

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022772.D
 Acq On : 25 Sep 2019 15:26
 Operator : JU
 Sample : PB123298BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:54:50 PM

Quant Time: Sep 26 06:27:03 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	224665	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	881015	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	483512	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	904069	20.00	ng	0.00
76) Chrysene-d12	21.37	240	720618	20.00	ng	-0.01
87) Perylene-d12	23.64	264	658583	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1529124	107.94	ng	0.00
7) Phenol-d6	6.99	99	1885587	103.64	ng	0.00
23) Nitrobenzene-d5	8.97	82	1033979	65.15	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	681874	112.97	ng	0.00
45) 2-Fluorobiphenyl	13.07	172	2438612	69.45	ng	-0.01
79) Terphenyl-d14	19.82	244	3002692	80.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	220764	38.730	ng	# 100
3) Pyridine	3.72	79	522128	34.752	ng	99
4) n-Nitrosodimethylamine	3.62	42	230195	42.087	ng	# 97
6) Aniline	7.15	93	799496	36.647	ng	99
8) 2-Chlorophenol	7.39	128	653616	45.286	ng	99
9) Benzaldehyde	6.96	77	334509	32.289	ng	99
10) Phenol	7.02	94	745530	43.524	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	581062	43.177	ng	99
12) 1,3-Dichlorobenzene	7.71	146	714296	41.408	ng	100
13) 1,4-Dichlorobenzene	7.86	146	730793	41.847	ng	99
14) 1,2-Dichlorobenzene	8.17	146	688541	41.355	ng	100
15) Benzyl Alcohol	8.06	79	496233	43.587	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	794203	40.626	ng	100
17) 2-Methylphenol	8.26	107	496256	43.770	ng	99
18) Hexachloroethane	8.90	117	265488	41.449	ng	100
19) n-Nitroso-di-n-propylamine	8.63	70	427053	42.032	ng	99
20) 3+4-Methylphenols	8.59	107	660709	43.752	ng	98
22) Acetophenone	8.64	105	866095	39.826	ng	# 99
24) Nitrobenzene	9.02	77	635253	41.833	ng	98
25) Isophorone	9.55	82	1134957	43.491	ng	99
26) 2-Nitrophenol	9.73	139	316222	48.237	ng	99
27) 2,4-Dimethylphenol	9.79	122	558912	50.927	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	764592	42.340	ng	99
29) 2,4-Dichlorophenol	10.26	162	574723	46.319	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	641702	42.035	ng	100
31) Naphthalene	10.66	128	1853364	42.576	ng	100
32) Benzoic acid	9.92	122	334733	44.697	ng	96
33) 4-Chloroaniline	10.76	127	397683	21.041	ng	100
34) Hexachlorobutadiene	10.96	225	384654	42.269	ng	100
35) Caprolactam	11.55	113	152090m	41.346	ng	
36) 4-Chloro-3-methylphenol	11.89	107	541303	44.715	ng	99
37) 2-Methylnaphthalene	12.27	142	1321346	43.607	ng	98
38) 1-Methylnaphthalene	12.49	142	1229011	42.729	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	701612	42.825	ng	99

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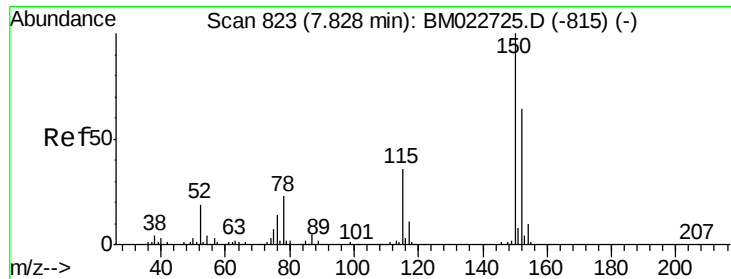
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	930517	104.097	nq	99
43) 2,4,6-Trichlorophenol	12.88	196	438524	46.376	nq	99
44) 2,4,5-Trichlorophenol	12.95	196	466539	47.346	nq	100
46) 1,1'-Biphenyl	13.29	154	1641921	41.030	nq	100
47) 2-Chloronaphthalene	13.33	162	1266188	42.452	nq	99
48) 2-Nitroaniline	13.53	65	316625	40.767	nq	99
49) Acenaphthylene	14.17	152	1965914	44.510	nq	100
50) Dimethylphthalate	13.92	163	1481418	42.396	nq	99
51) 2,6-Dinitrotoluene	14.02	165	328076	44.887	nq	99
52) Acenaphthene	14.52	154	1193717	41.311	nq	99
53) 3-Nitroaniline	14.35	138	232508	27.633	nq	98
54) 2,4-Dinitrophenol	14.56	184	343225	86.095	nq	96
55) Dibenzofuran	14.85	168	1821368	43.175	nq	99
56) 4-Nitrophenol	14.66	139	560491	86.664	nq	96
57) 2,4-Dinitrotoluene	14.81	165	428945	44.798	nq	100
58) Fluorene	15.50	166	1460299	42.598	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	398107	46.326	nq	97
60) Diethylphthalate	15.27	149	1467849	43.203	nq	100
61) 4-Chlorophenyl-phenylether	15.50	204	759824	43.138	nq	99
62) 4-Nitroaniline	15.52	138	334458	37.914	nq	99
63) Azobenzene	15.79	77	1315337	42.870	nq	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	224860	49.273	nq	95
66) n-Nitrosodiphenylamine	15.71	169	1260644	45.644	nq	100
67) 4-Bromophenyl-phenylether	16.39	248	463214	46.066	nq	99
68) Hexachlorobenzene	16.50	284	507755	43.300	nq	99
69) Atrazine	16.66	200	384089	42.779	nq	100
70) Pentachlorophenol	16.84	266	618906	98.965	nq	99
71) Phenanthrene	17.23	178	2146974	42.087	nq	100
72) Anthracene	17.33	178	2167018	43.832	nq	100
73) Carbazole	17.59	167	1922066	41.778	nq	99
74) Di-n-butylphthalate	18.16	149	2411420	46.226	nq	100
75) Fluoranthene	19.25	202	2332632	40.522	nq	98
77) Benzidine	19.43	184	869011	43.958	nq	99
78) Pyrene	19.61	202	2364306	50.064	nq	99
80) Butylbenzylphthalate	20.51	149	955259	53.223	nq	99
81) Benzo(a)anthracene	21.36	228	2012936	43.100	nq	100
82) 3,3'-Dichlorobenzidine	21.29	252	653504	39.456	nq	99
83) Chrysene	21.41	228	1944540	42.946	nq	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1432976	53.884	nq	100
85) Di-n-octyl phthalate	22.18	149	2185694	51.569	nq	99
86) Indeno(1,2,3-cd)pyrene	25.95	276	2039480	37.738	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	1841314	46.177	nq	100
89) Benzo(k)fluoranthene	23.00	252	1835697	46.397	nq	99
90) Benzo(a)pyrene	23.54	252	1758809	47.867	nq	99
91) Dibenzo(a,h)anthracene	25.96	278	1721054	44.780	nq	99
92) Benzo(g,h,i)perylene	26.66	276	1684232	46.138	nq	99

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



#1

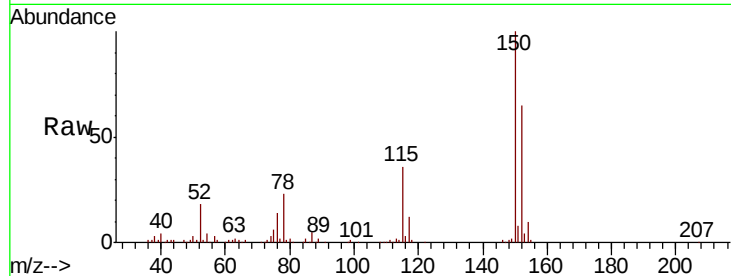
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	56.1	45.0	67.4

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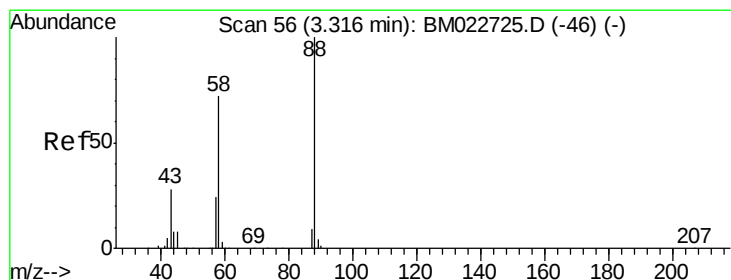
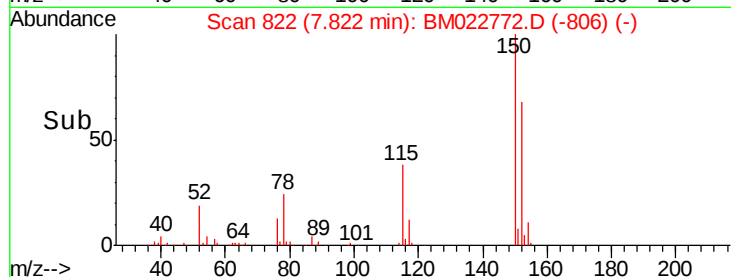
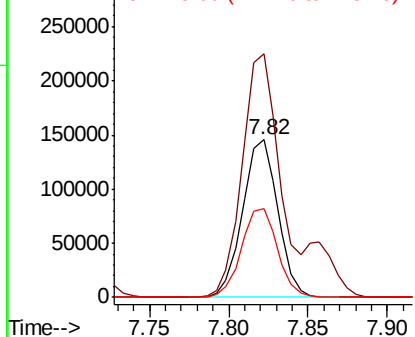


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

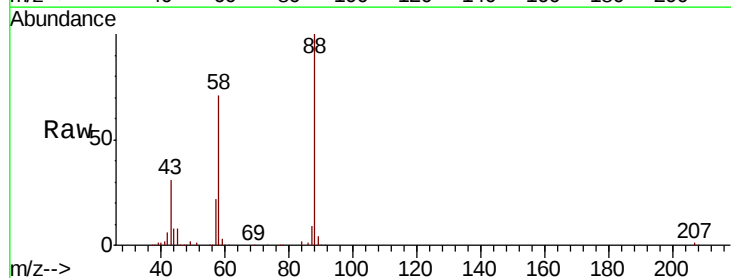
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.730 ng
 RT: 3.32 min Scan# 56
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	0.0	0.0#
43	27.2	0.0	0.0#

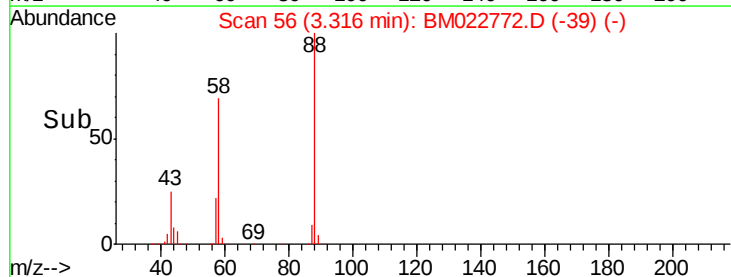
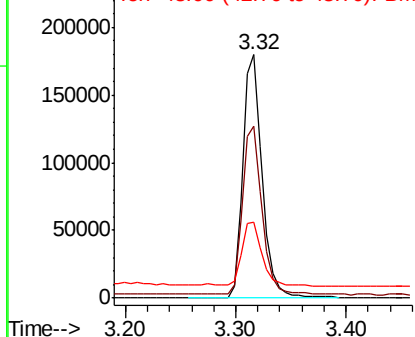


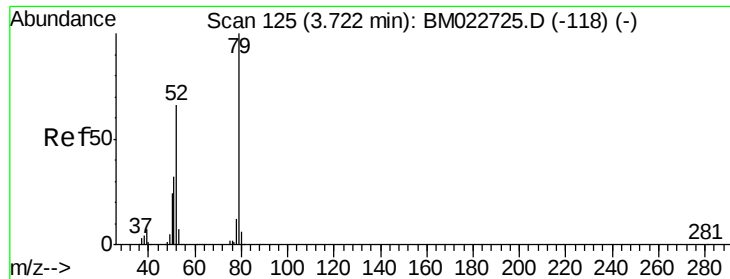
Abundance

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: 34.752 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

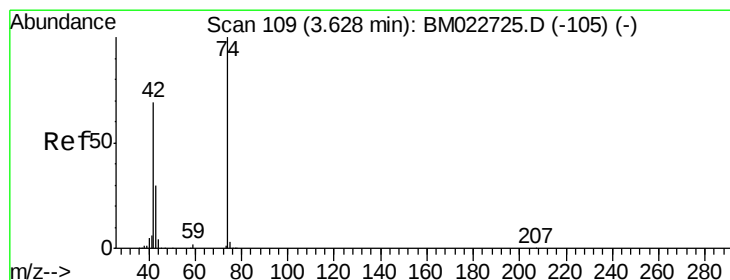
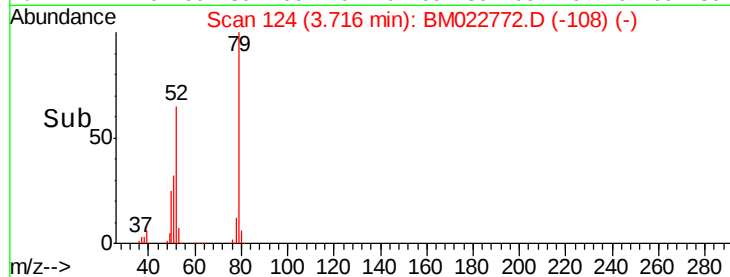
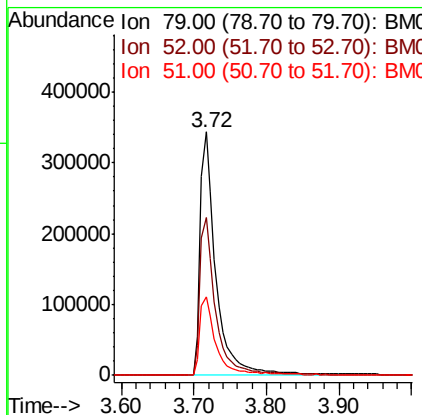
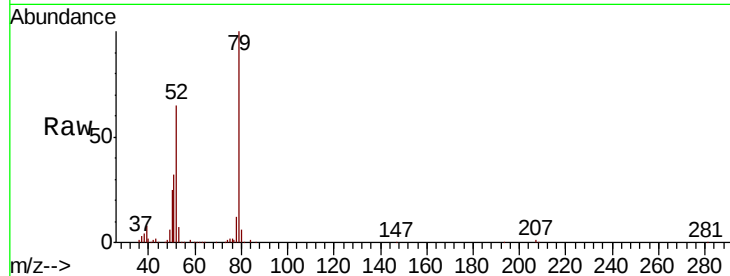
ClientSampleId :

PB123298BSD

Tot Ion:	79	Resp:	522128
Ion Ratio	Lower	Upper	
79	100		
52	65.1	52.4	78.6
51	32.4	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 42.087 ng

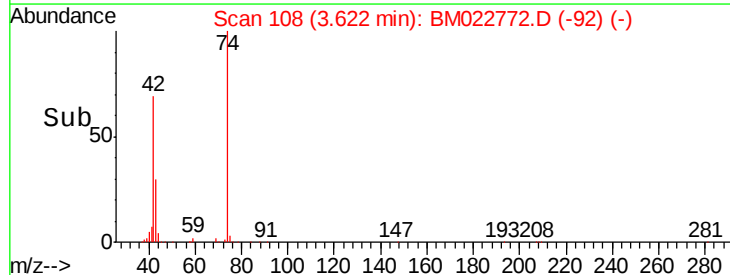
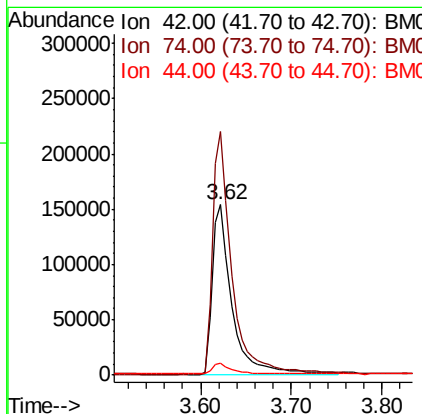
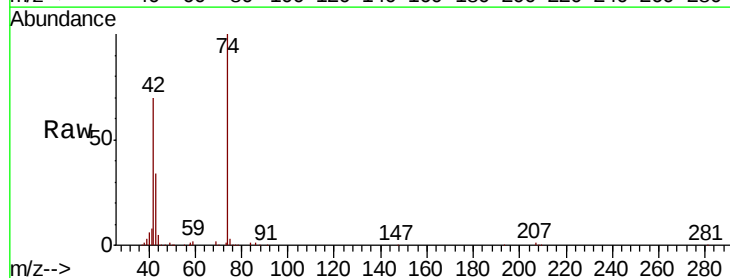
RT: 3.62 min Scan# 108

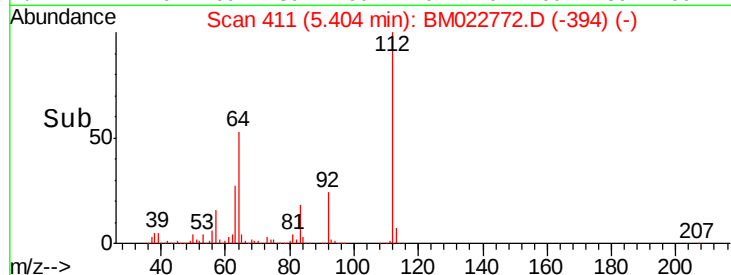
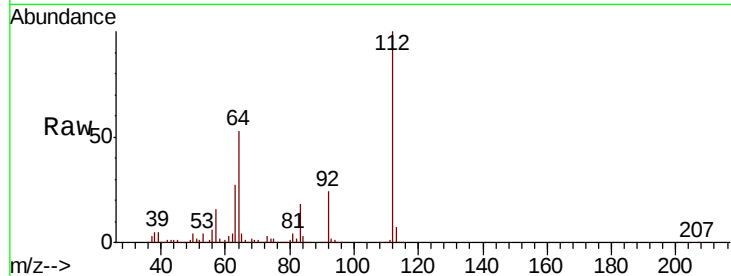
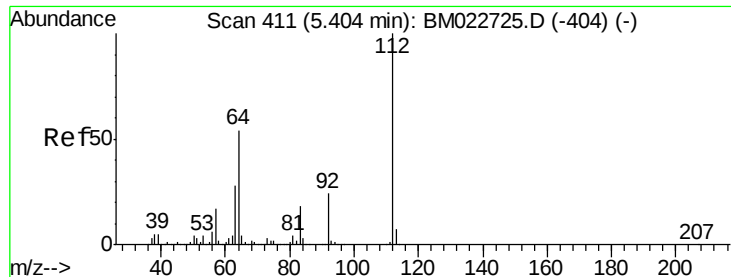
Delta R.T. -0.01 min

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Tgt Ion:	42	Resp:	230195
Ion Ratio	Lower	Upper	
42	100		
74	143.0	116.6	175.0
44	7.1	8.2	12.4#





#5

2-Fluorophenol

Concen: 107.945 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

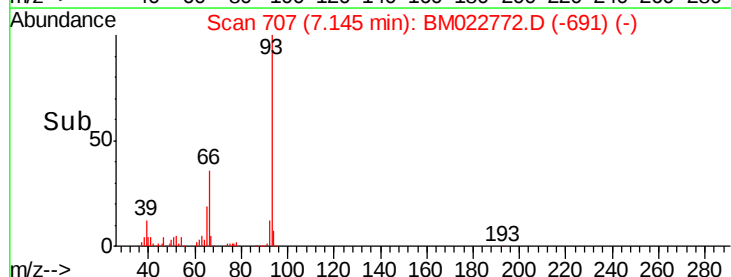
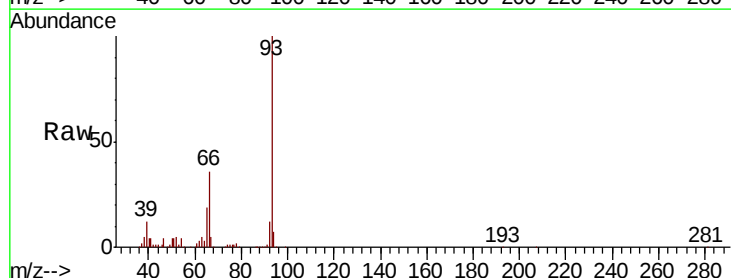
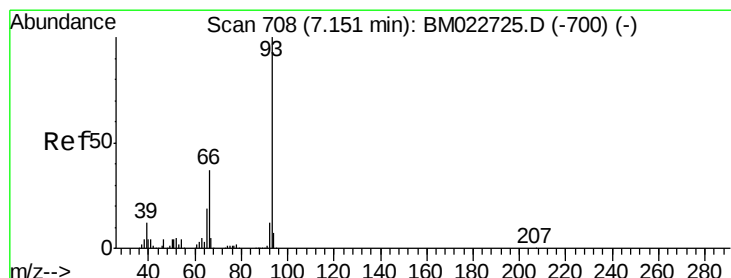
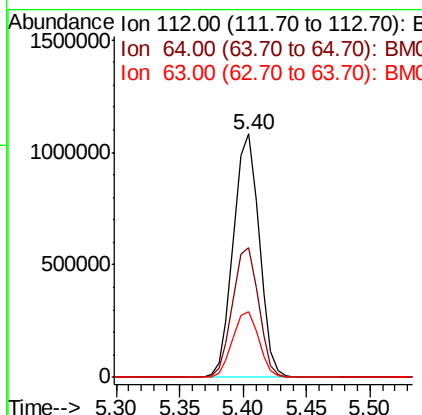
ClientSampled :

PB123298BSD

Tot Ion:	112	Resp:	1529124
Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.4	65.2
63	27.2	22.1	33.1

Manual Integrations
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#6

Aniline

Concen: 36.647 ng

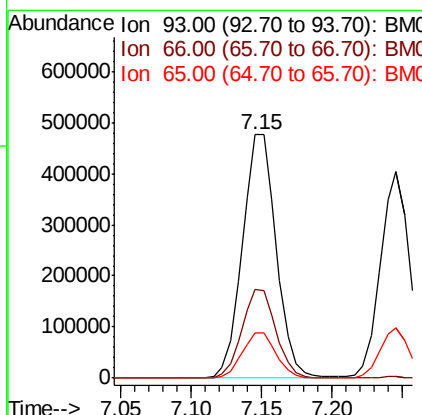
RT: 7.15 min Scan# 707

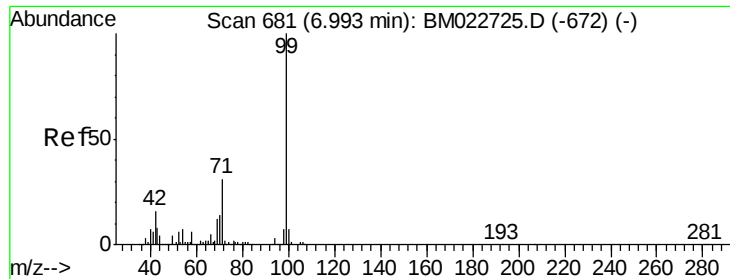
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	93	Resp:	799496
Ion	Ratio	Lower	Upper
93	100		
66	36.2	29.3	43.9
65	18.7	15.3	22.9





#7

Phenol-d6

Concen: 103.636 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion: 99 Resp: 1885587

Ion Ratio Lower Upper

99 100

42 16.2 13.0 19.4

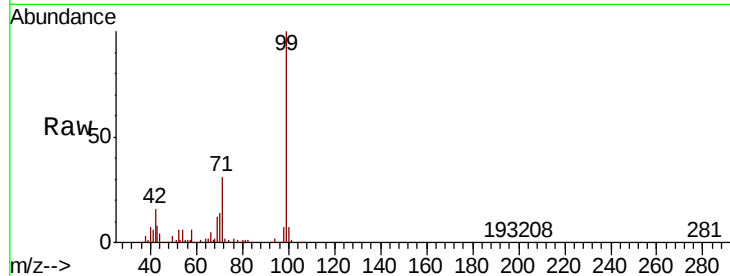
71 31.1 24.7 37.1

Manual Integrations

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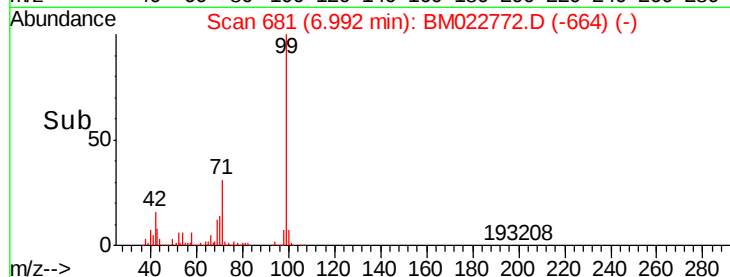


Abundance Ion 99.00 (98.70 to 99.70): BM022772.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022772.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022772.D (-664) (-)

Time-->



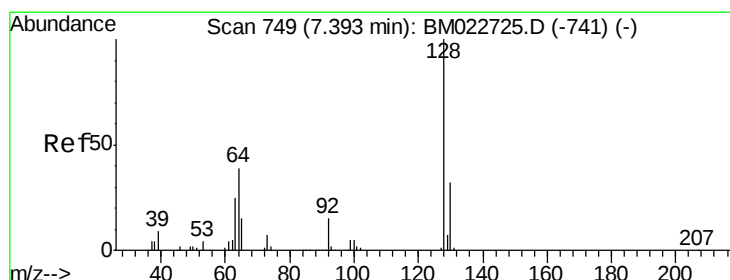
Abundance

Ion 99.00 (98.70 to 99.70): BM022772.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022772.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022772.D (-664) (-)

Time-->



#8

2-Chlorophenol

Concen: 45.286 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

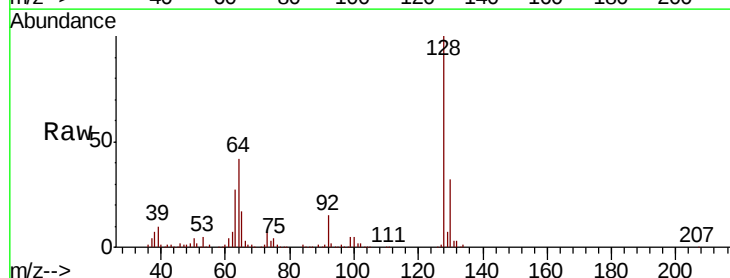
Tgt Ion: 128 Resp: 653616

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

64 42.3 22.9 62.9

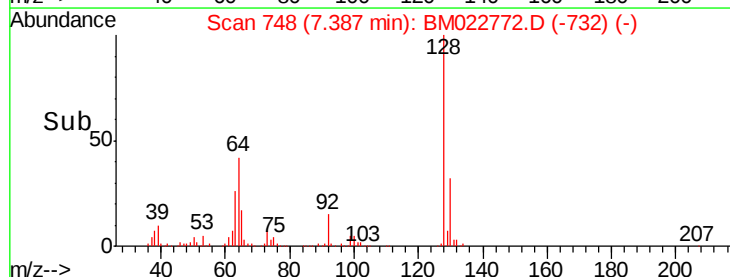


Abundance Ion 128.00 (127.70 to 128.70): BM022772.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022772.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022772.D (-732) (-)

Time-->



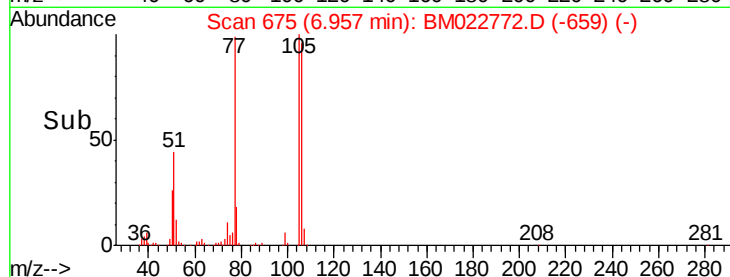
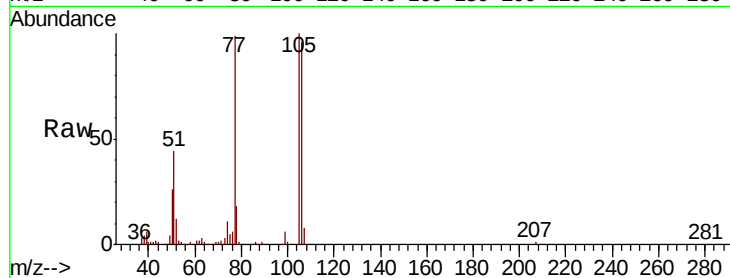
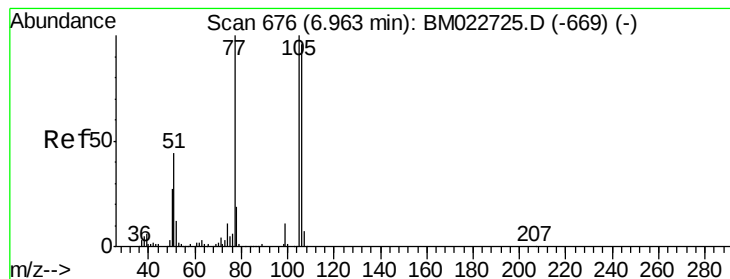
Abundance

Ion 128.00 (127.70 to 128.70): BM022772.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022772.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022772.D (-732) (-)

Time-->



#9

Benzaldehyde

Concen: 32.289 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tot Ion:	77	Resp:	334509
Ion	Ratio	Lower	Upper
77	100		
105	100.5	79.6	119.6
106	96.6	76.3	116.3

Instrument :

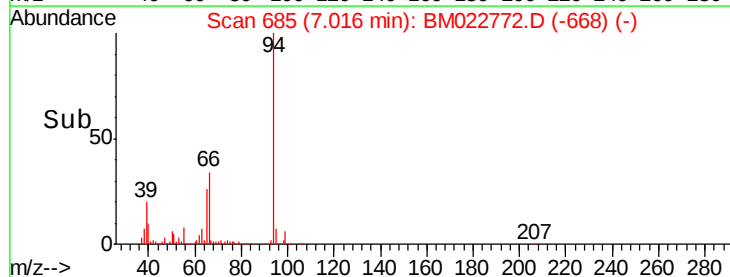
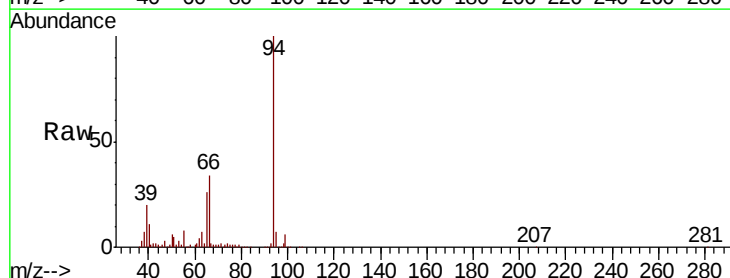
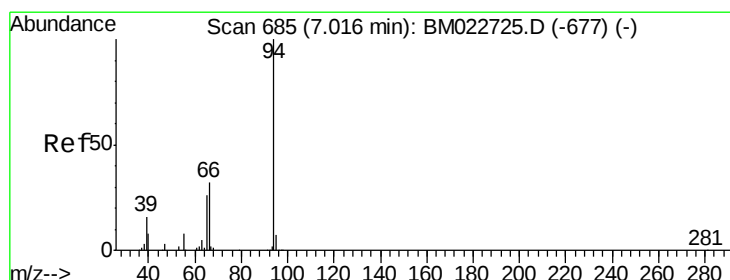
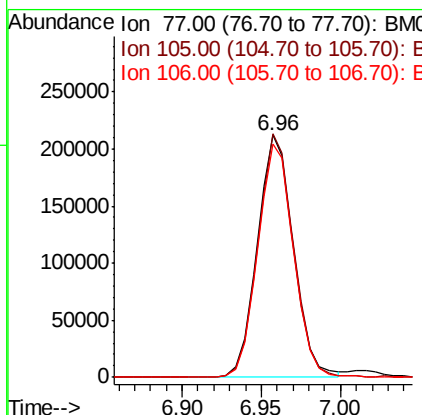
BNA_M

ClientSampleId :

PB123298BSD

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#10

Phenol

Concen: 43.524 ng

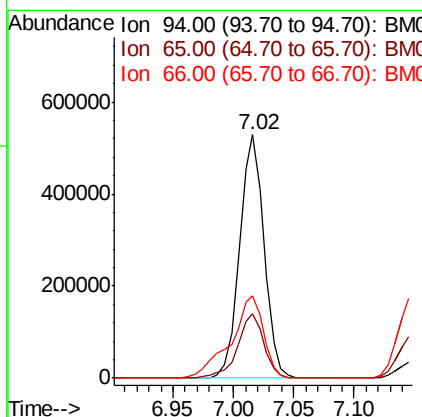
RT: 7.02 min Scan# 685

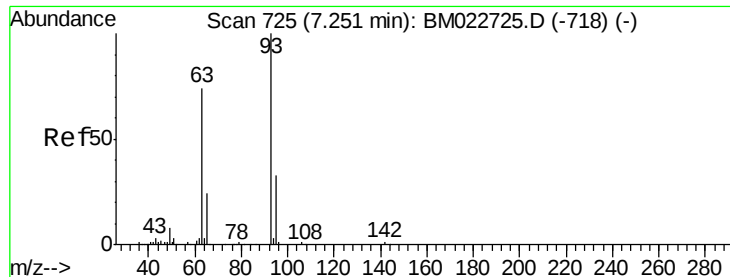
Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	94	Resp:	745530
Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.7	46.7
66	33.9	13.8	53.8





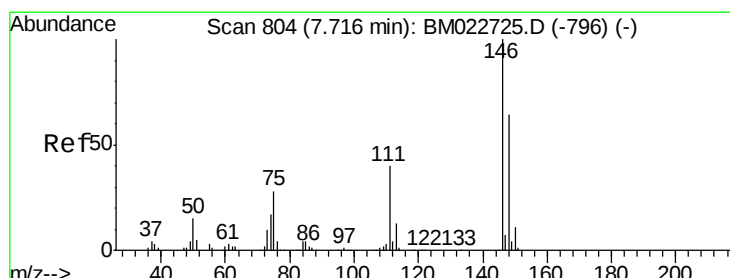
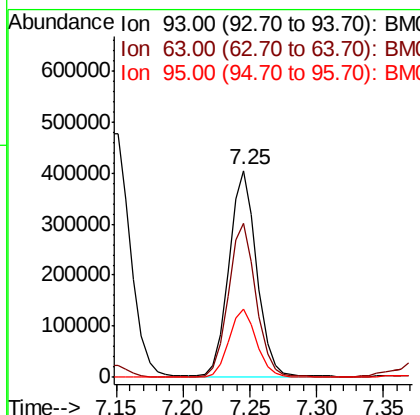
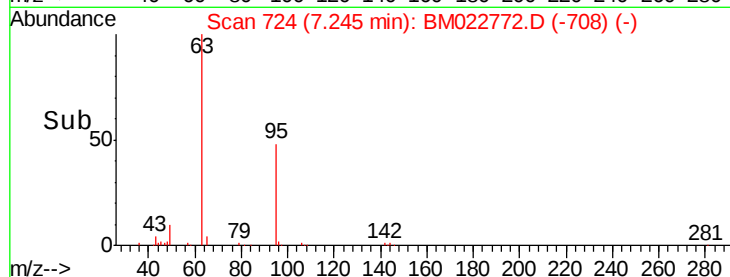
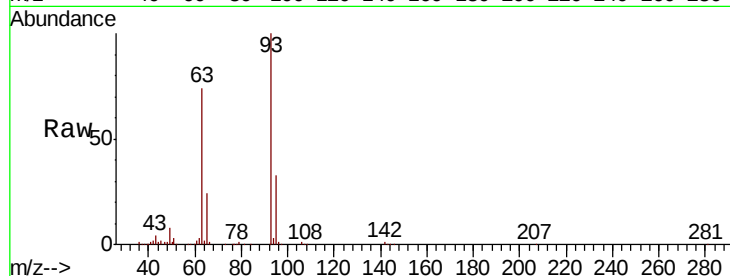
#11
bis(2-Chloroethyl)ether
Concen: 43.177 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion:	93	Resp:	581062
Ion	Ratio	Lower	Upper
93	100		
63	74.3	53.8	93.8
95	33.2	12.7	52.7

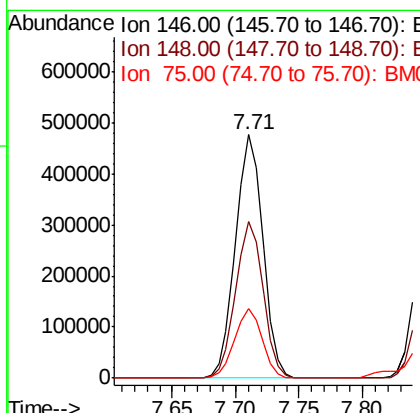
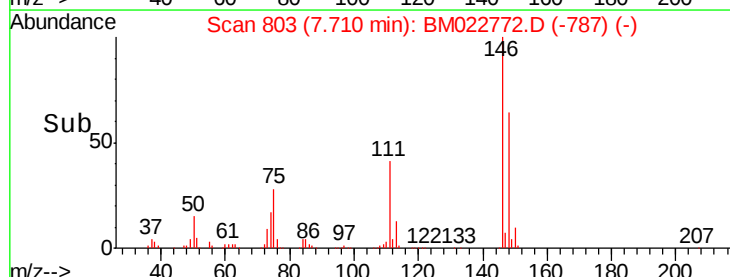
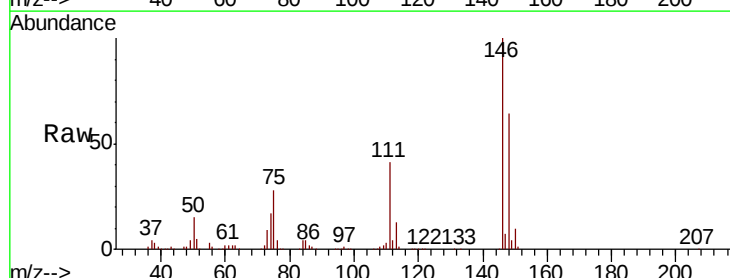
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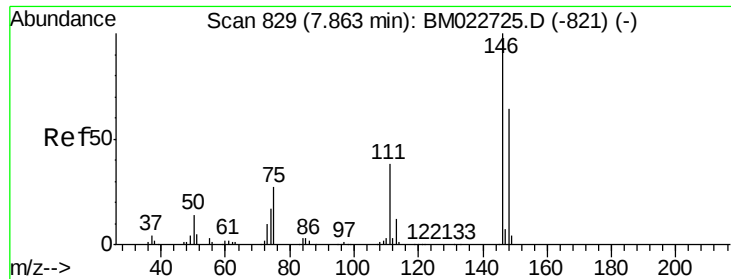
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.408 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion:	146	Resp:	714296
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	28.4	22.5	33.7





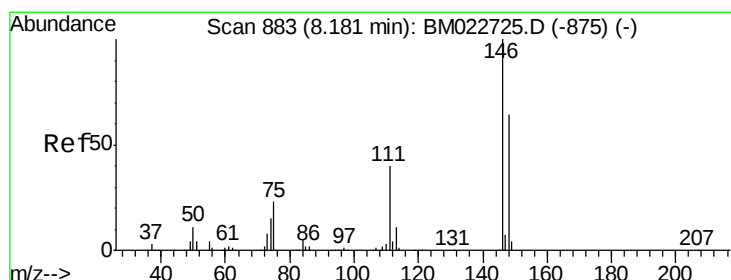
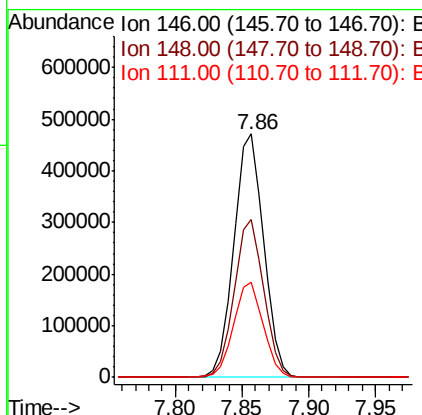
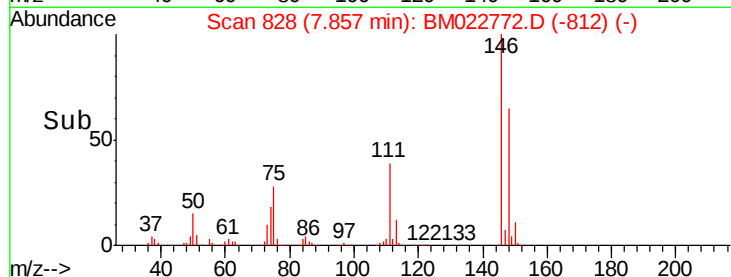
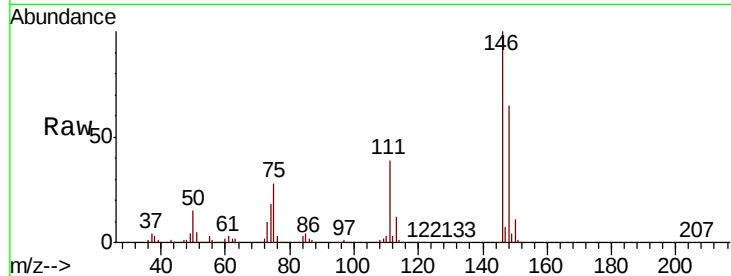
#13
 1,4-Dichlorobenzene
 Concen: 41.847 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	39.0	30.9	46.3

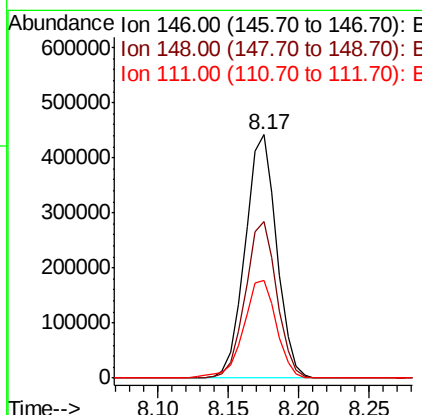
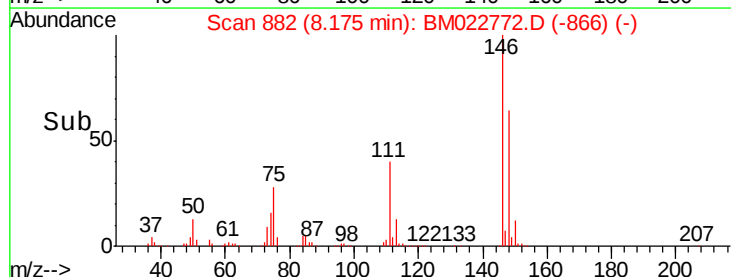
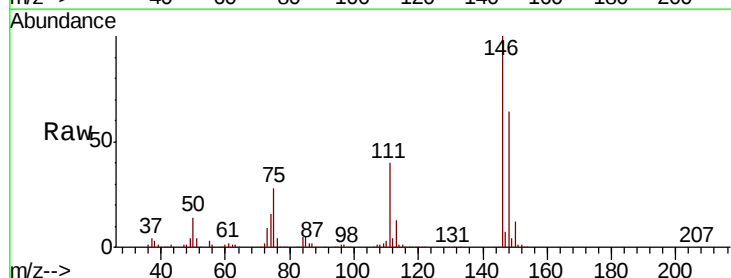
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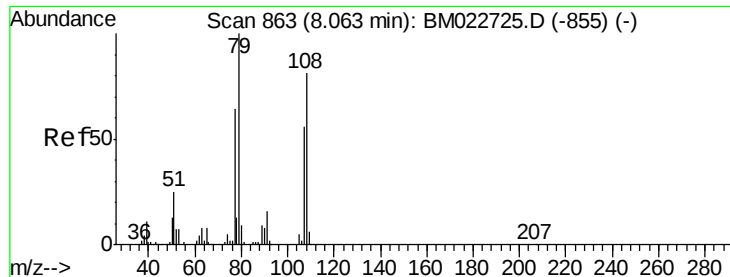
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.355 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
111	40.4	32.3	48.5





#15

Benzyl Alcohol

Concen: 43.587 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

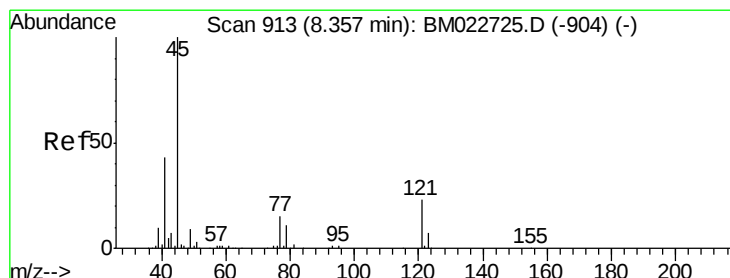
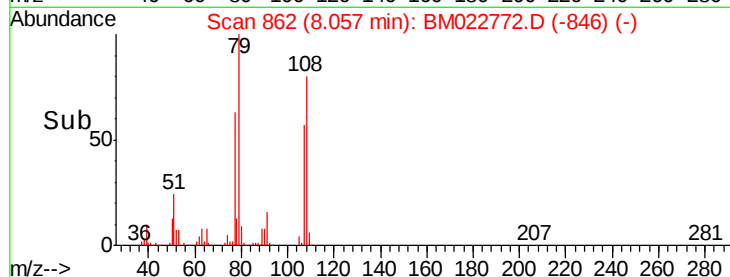
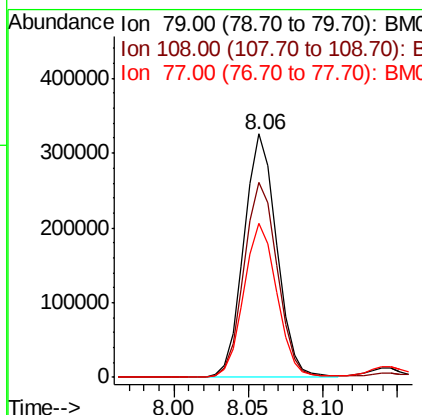
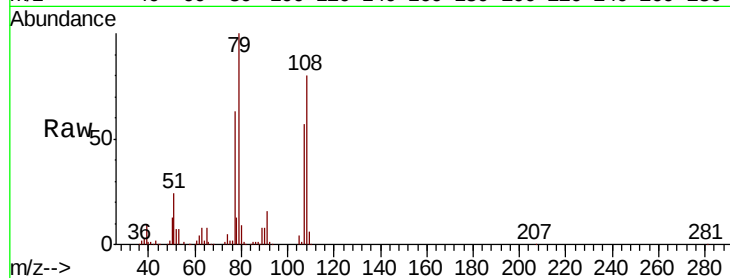
ClientSampleId :

PB123298BSD

Tot Ion:	79	Resp:	496233
Ion Ratio	Lower	Upper	
79	100		
108	80.3	64.9	97.3
77	63.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.626 ng

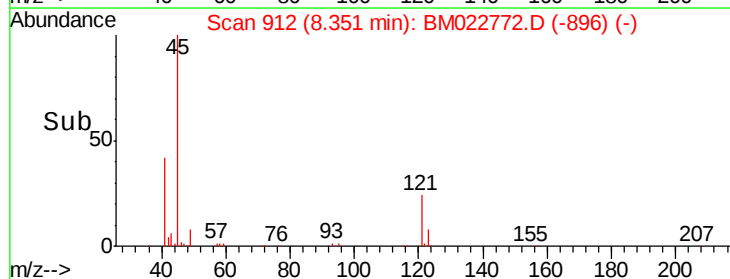
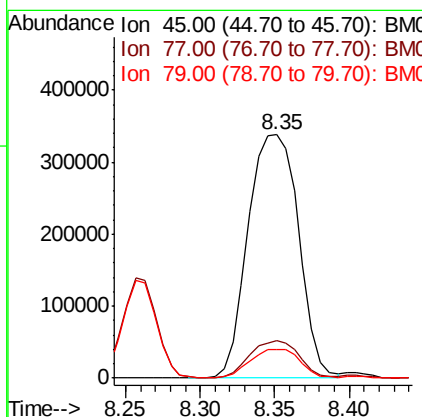
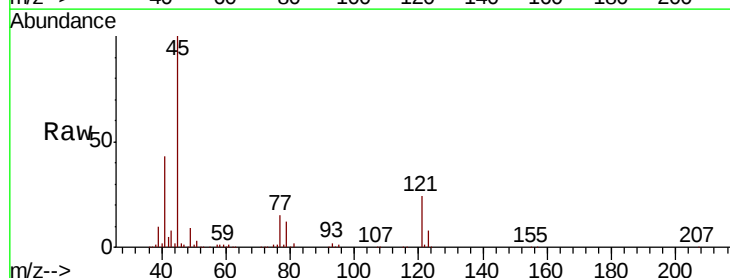
RT: 8.35 min Scan# 912

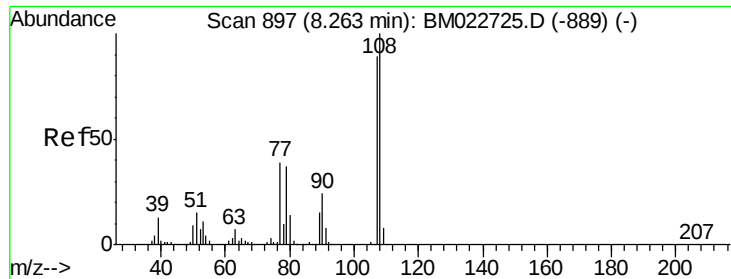
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	45	Resp:	794203
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.1
79	11.6	0.0	31.4





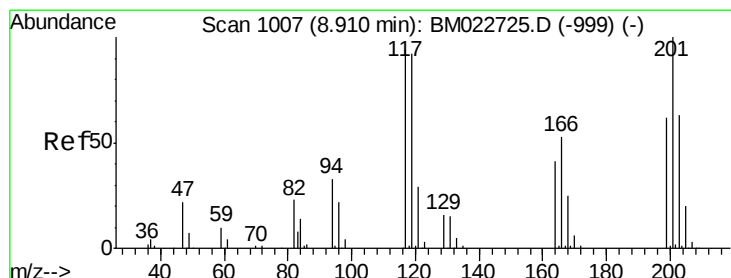
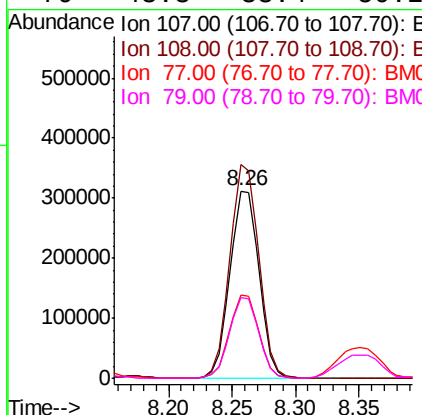
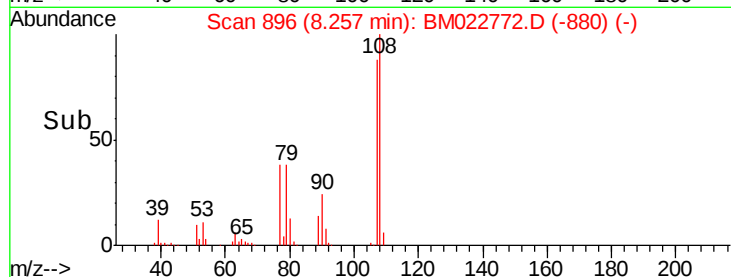
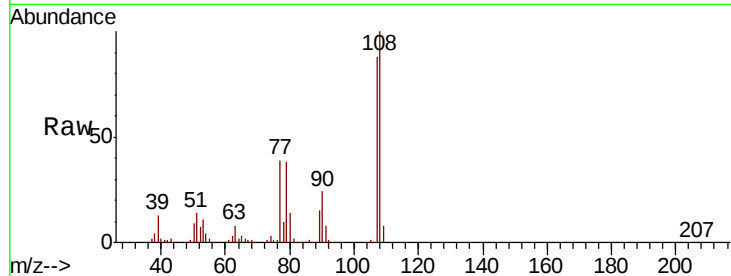
#17
2-Methylphenol
Concen: 43.770 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleID :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	90.0	135.0	
77	44.3	35.2	52.8	
79	43.3	33.4	50.2	

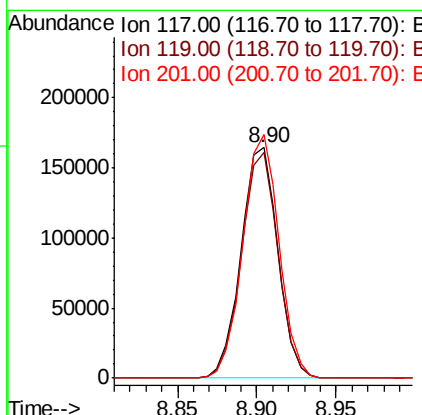
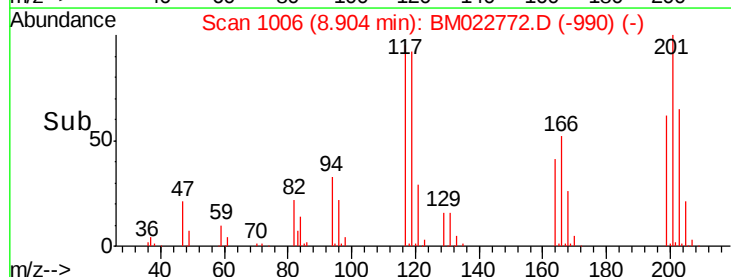
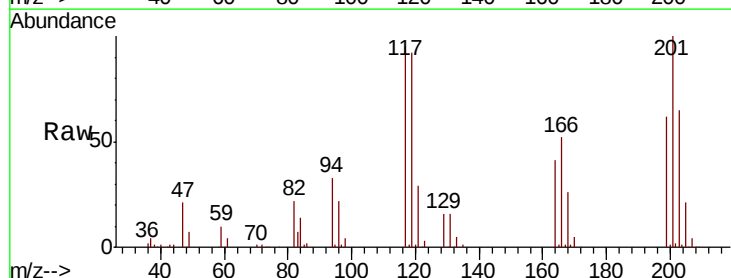
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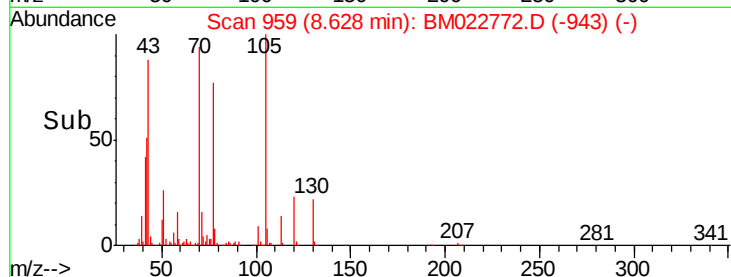
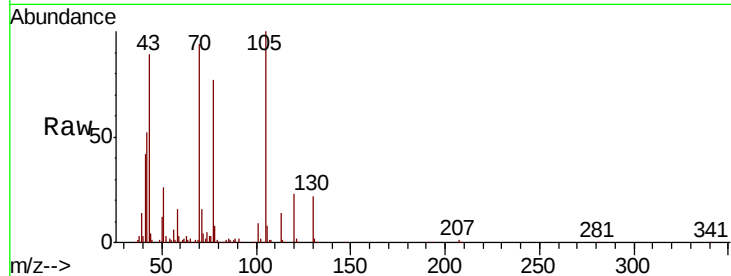
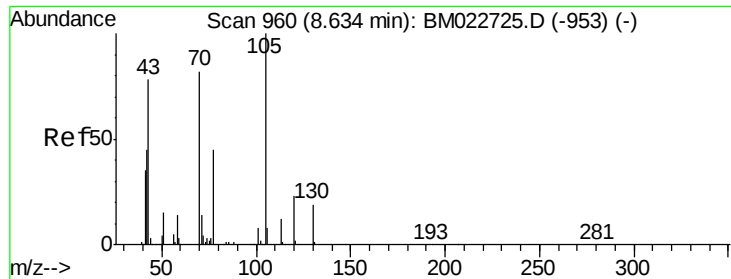
mohammad
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#18
Hexachloroethane
Concen: 41.449 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	78.0	117.0	
201	105.8	85.0	127.6	





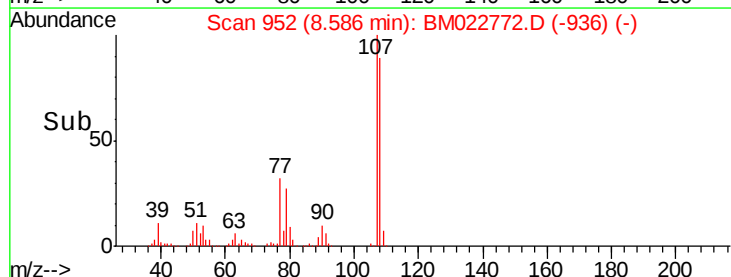
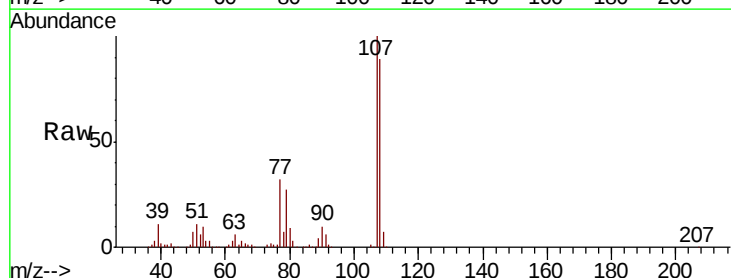
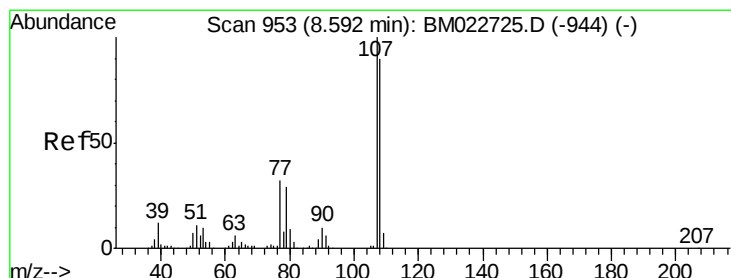
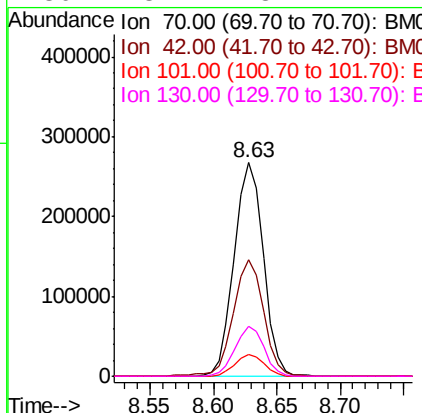
#19
n-Nitroso-di-n-propylamine
Concen: 42.032 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Manual Integrations
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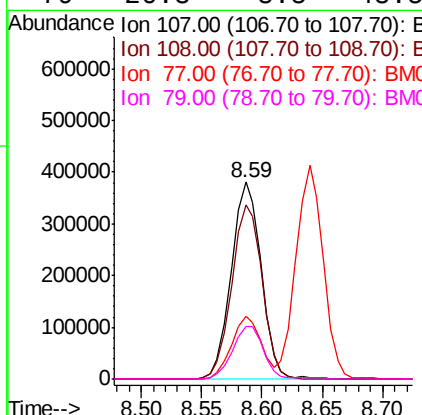
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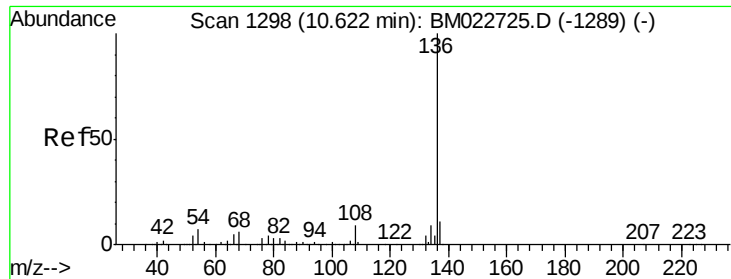
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	44.4	66.6	
101	10.0	7.8	11.6	
130	23.4	18.2	27.4	



#20
3+4-Methylphenols
Concen: 43.752 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	70.1	110.1	
77	31.7	12.1	52.1	
79	26.8	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: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

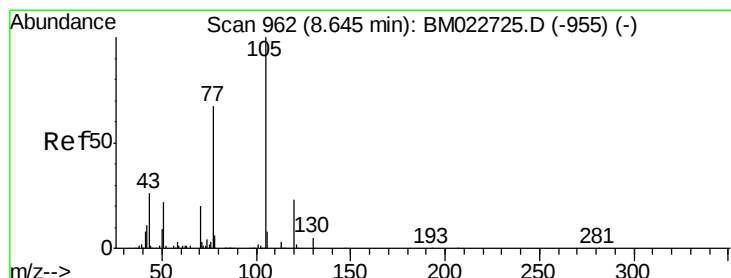
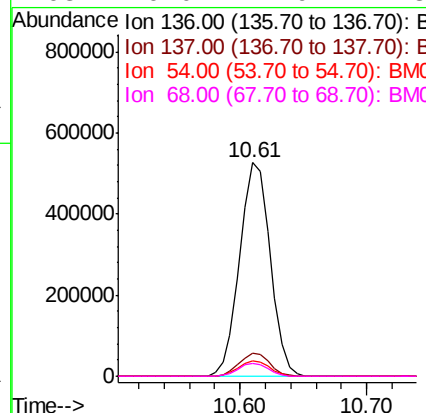
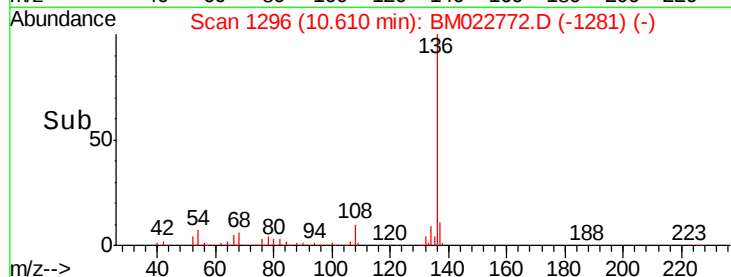
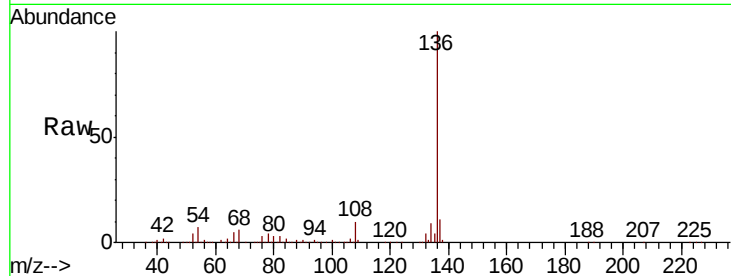
ClientSampleId :

PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	881015		
137	10.9	8.6	13.0	
54	7.3	6.0	9.0	
68	6.0	4.9	7.3	

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#22

Acetophenone

Concen: 39.826 ng

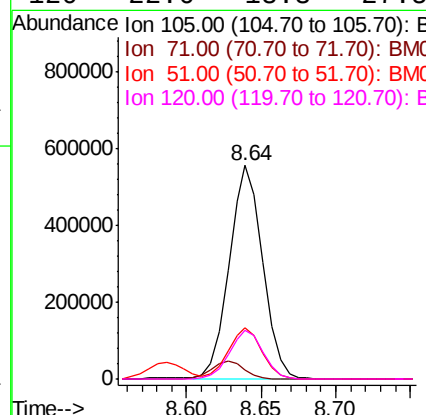
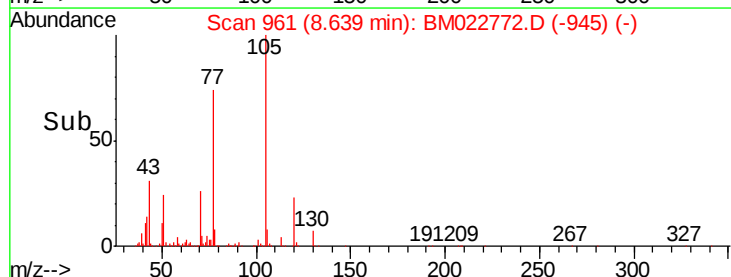
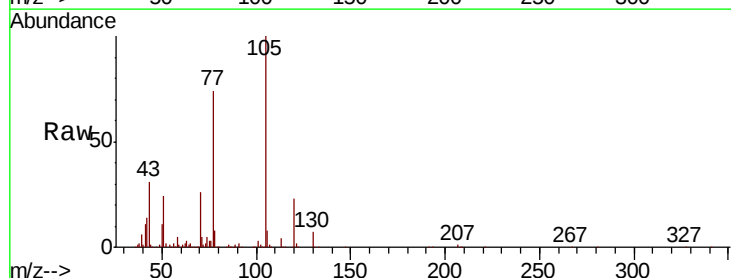
RT: 8.64 min Scan# 961

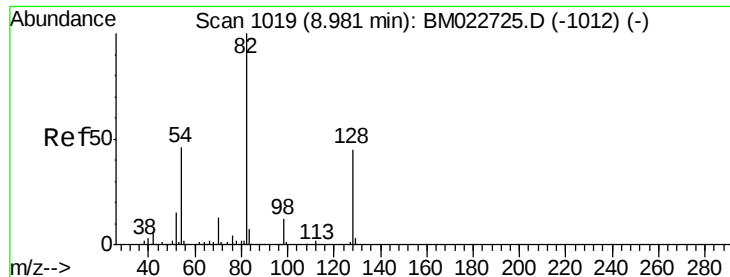
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	866095		
71	4.5	2.7	4.1#	
51	24.3	19.9	29.9	
120	22.6	18.3	27.5	





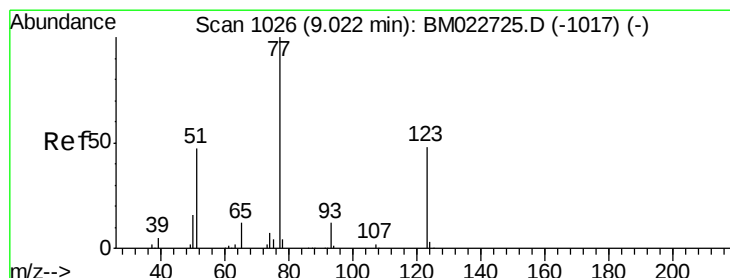
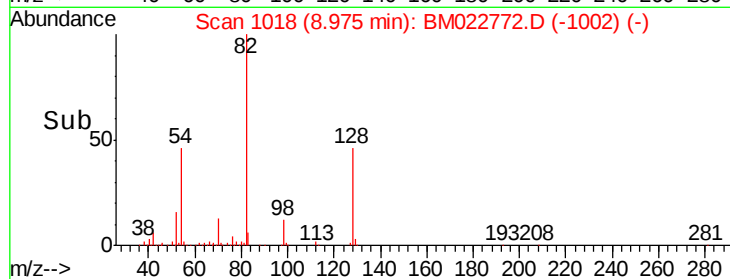
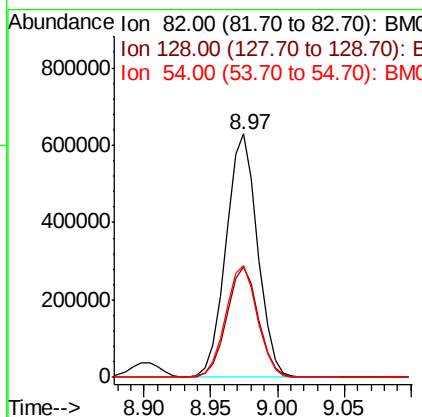
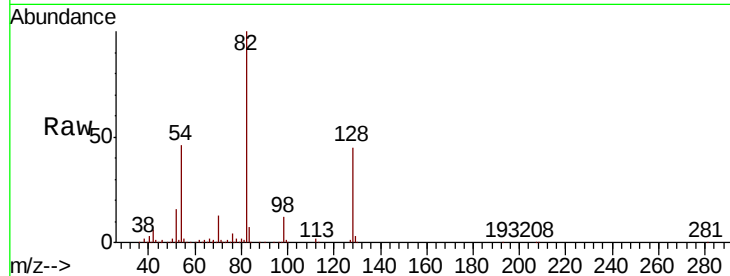
#23
 Nitrobenzene-d5
 Concen: 65.148 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.0	54.0
54	45.9	37.1	55.7

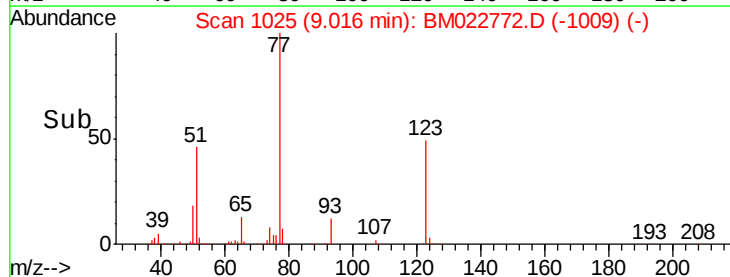
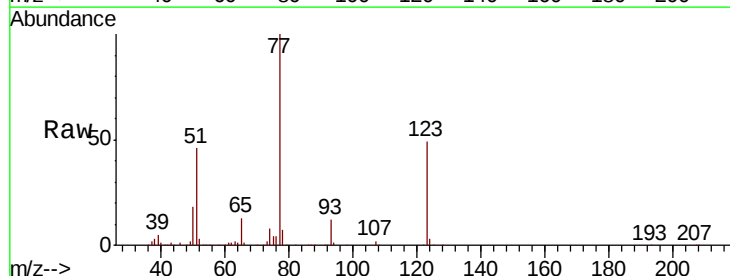
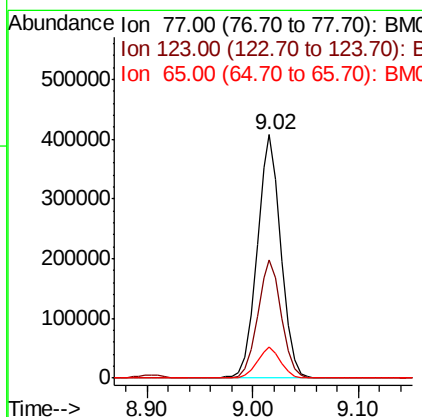
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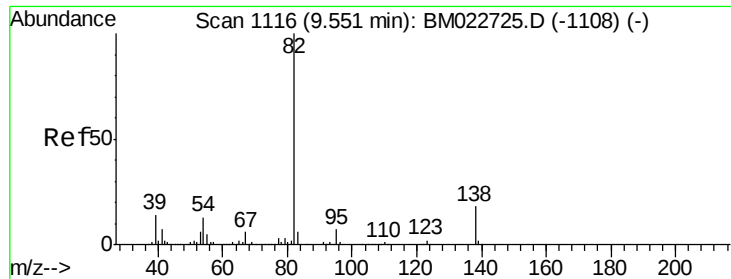
mohammad
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#24
 Nitrobenzene
 Concen: 41.833 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.0	57.0
65	12.9	10.0	15.0





#25

Isophorone

Concen: 43.491 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion: 82 Resp: 1134957

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

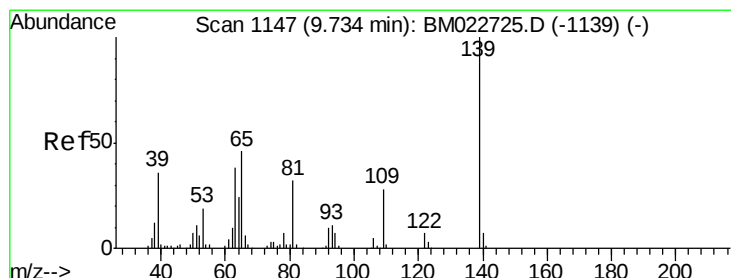
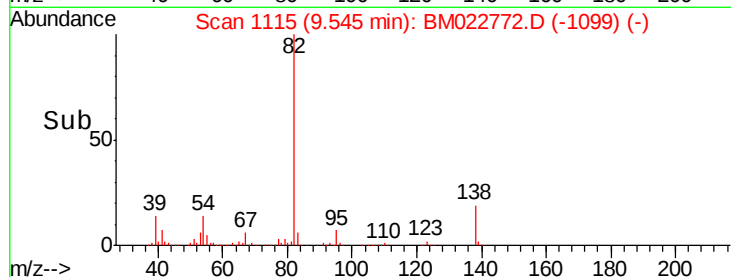
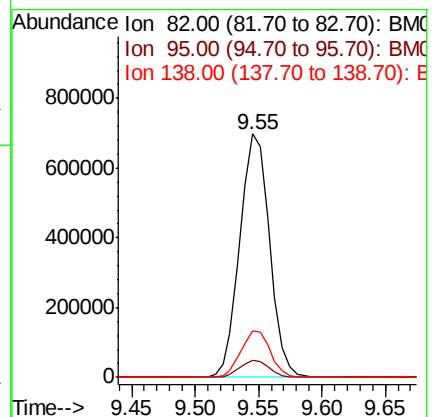
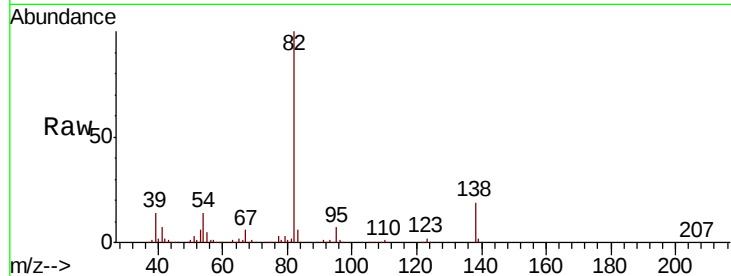
138 19.1 14.7 22.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.237 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

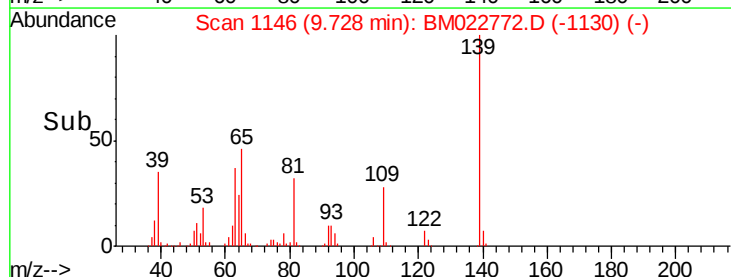
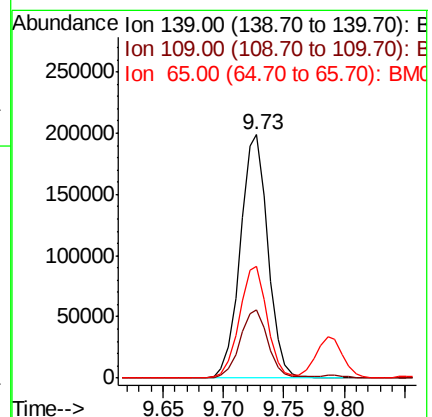
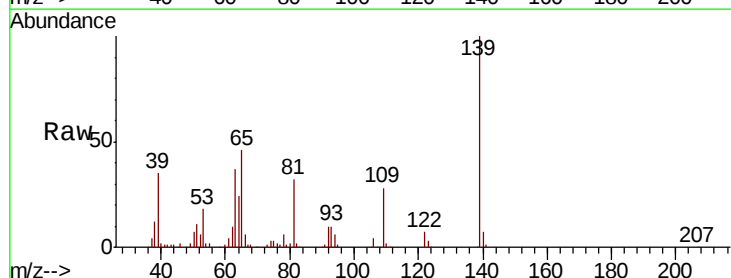
Tgt Ion: 139 Resp: 316222

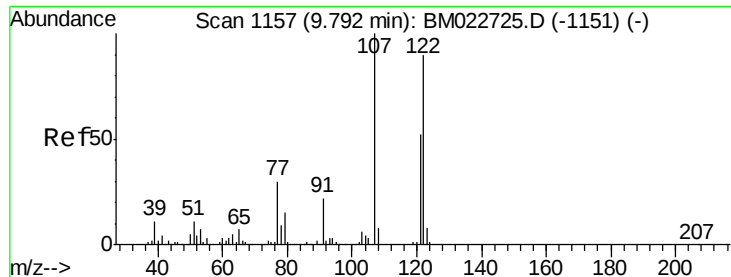
Ion Ratio Lower Upper

139 100

109 27.9 22.6 33.8

65 45.8 37.0 55.4





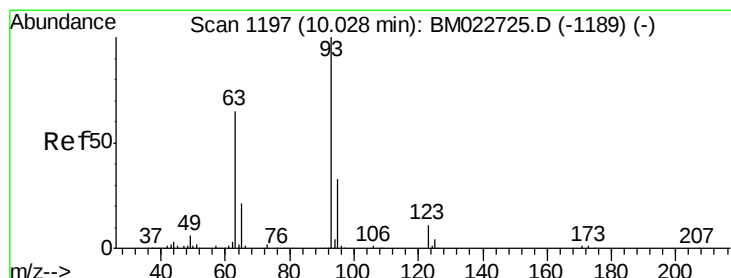
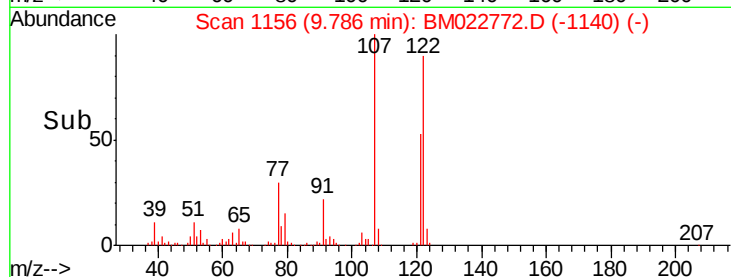
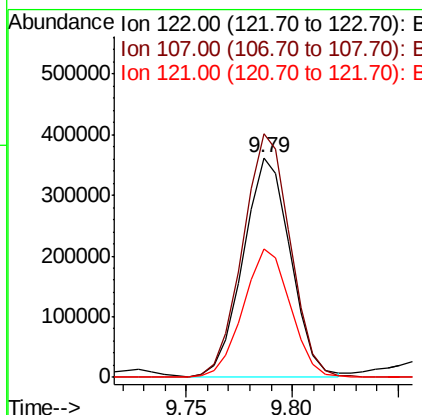
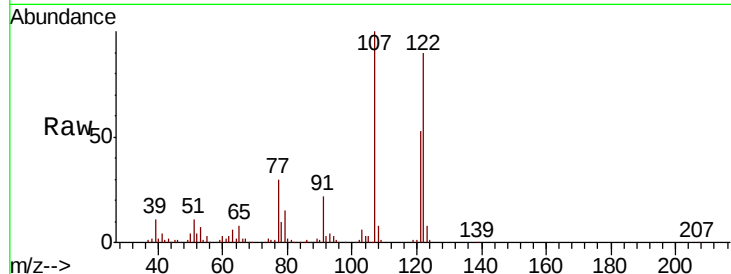
#27
2,4-Dimethylphenol
Concen: 50.927 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampled :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	558912		
107	110.9	88.9	133.3	
121	58.4	46.5	69.7	

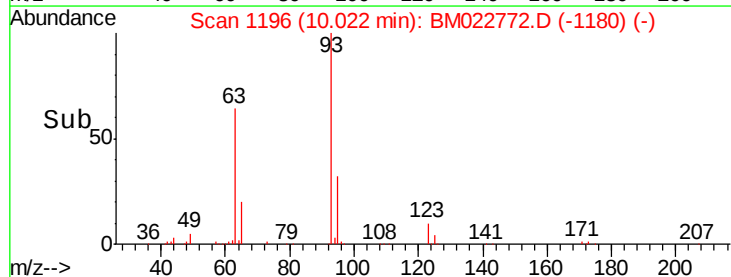
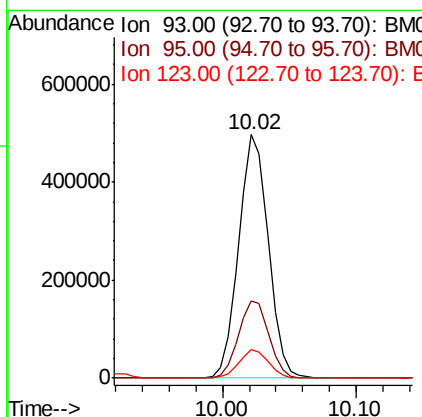
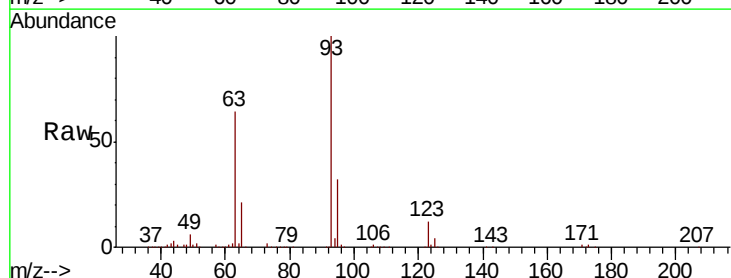
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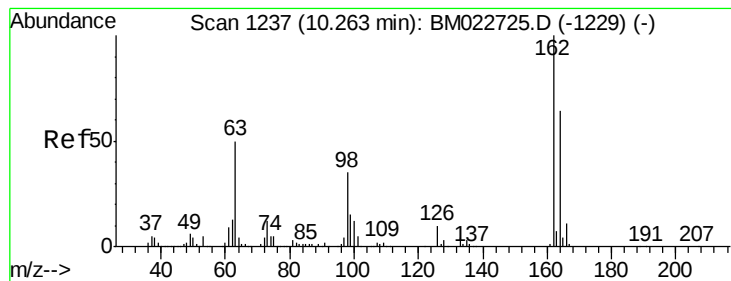
mohammad
9/26/2019 3:54:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.340 ng
RT: 10.02 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	764592		
95	32.0	26.0	39.0	
123	11.6	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 46.319 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

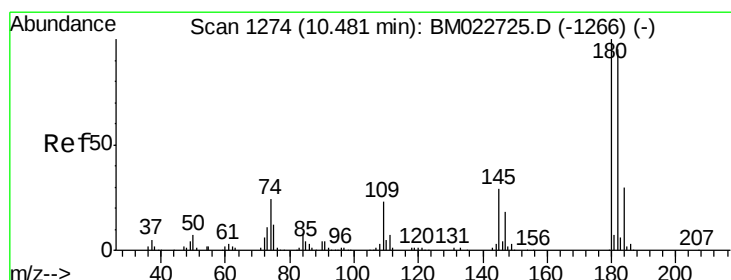
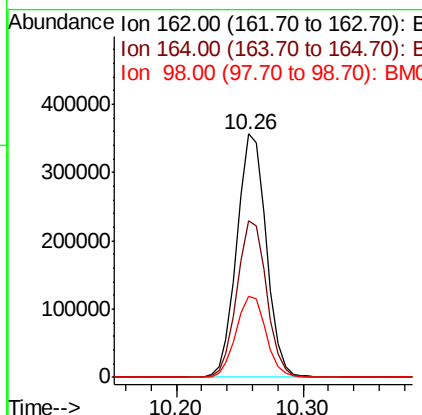
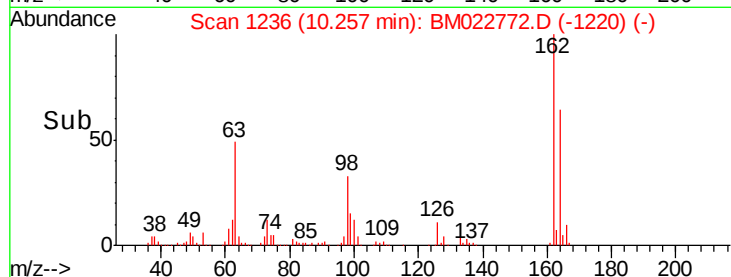
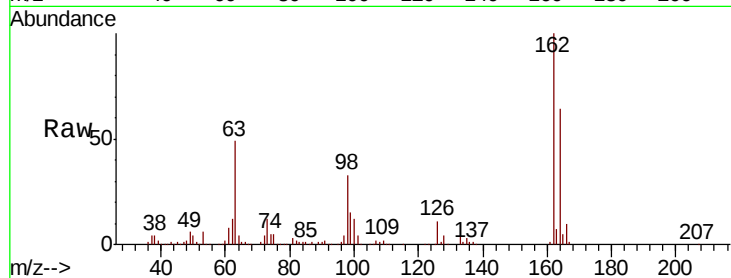
ClientSampleId :

PB123298BSD

Tot Ion:	162	Resp:	574723
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.4	84.4
98	33.4	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 42.035 ng

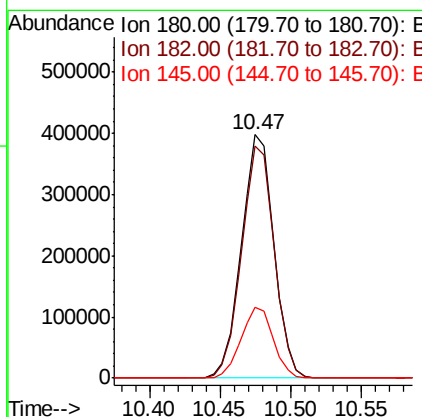
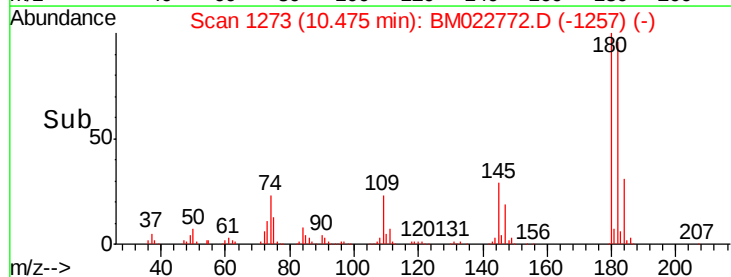
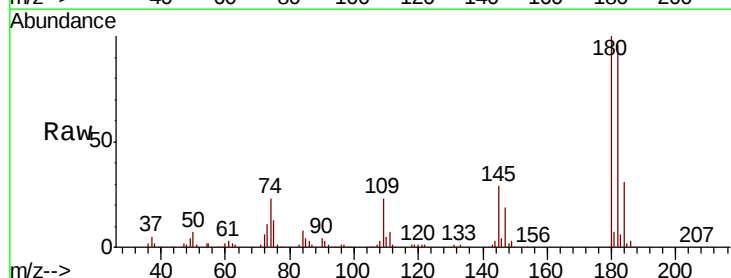
RT: 10.47 min Scan# 1273

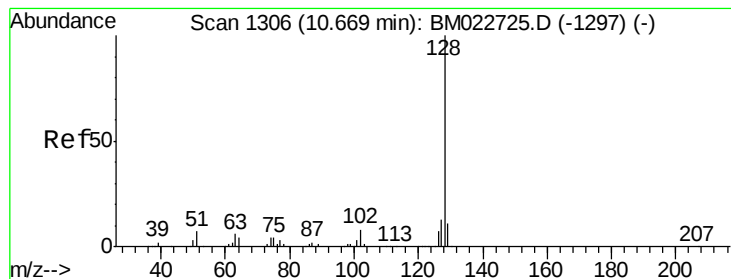
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	180	Resp:	641702
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.2
145	29.2	23.0	34.4





#31

Naphthalene

Concen: 42.576 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

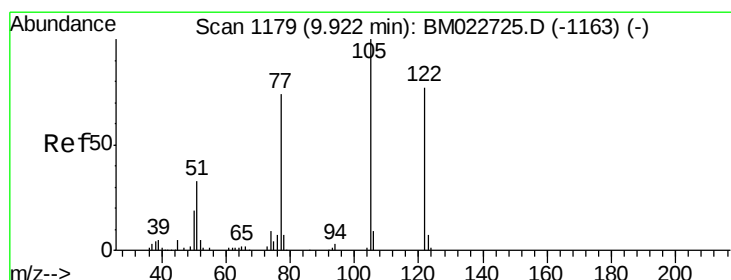
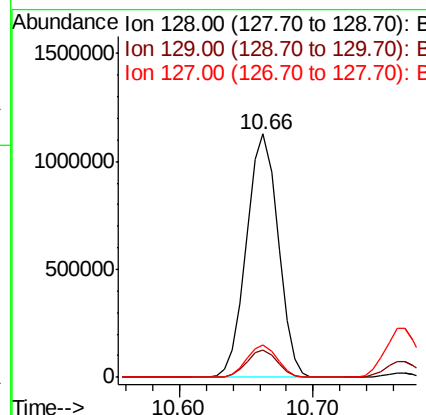
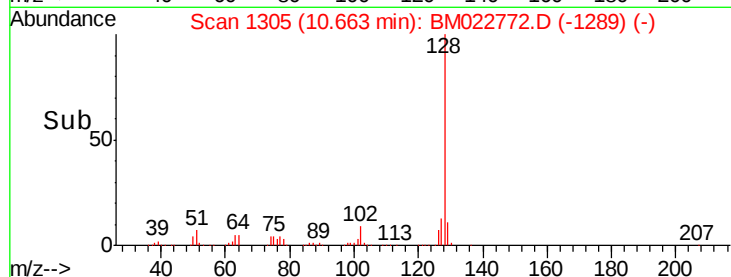
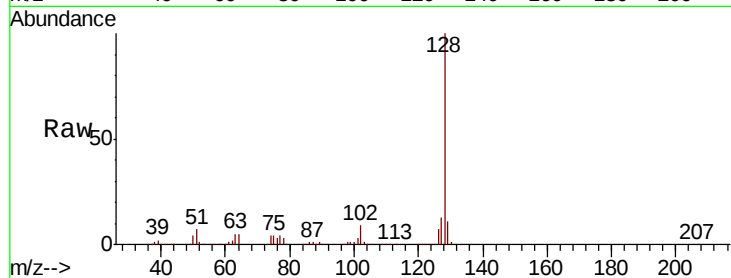
ClientSampleId :

PB123298BSD

Tot Ion:	128	Resp:	1853364
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.2	15.4

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#32

Benzoic acid

Concen: 44.697 ng

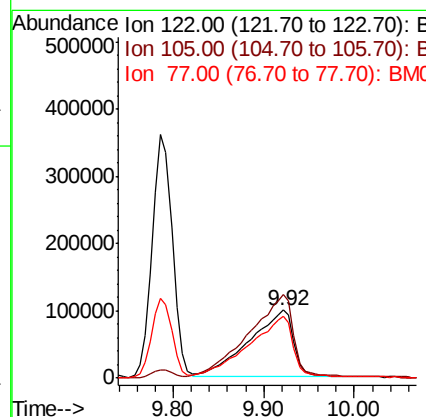
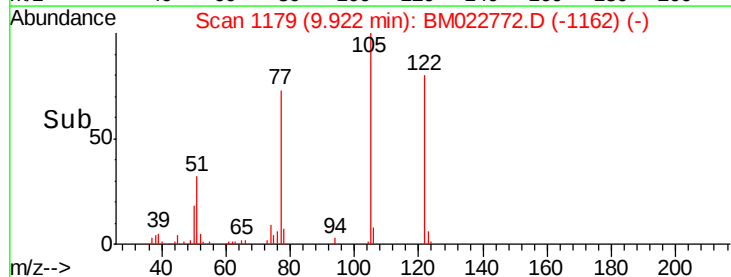
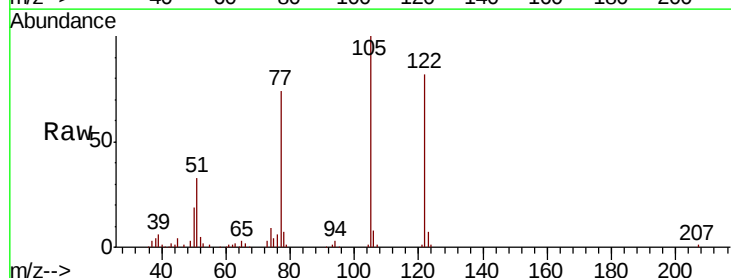
RT: 9.92 min Scan# 1179

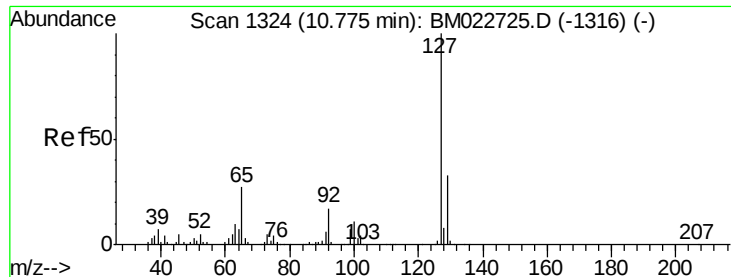
Delta R.T. 0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	122	Resp:	334733
Ion	Ratio	Lower	Upper
122	100		
105	122.0	105.3	145.3
77	90.5	74.7	114.7





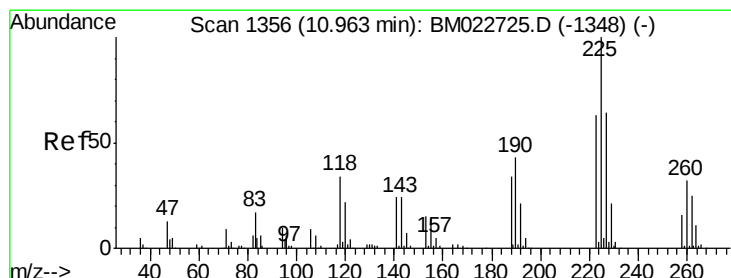
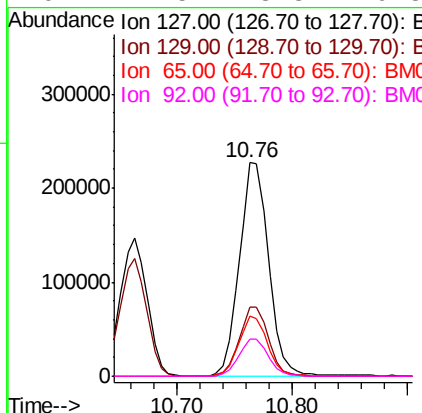
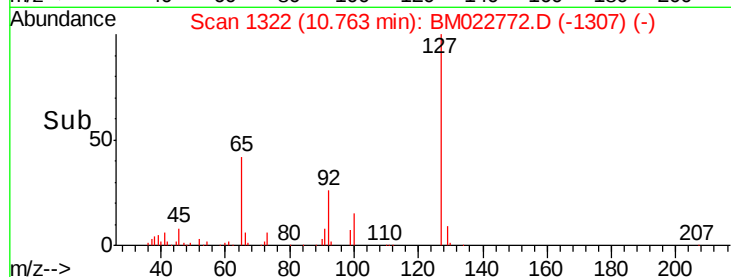
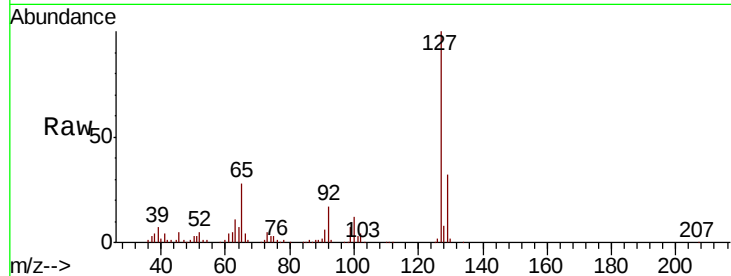
#33
4-Chloroaniline
Concen: 21.041 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.1	39.1	
65	27.9	22.0	33.0	
92	17.5	13.8	20.8	

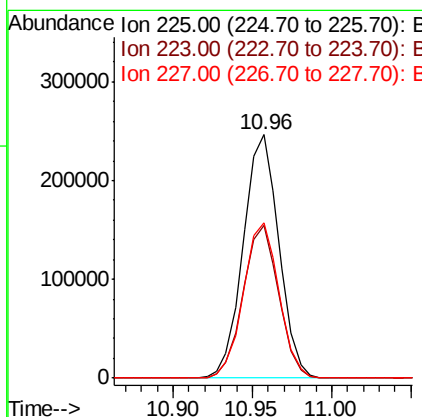
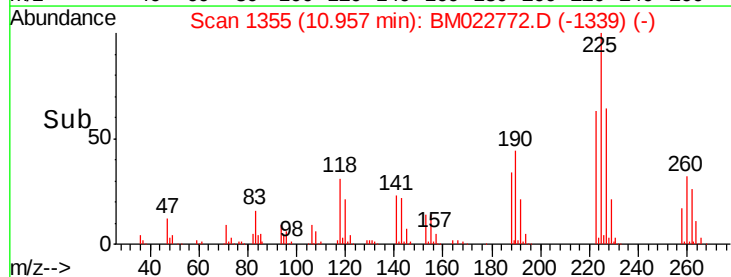
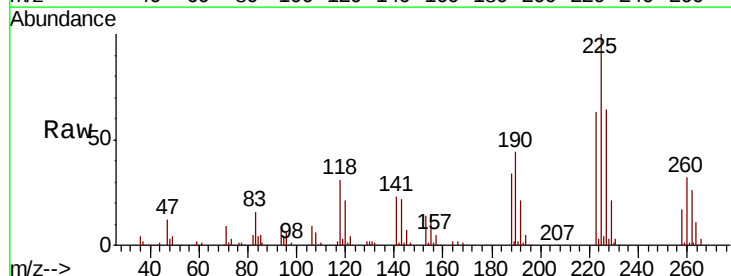
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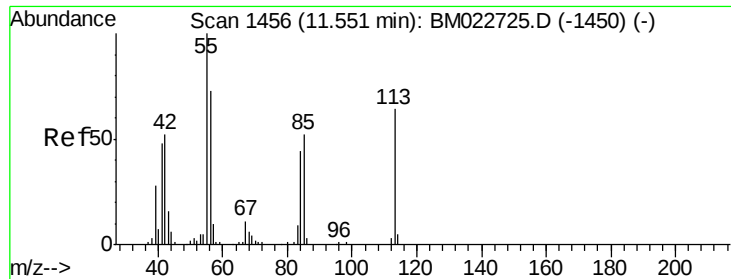
mohammad
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#34
Hexachlorobutadiene
Concen: 42.269 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.2	75.4	
227	63.7	51.0	76.4	





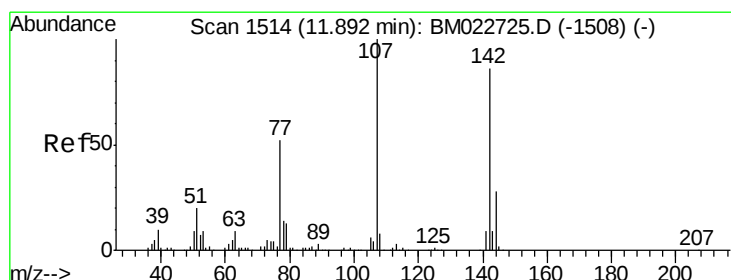
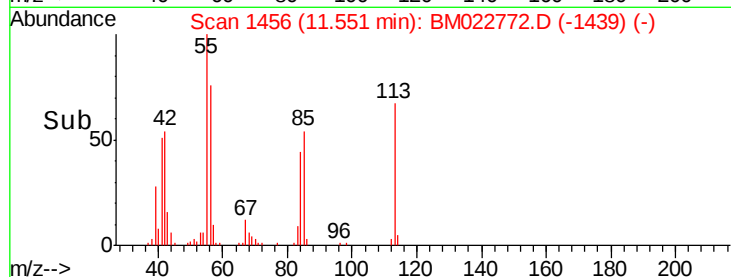
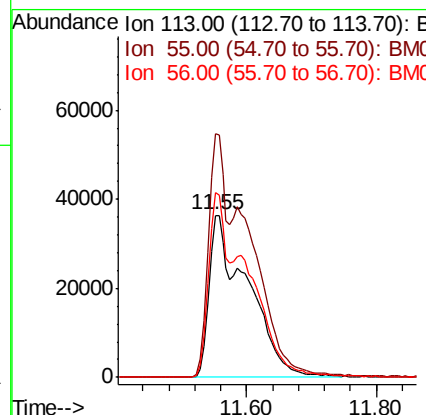
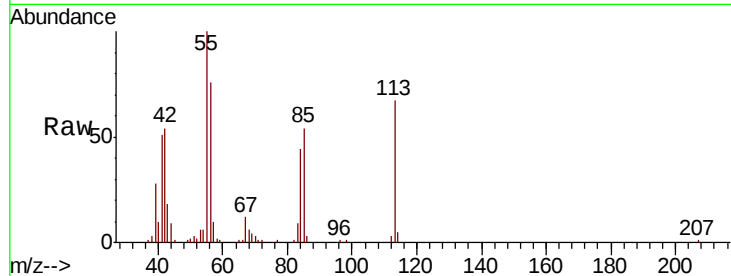
#35
 Caprolactam
 Concen: 41.346 ng/mL
 RT: 11.55 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.3	136.8	176.8
56	113.9	95.2	135.2

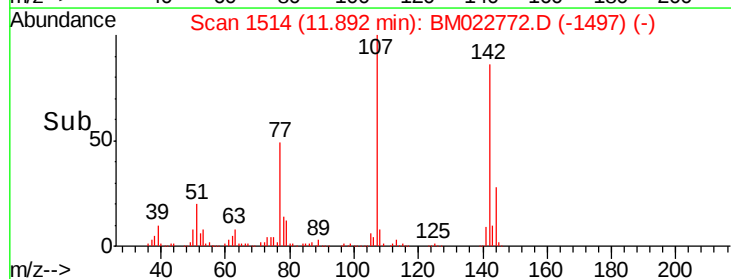
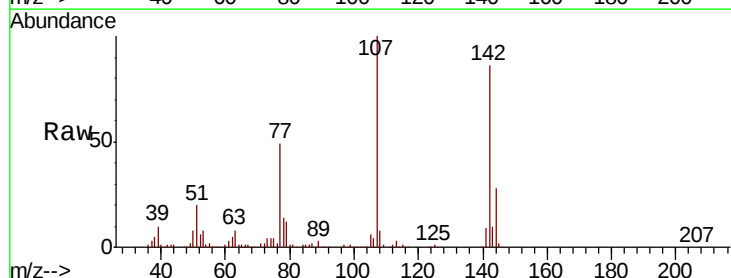
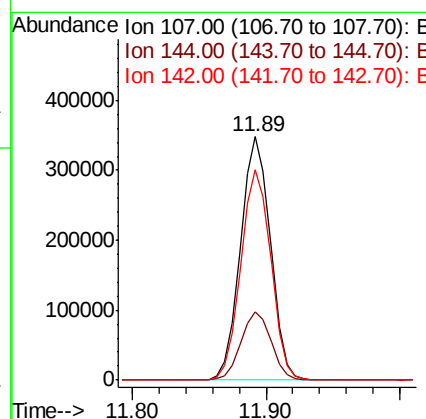
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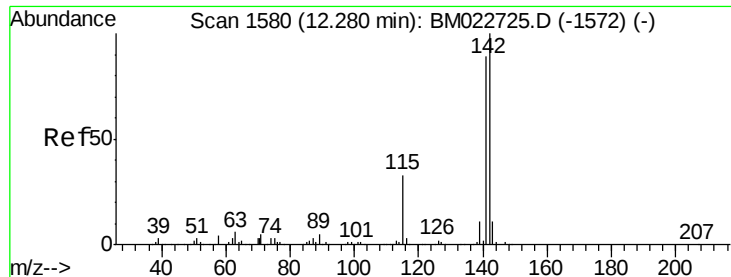
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.715 ng/mL
 RT: 11.89 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.4	33.6
142	86.2	68.2	102.4





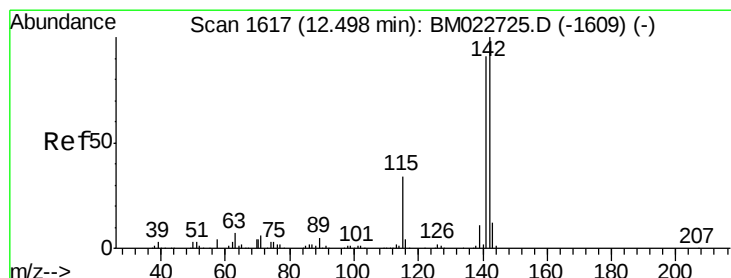
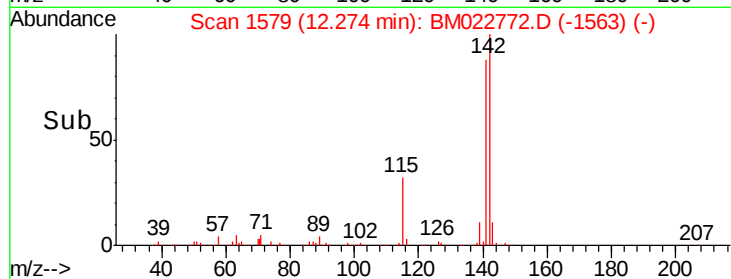
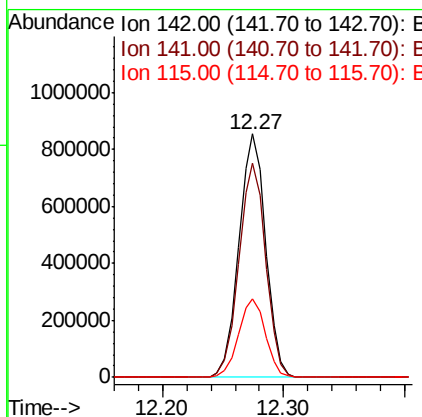
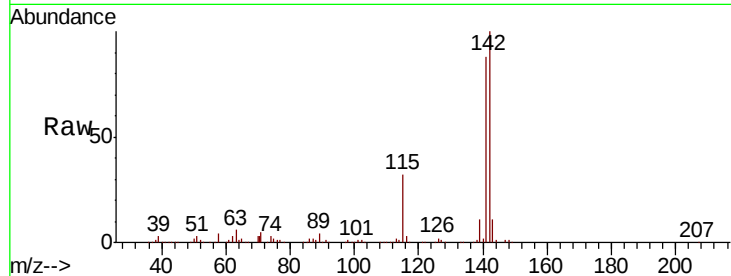
#37
2-Methylnaphthalene
Concen: 43.607 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.5	107.3
115	32.2	26.1	39.1

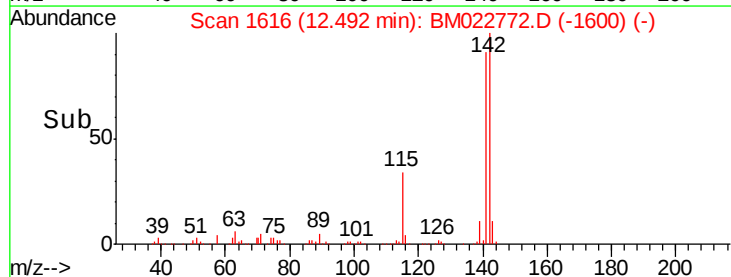
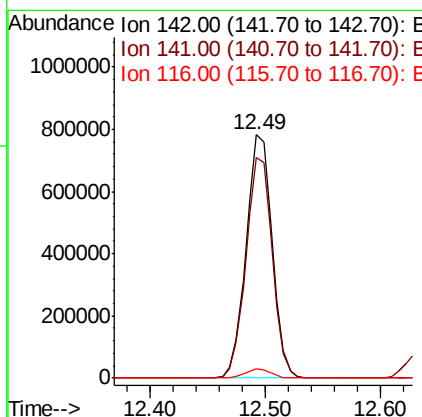
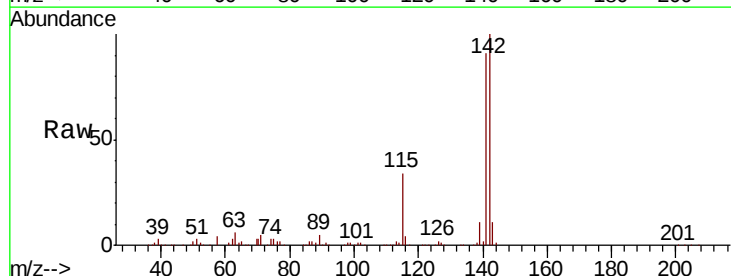
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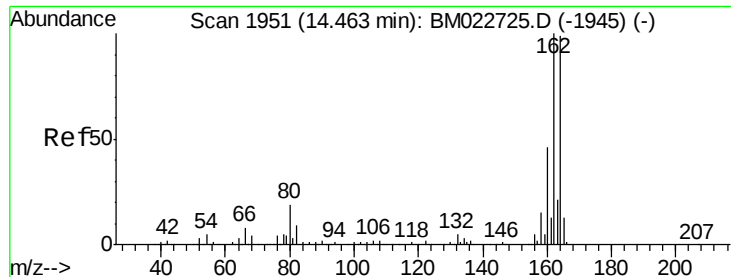
mohammad
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#38
1-Methylnaphthalene
Concen: 42.729 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.4
116	3.6	2.9	4.3





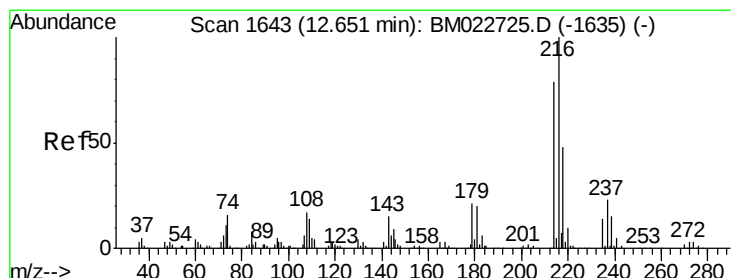
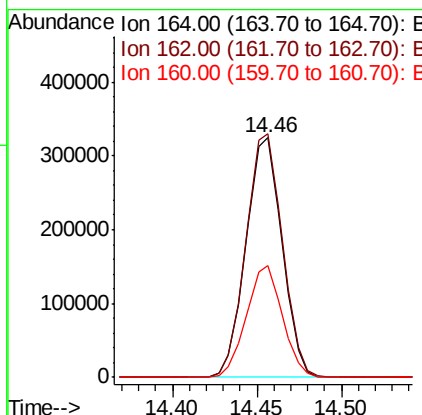
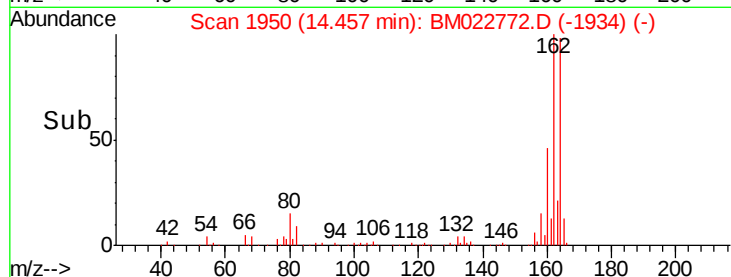
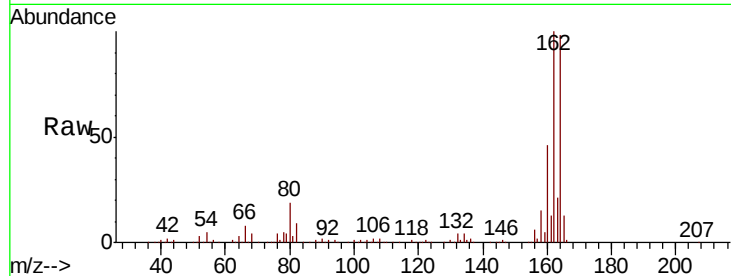
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	81.1	121.7	
160	46.5	36.9	55.3	

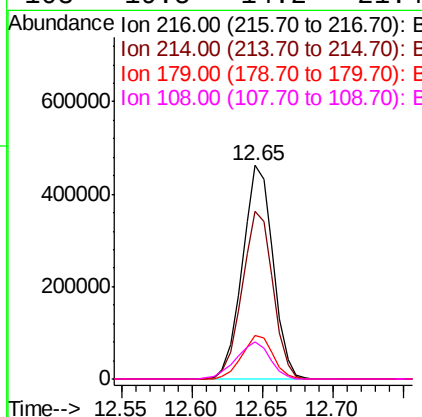
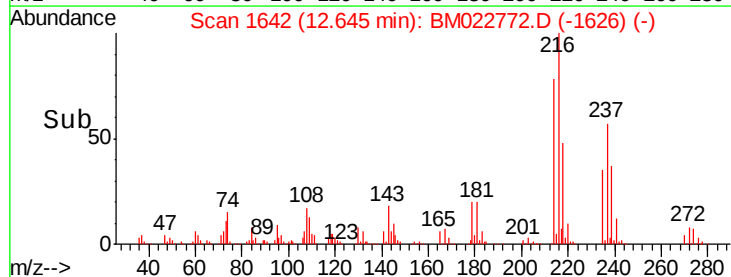
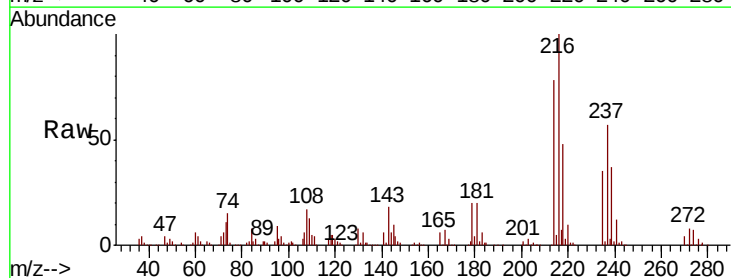
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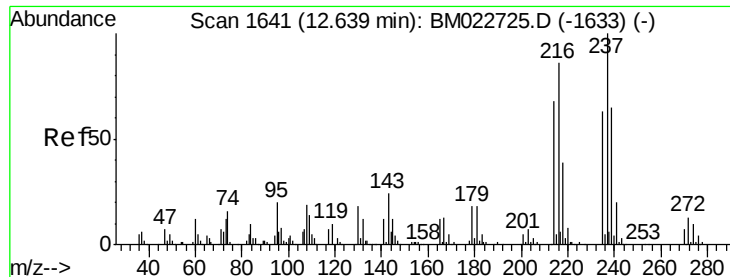
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.825 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	62.9	94.3	
179	20.4	16.6	24.8	
108	19.5	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 104.097 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

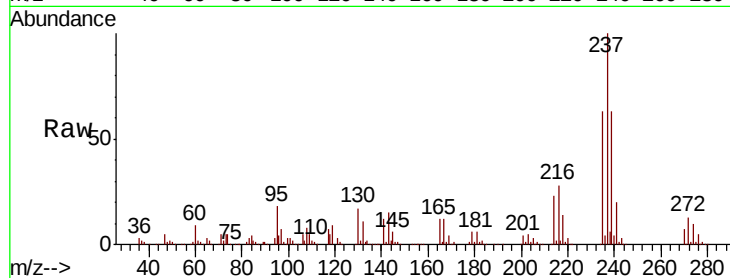
ClientSampleId :

PB123298BSD

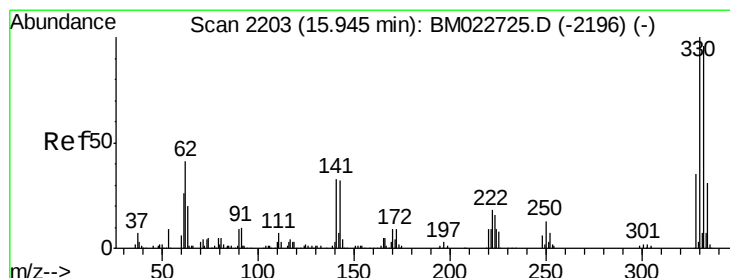
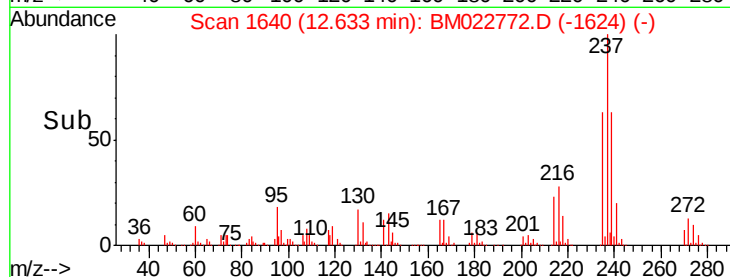
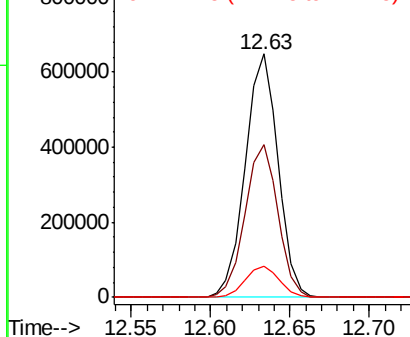
Tot Ion:	237	Resp:	930517
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	12.9	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 112.970 ng

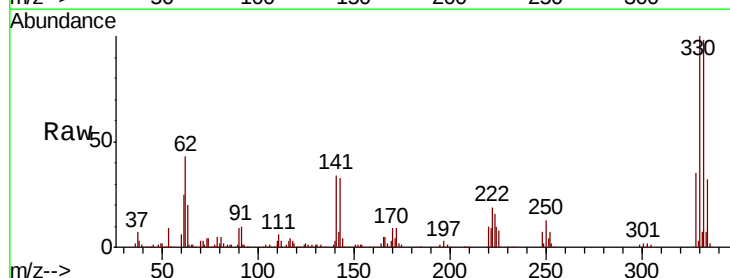
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

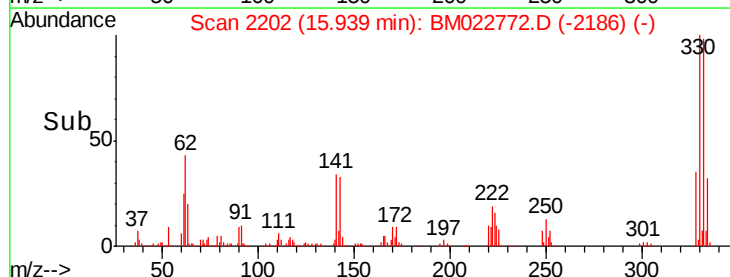
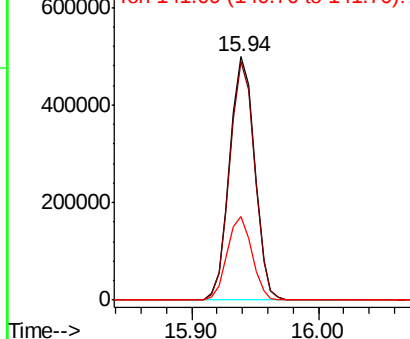
Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	330	Resp:	681874
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.9	115.3
141	34.1	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





#43

2,4,6-Trichlorophenol

Concen: 46.376 ng

RT: 12.88 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

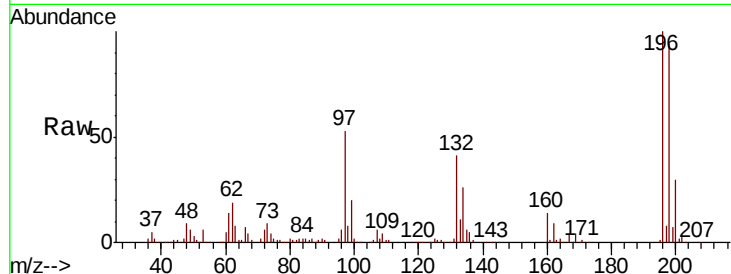
ClientSampleId :

PB123298BSD

Tot Ion:	196	Resp:	438524
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.3	114.5
200	30.3	24.4	36.6

Manual Integrations
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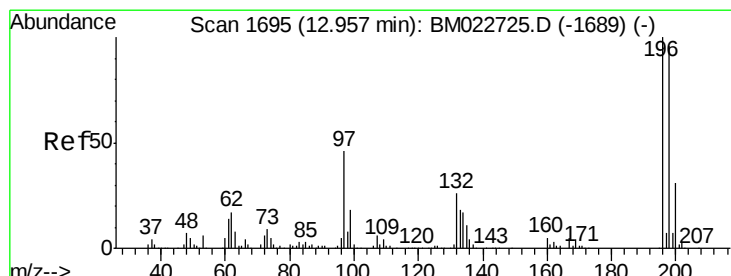
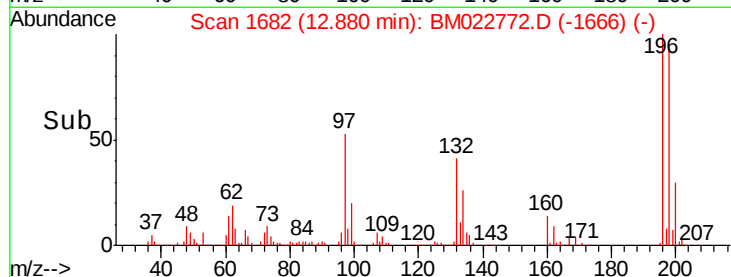
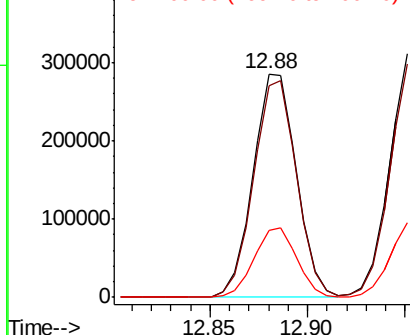


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.346 ng

RT: 12.95 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	196	Resp:	466539
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.0	115.4
97	46.7	37.2	55.8
132	26.2	20.8	31.2

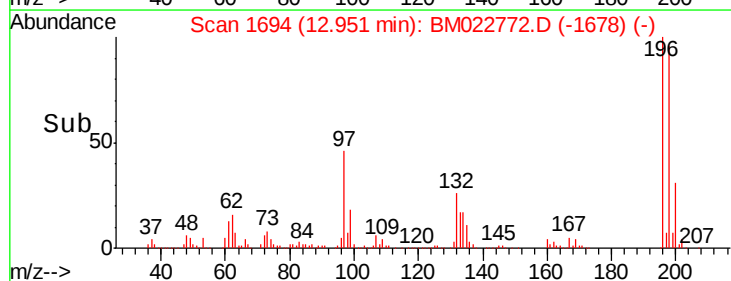
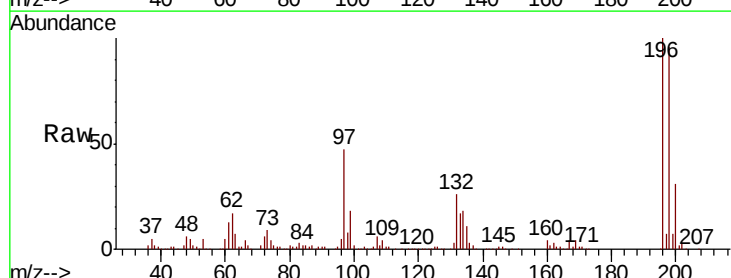
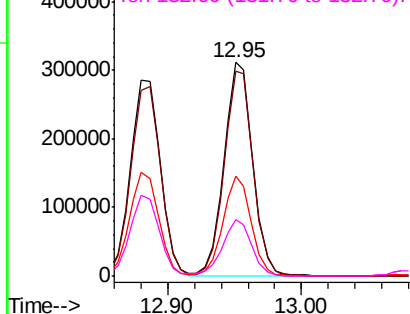
Abundance

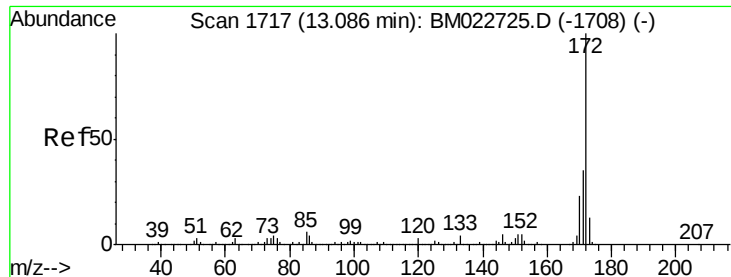
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





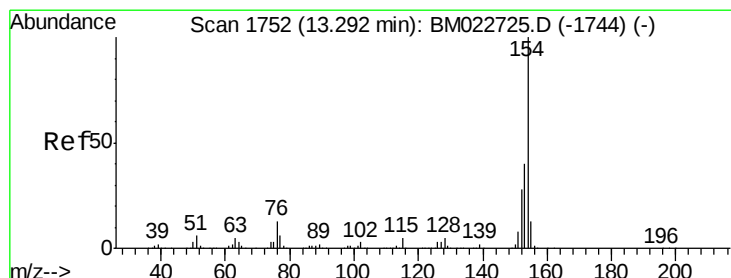
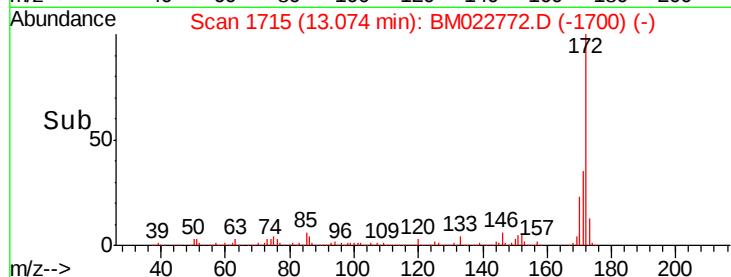
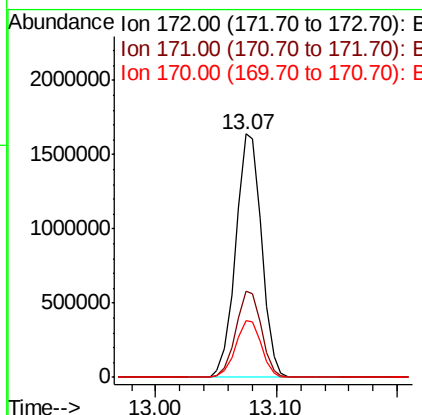
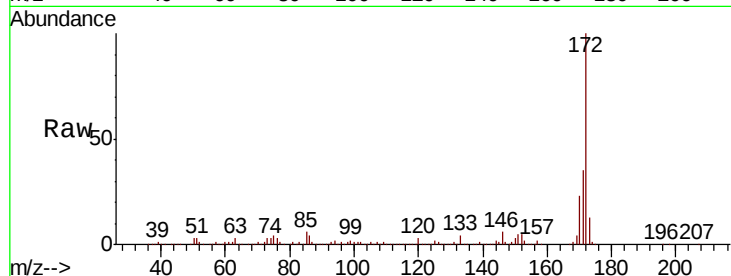
#45
2-Fluorobiphenyl
Concen: 69.452 ng
RT: 13.07 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

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

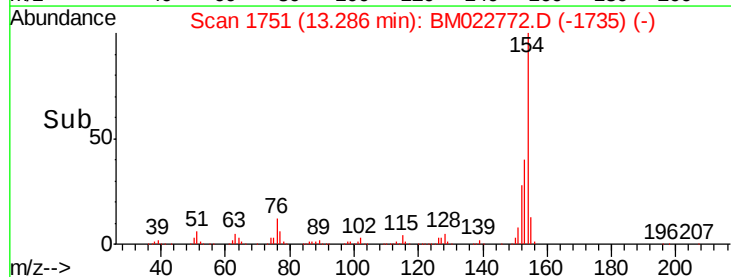
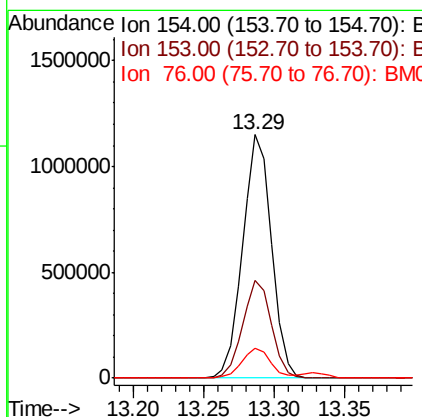
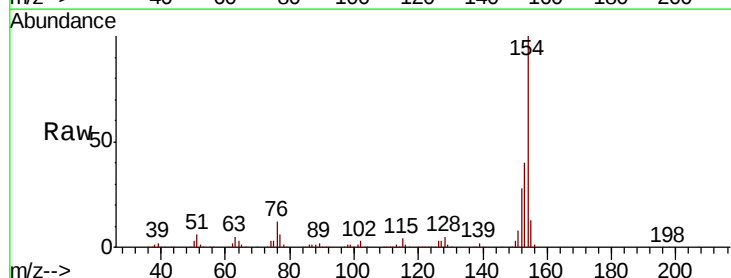
Manual Integrations
APPROVED

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#46
1,1'-Biphenyl
Concen: 41.030 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	12.4	0.0	32.6





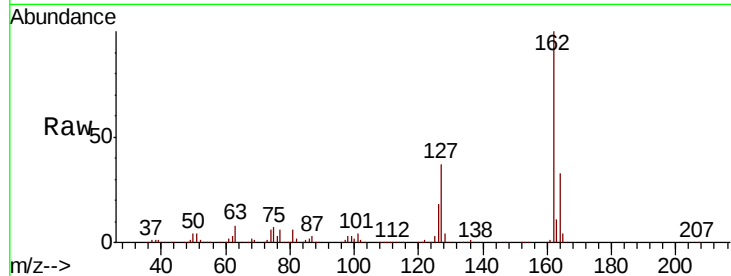
#47
2-Chloronaphthalene
Concen: 42.452 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.0	43.6
164	32.7	26.0	39.0

Manual Integrations
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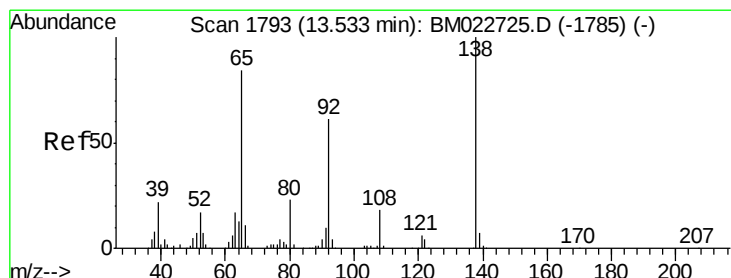
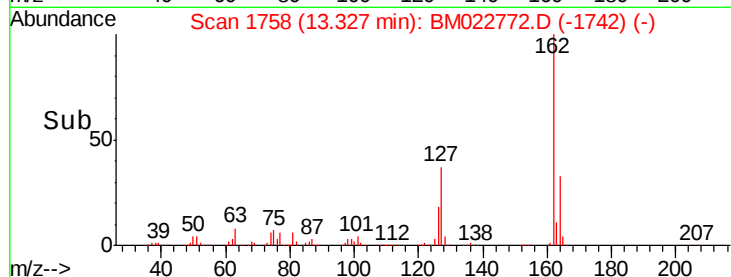
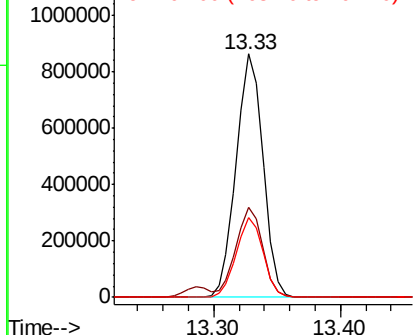


Abundance

Ion 162.00 (161.70 to 162.70): E

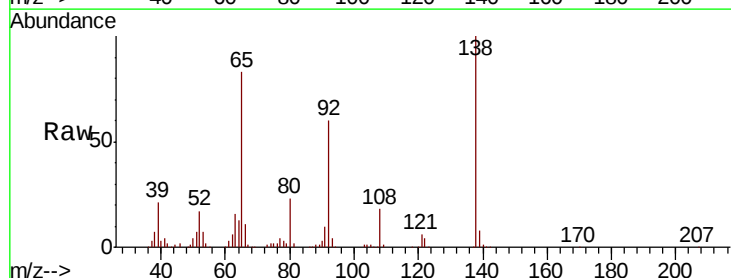
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.767 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.6	87.8
138	119.8	95.4	143.0

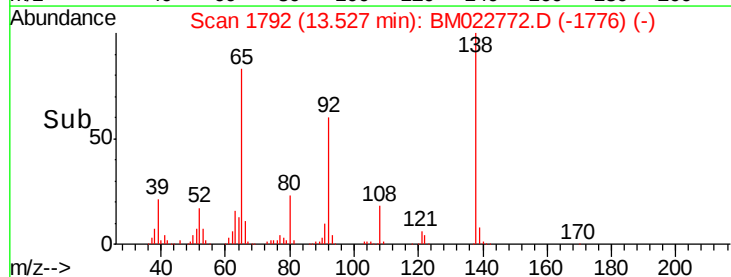
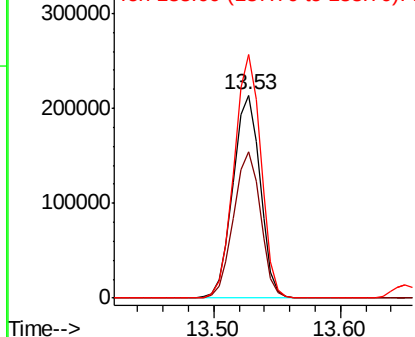


Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





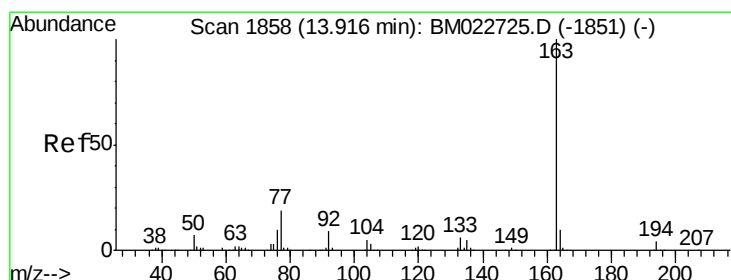
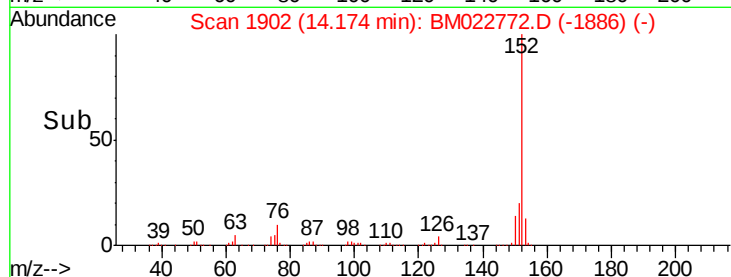
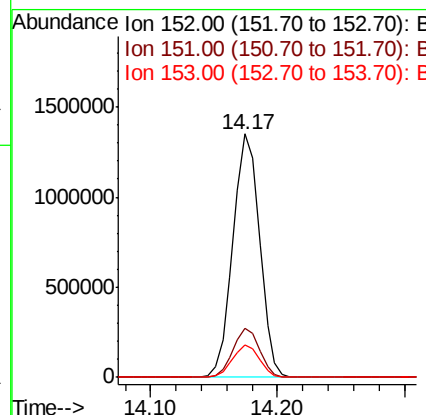
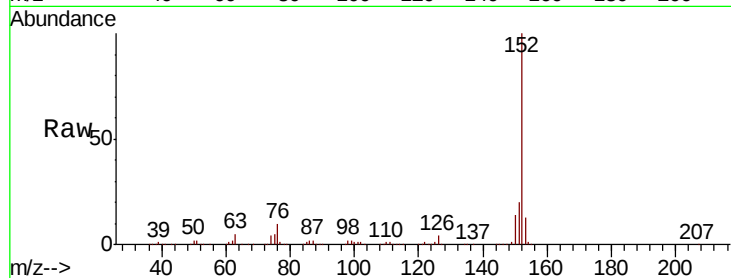
#49
Acenaphthylene
Concen: 44.510 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.5	15.7

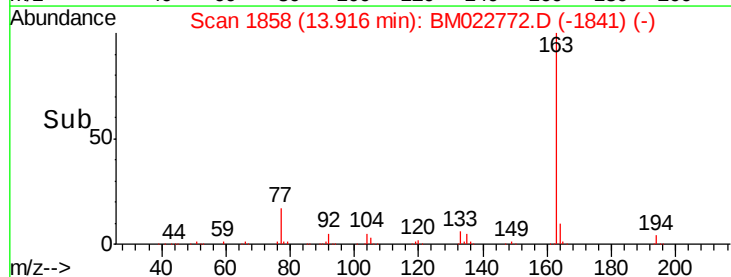
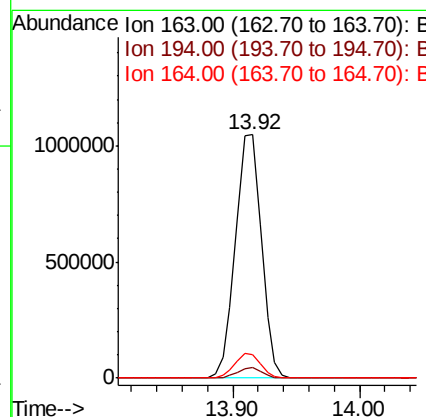
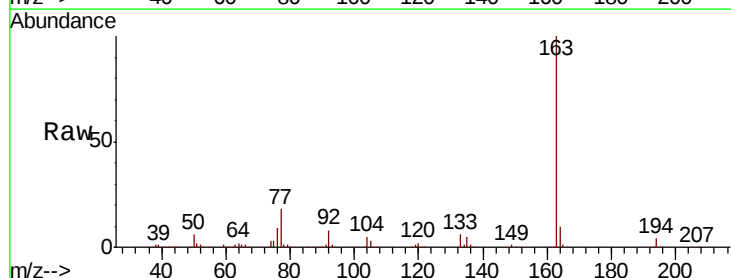
Manual Integrations
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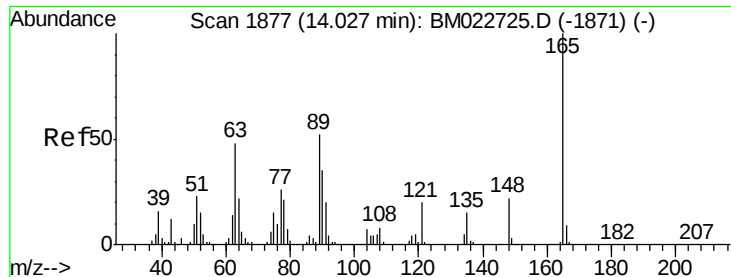
mohammad
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#50
Dimethylphthalate
Concen: 42.396 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	8.2	12.2





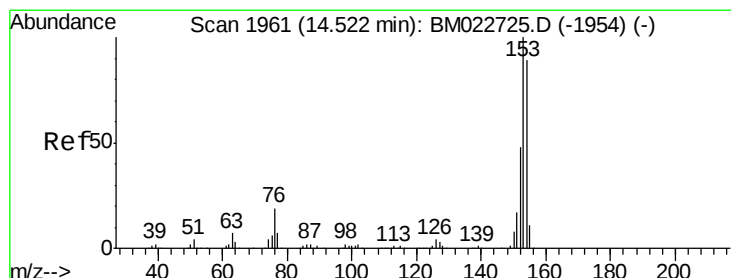
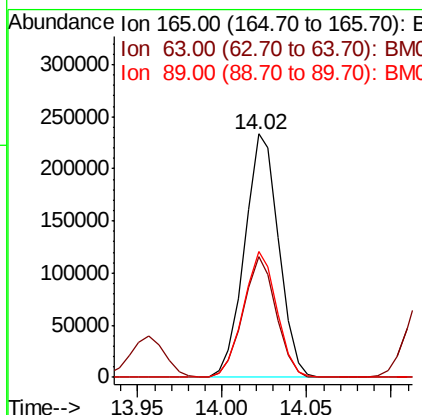
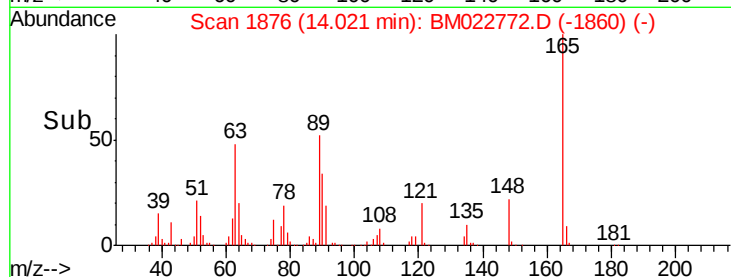
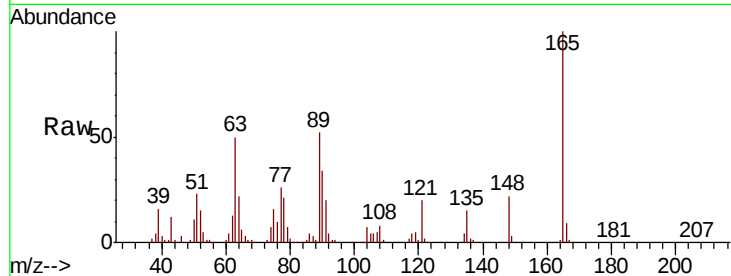
#51
 2,6-Dinitrotoluene
 Concen: 44.887 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion:	165	Resp:	328076
Ion Ratio	Lower	Upper	
165	100		
63	49.6	38.6	58.0
89	51.6	41.6	62.4

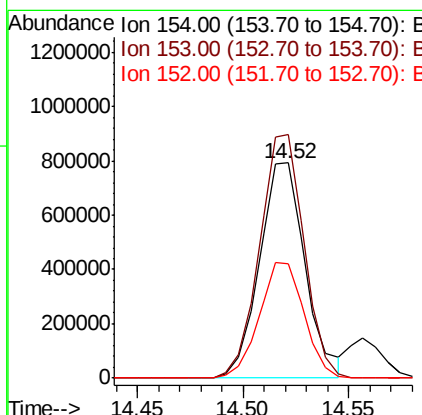
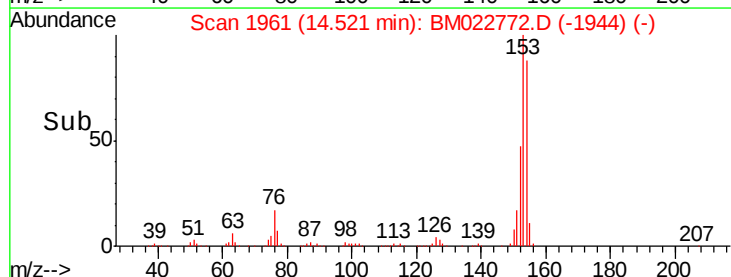
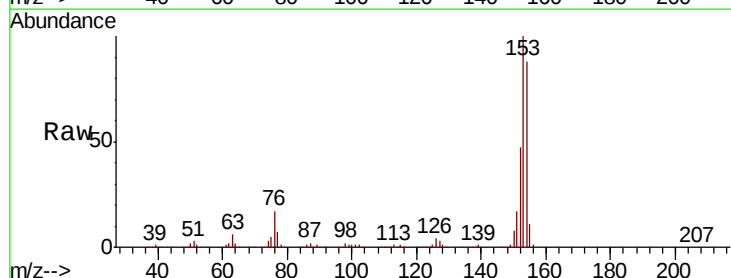
Manual Integrations
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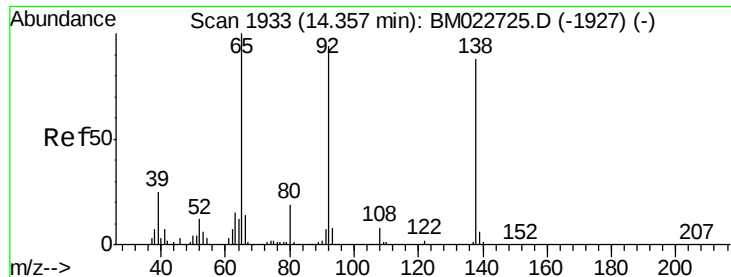
mohammad
 9/26/2019 3:54:50 PM



#52
 Acenaphthene
 Concen: 41.311 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion:	154	Resp:	1193717
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.0	135.0
152	53.4	42.9	64.3





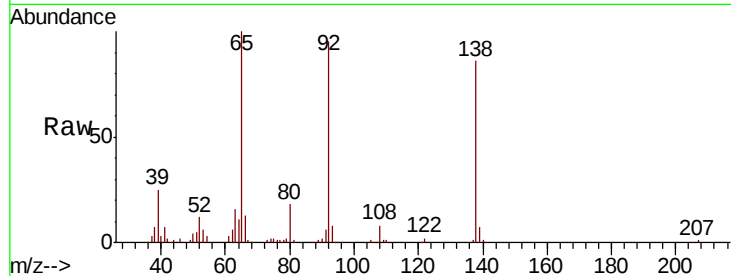
#53
3-Nitroaniline
Concen: 27.633 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

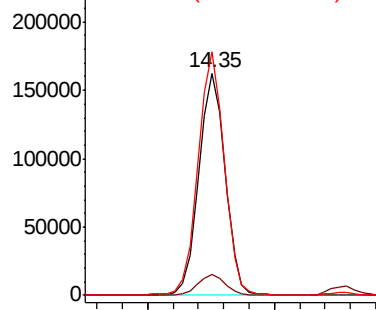
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.3	10.9
92	109.6	86.3	129.5

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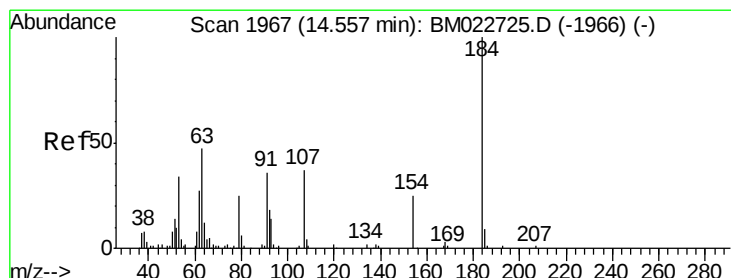
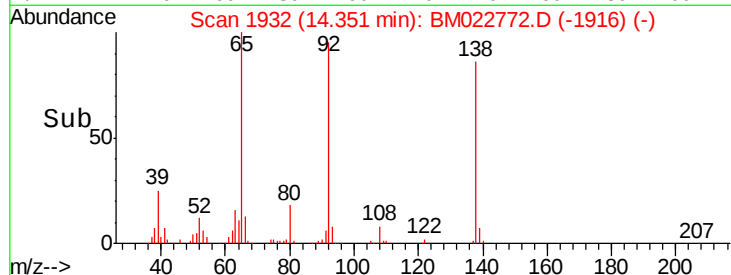
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

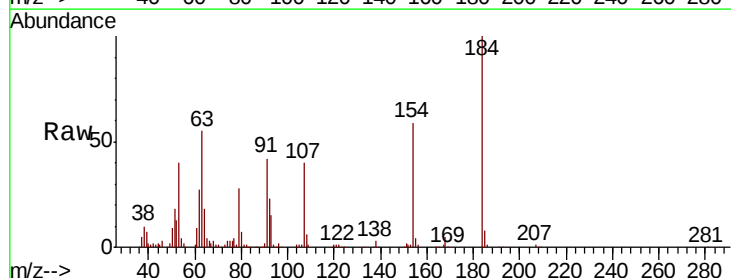


Time-->

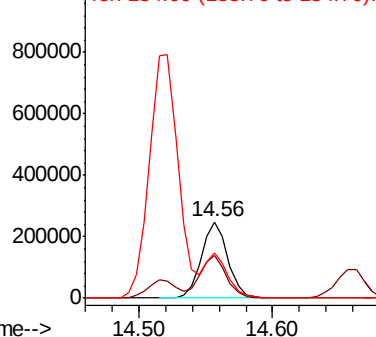


#54
2,4-Dinitrophenol
Concen: 86.095 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

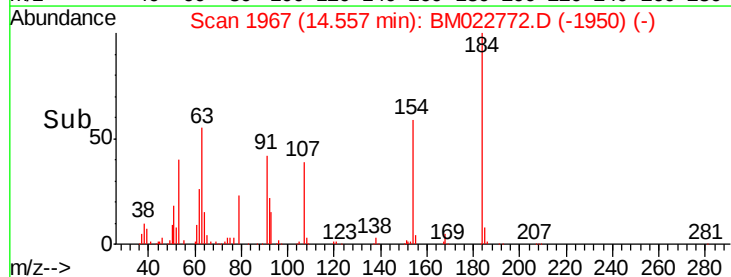
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	48.5	72.7
154	59.3	48.1	72.1

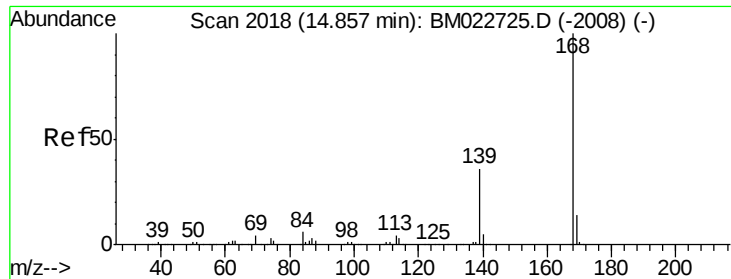


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E



Time-->





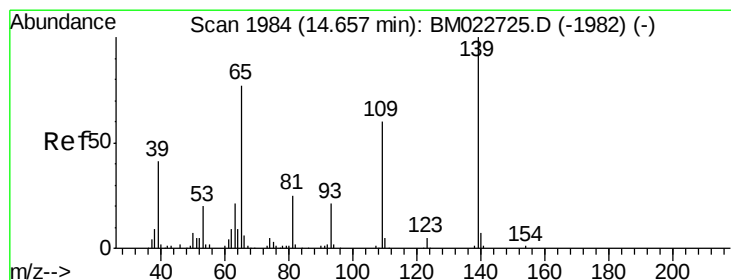
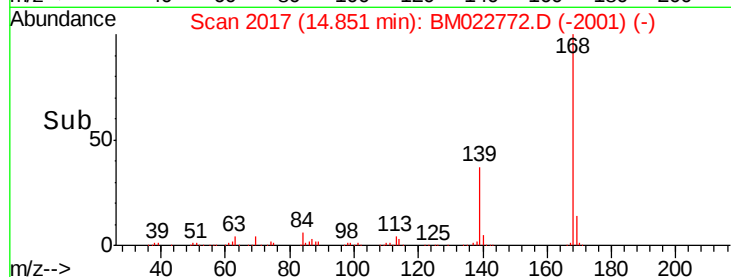
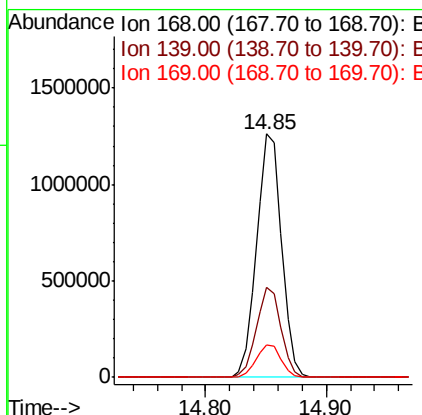
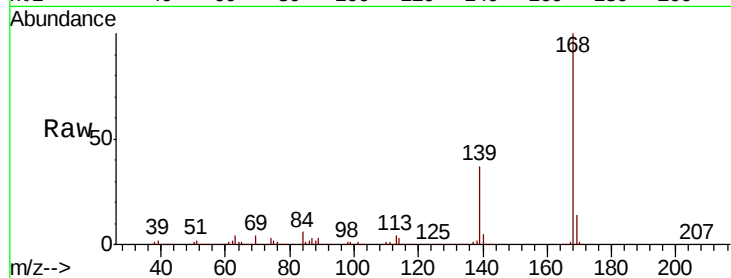
#55
Dibenzenofuran
Concen: 43.175 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.8	43.2
169	13.6	10.9	16.3

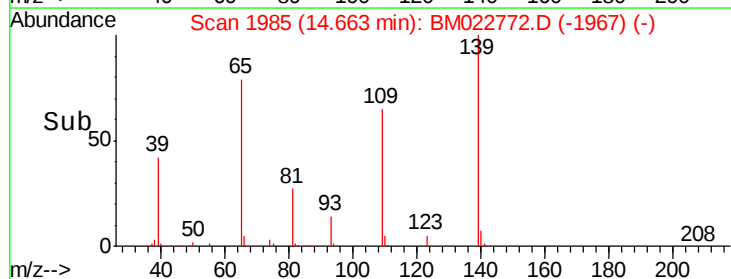
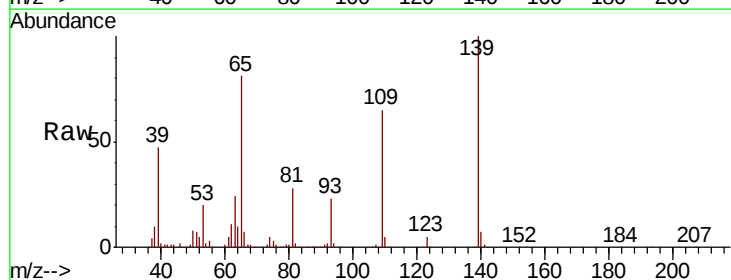
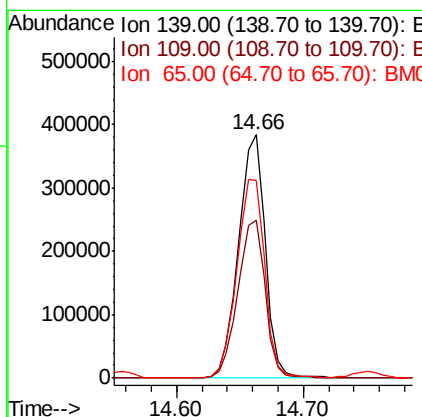
Manual Integrations
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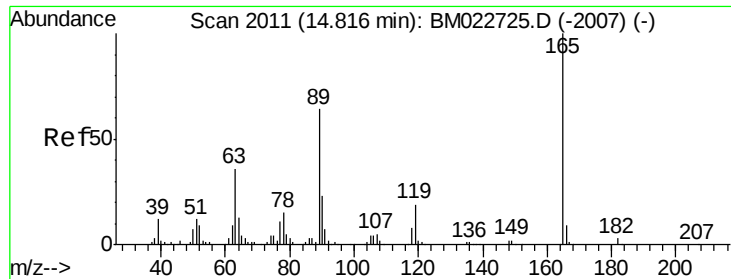
mohammad
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#56
4-Nitrophenol
Concen: 86.664 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	44.8	84.8
65	81.0	66.6	106.6





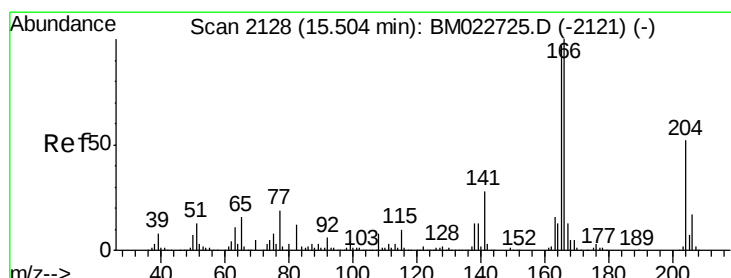
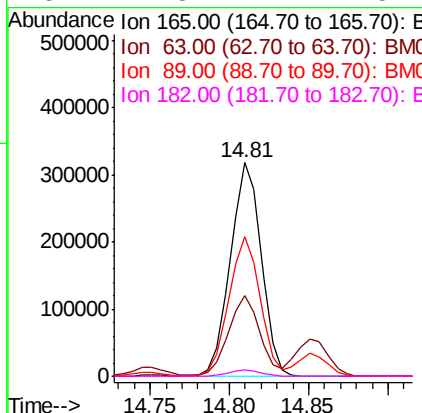
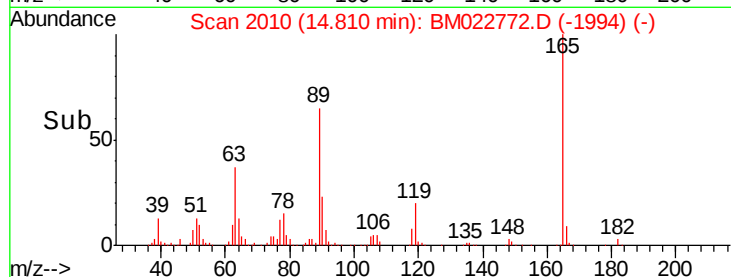
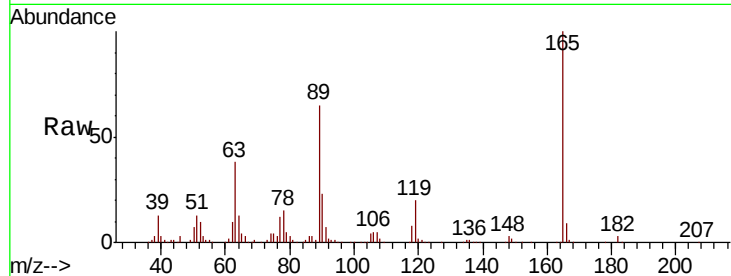
#57
2,4-Dinitrotoluene
Concen: 44.798 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	428945		
63	37.5	30.1	45.1	
89	65.4	52.5	78.7	
182	2.8	2.2	3.4	

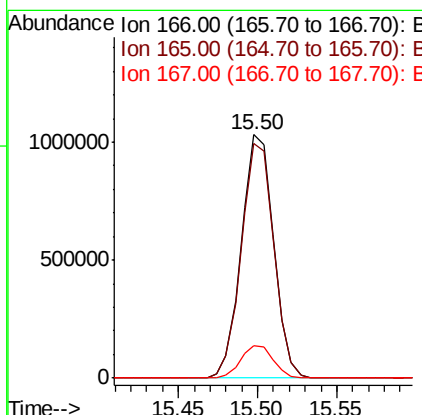
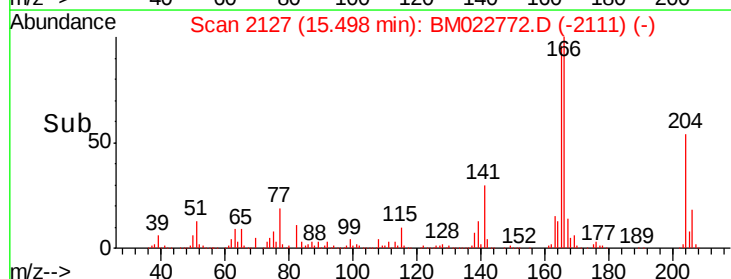
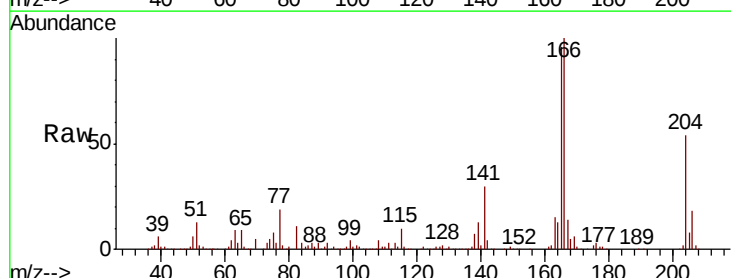
Manual Integrations
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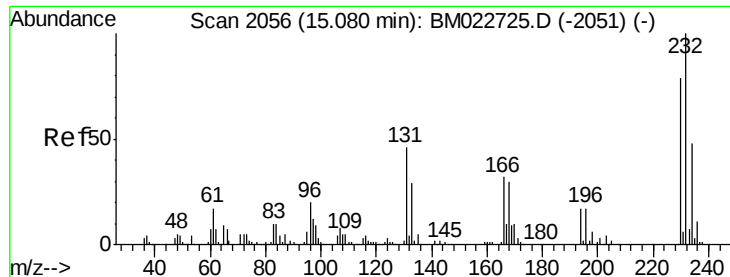
mohammad
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#58
Fluorene
Concen: 42.598 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1460299		
165	96.4	77.6	116.4	
167	13.5	10.8	16.2	





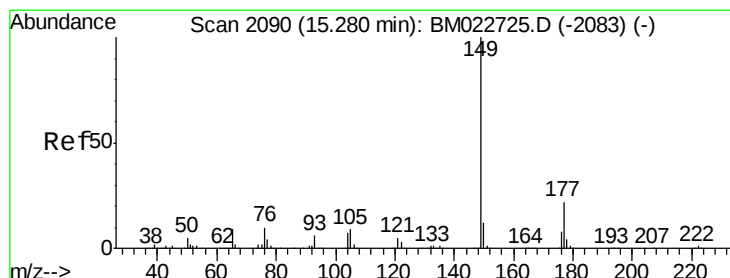
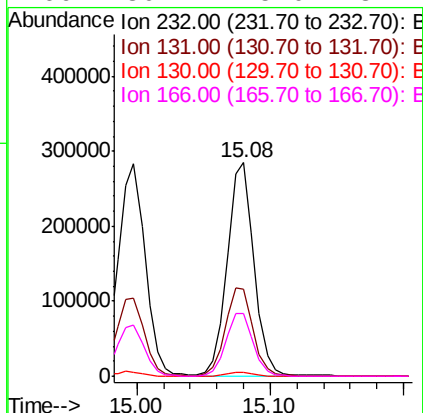
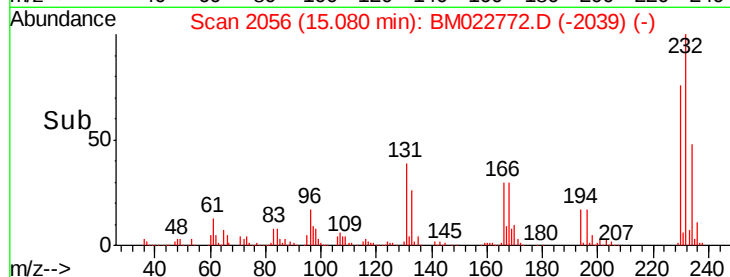
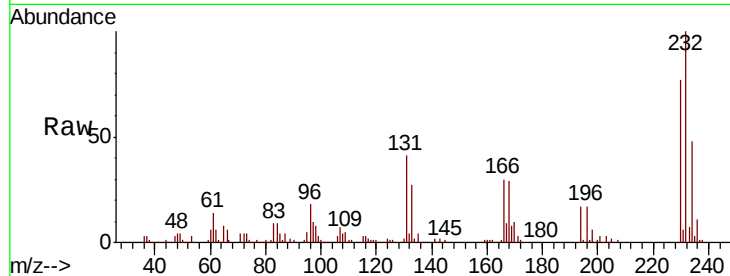
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.326 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	398107		
131	42.8	36.3	54.5	
130	2.1	1.8	2.8	
166	30.7	25.0	37.4	

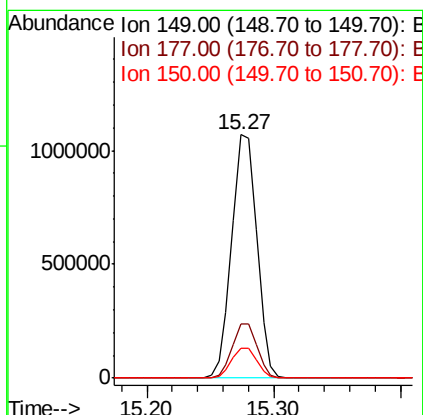
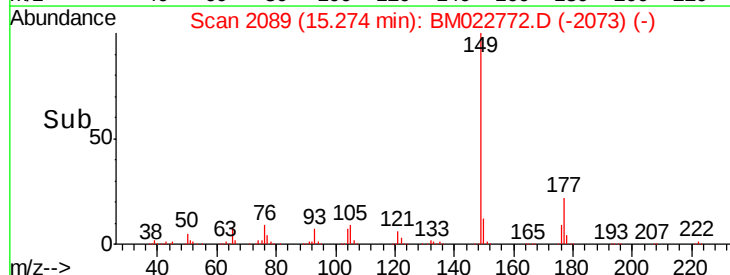
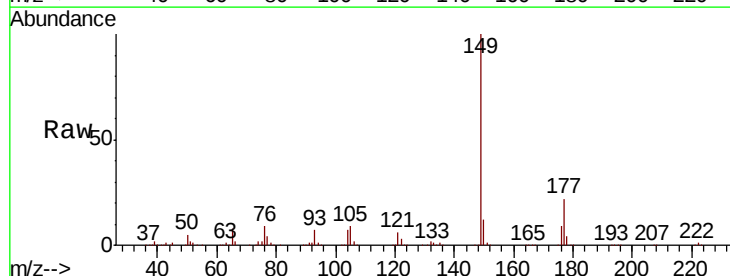
Manual Integrations
 APPROVED

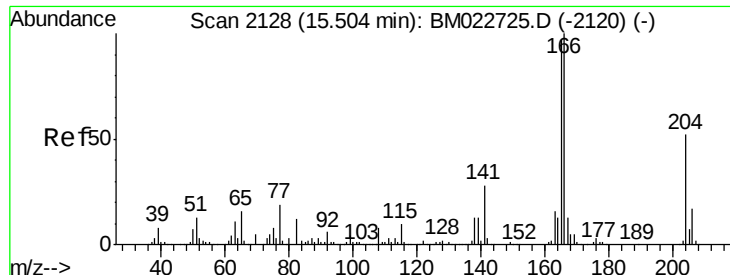
mohammad
 9/26/2019 3:54:50 PM



#60
 Diethylphthalate
 Concen: 43.203 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1467849		
177	22.1	17.6	26.4	
150	12.5	9.9	14.9	





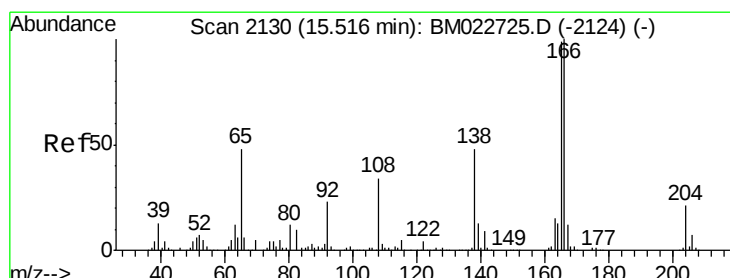
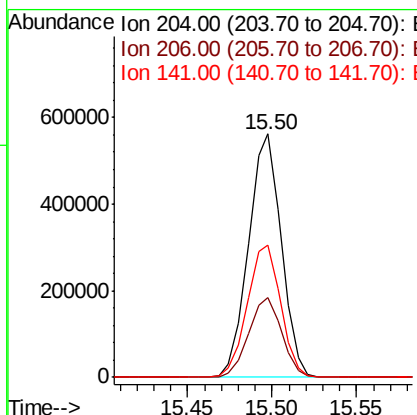
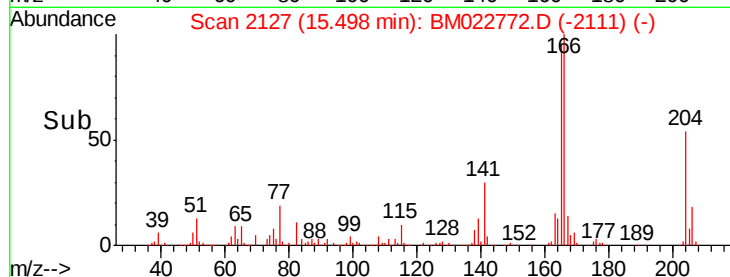
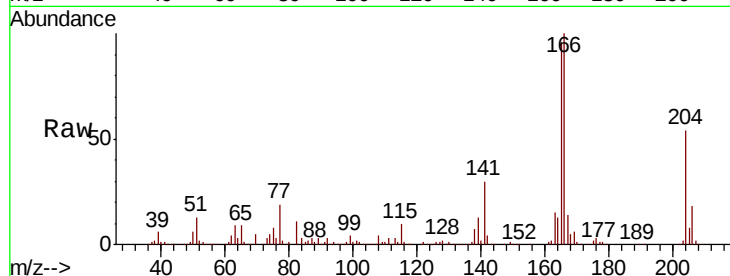
#61
 4-Chlorophenyl-phenylether
 Concen: 43.138 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	759824		
206	33.0	26.2	39.4	
141	54.3	42.6	64.0	

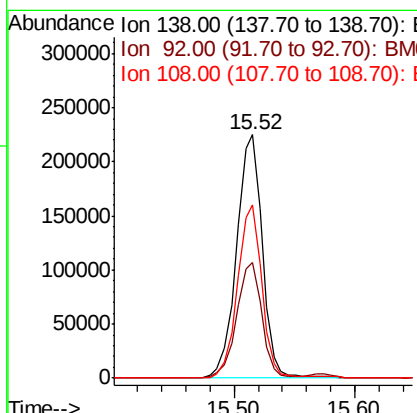
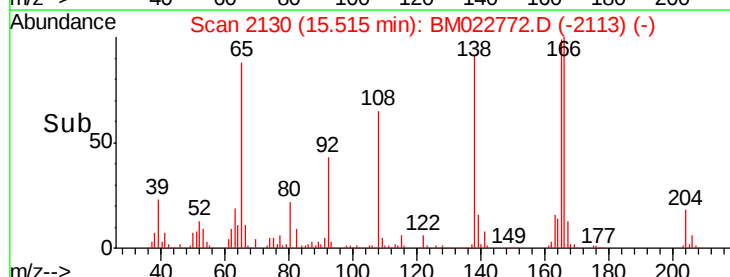
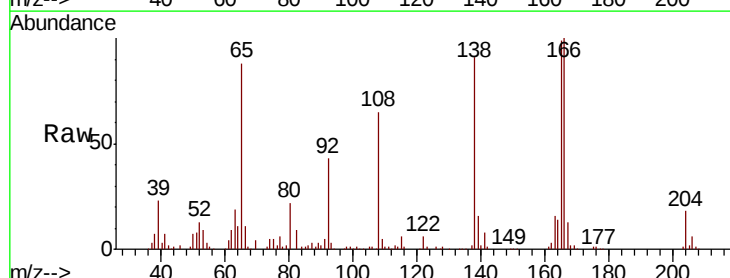
Manual Integrations
 APPROVED

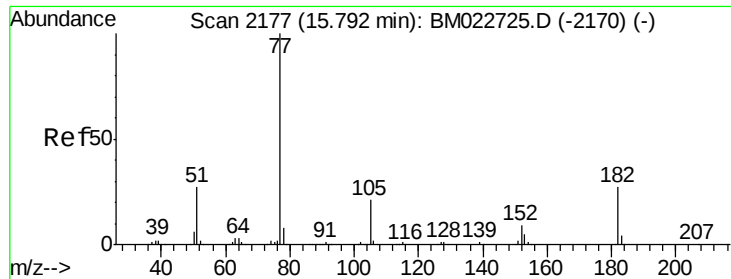
mohammad
 9/26/2019 3:54:50 PM



#62
 4-Nitroaniline
 Concen: 37.914 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	334458		
92	47.2	28.7	68.7	
108	71.1	50.3	90.3	





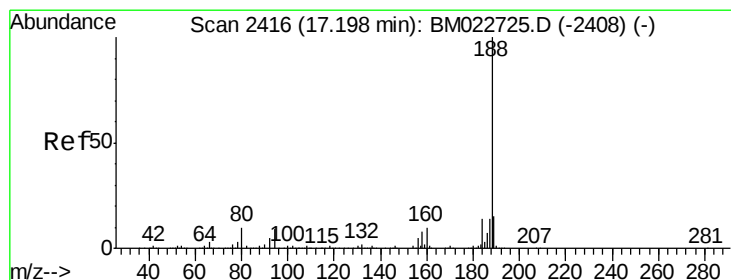
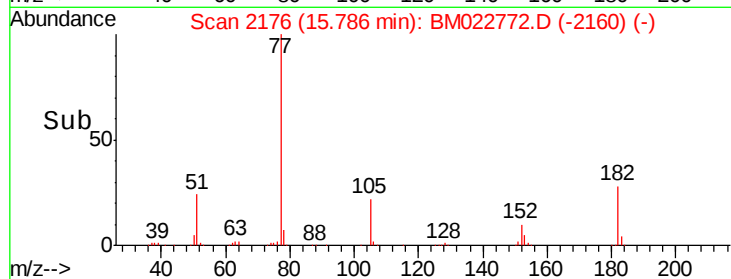
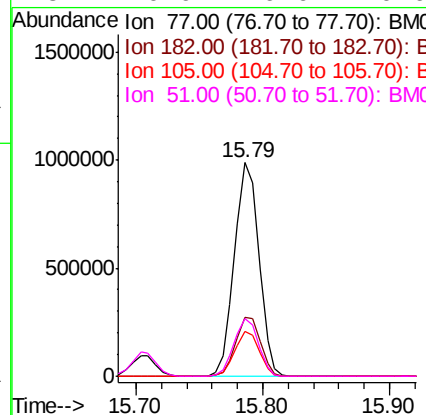
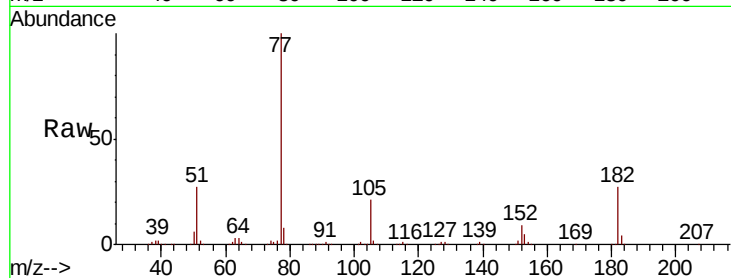
#63
Azobenzene
Concen: 42.870 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	7.0	47.0	
105	21.3	0.9	40.9	
51	26.9	6.6	46.6	

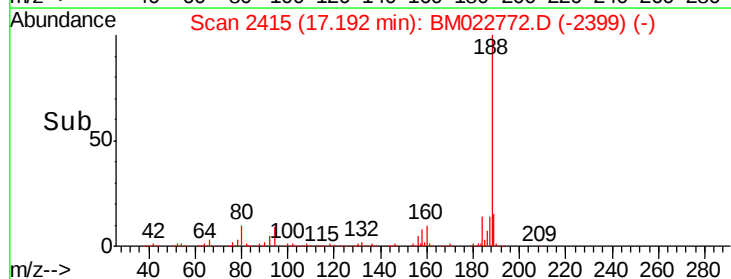
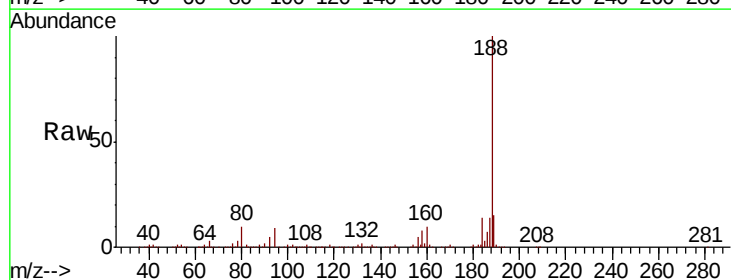
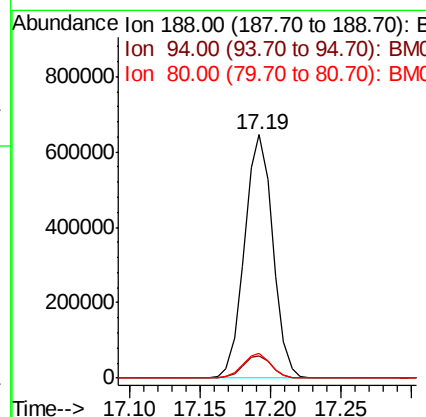
Manual Integrations
APPROVED

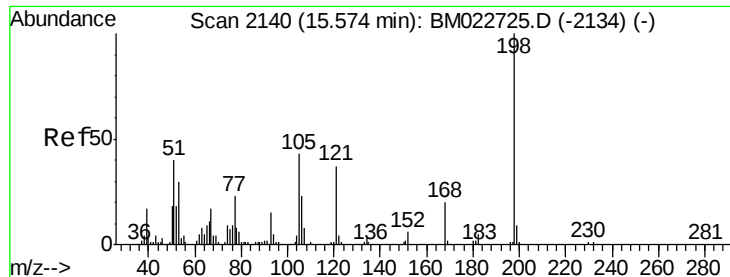
mohammad
9/26/2019 3:54:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.3	10.9	
80	10.0	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.273 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:198 Resp: 224860

Ion Ratio Lower Upper

198 100

51 37.2 21.0 61.0

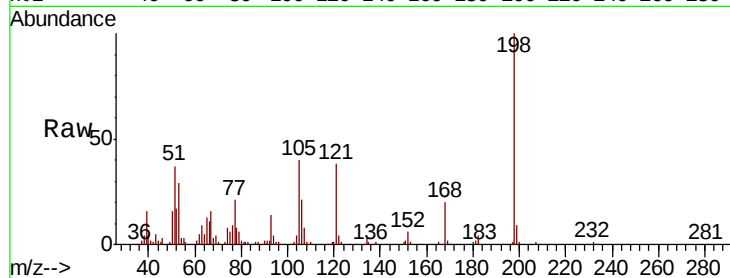
105 40.4 22.5 62.5

Manual Integrations

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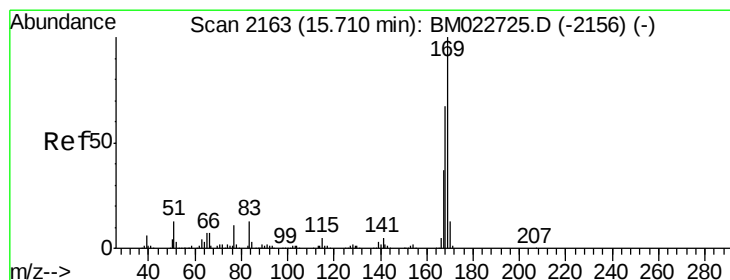
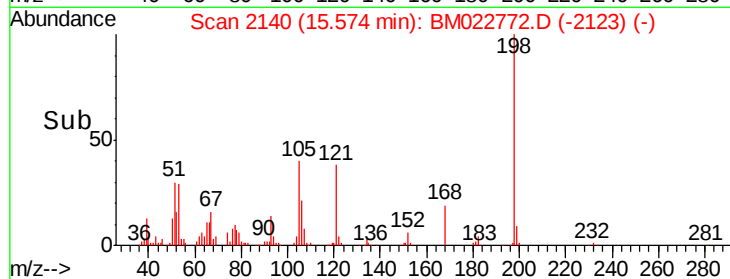
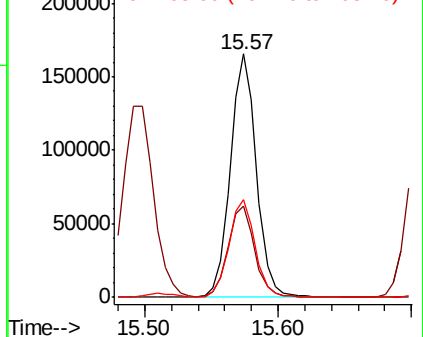
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.644 ng

RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

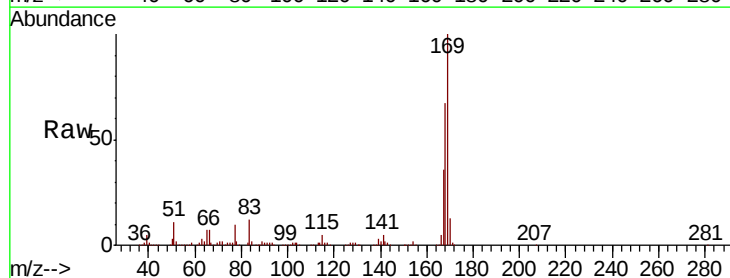
Tgt Ion:169 Resp: 1260644

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.2

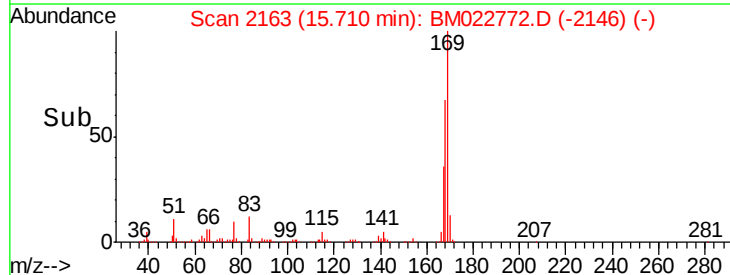
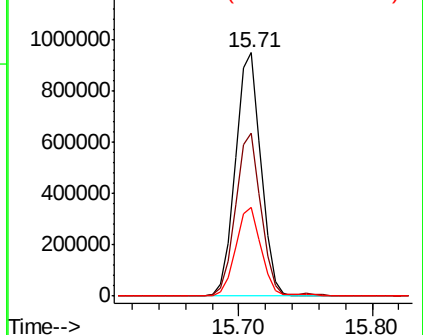
167 36.3 29.3 43.9

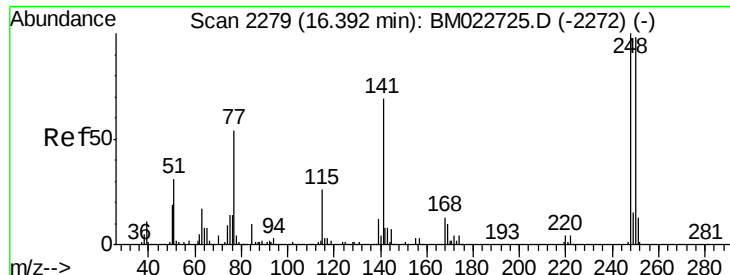


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.066 ng

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

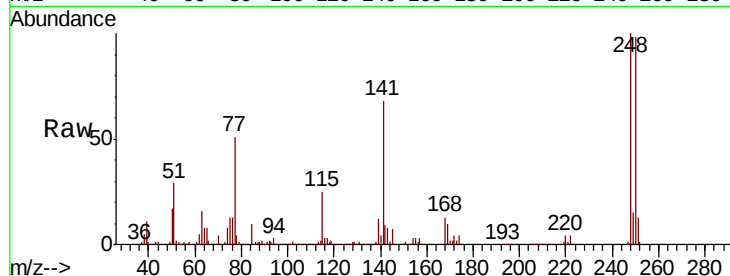
ClientSampleId :

PB123298BSD

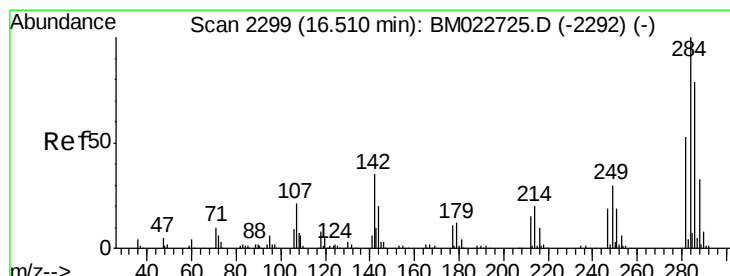
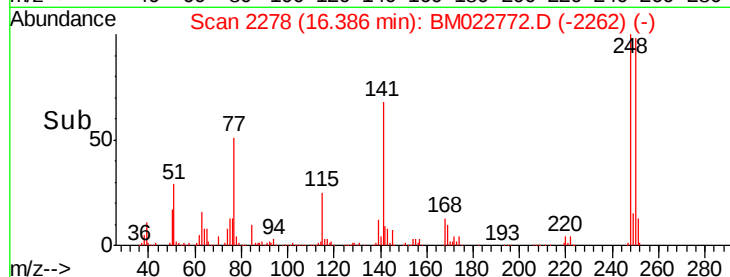
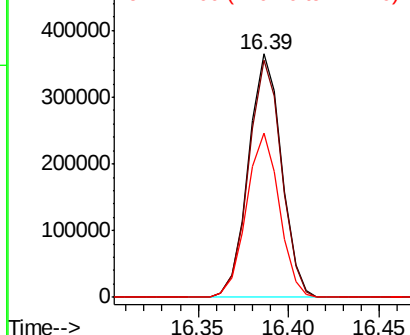
Tot Ion:	248	Resp:	463214
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.4	117.6
141	67.7	55.1	82.7

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.300 ng

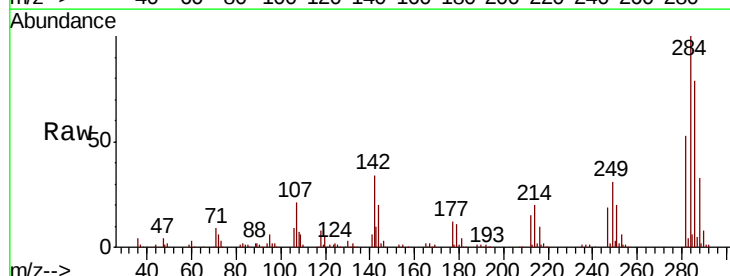
RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

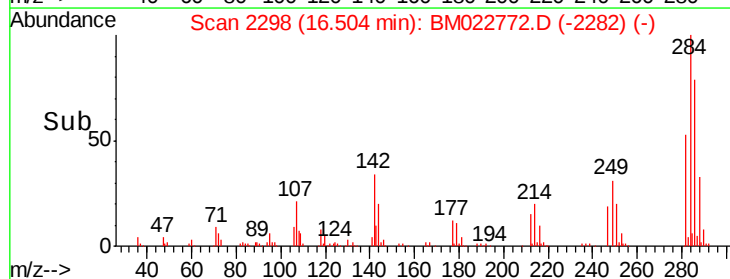
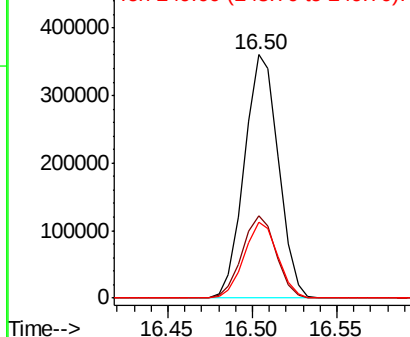
Lab File: BM022772.D

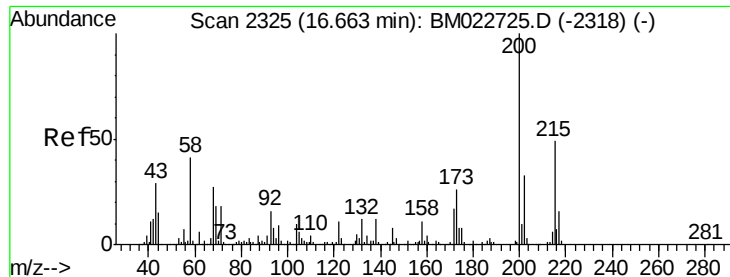
Acq: 25 Sep 2019 15:26

Tgt Ion:	284	Resp:	507755
Ion Ratio	Lower	Upper	
284	100		
142	33.9	27.8	41.8
249	31.1	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





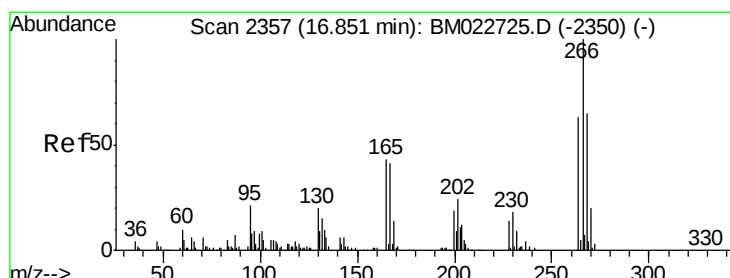
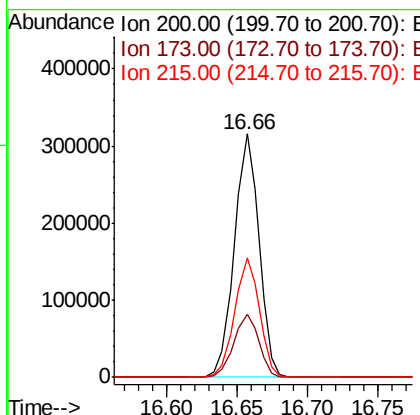
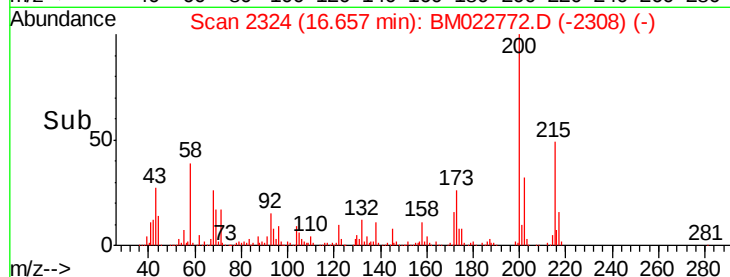
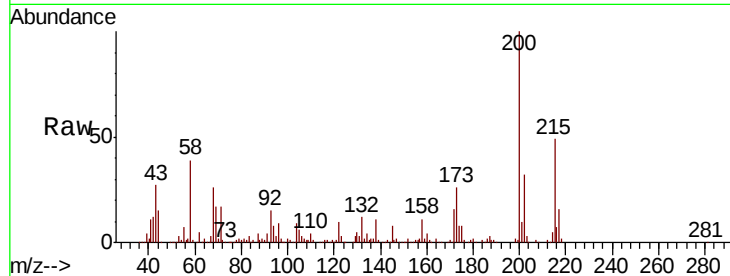
#69
Atrazine
Concen: 42.779 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	384089		
173	25.9		5.8	45.8
215	48.8		29.2	69.2

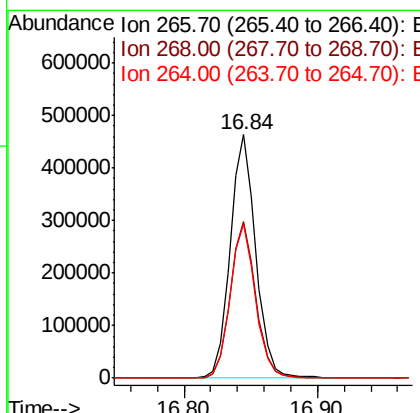
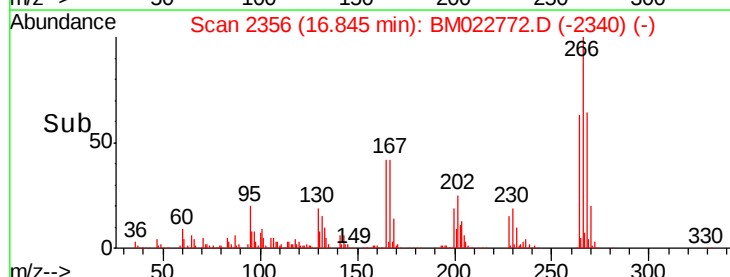
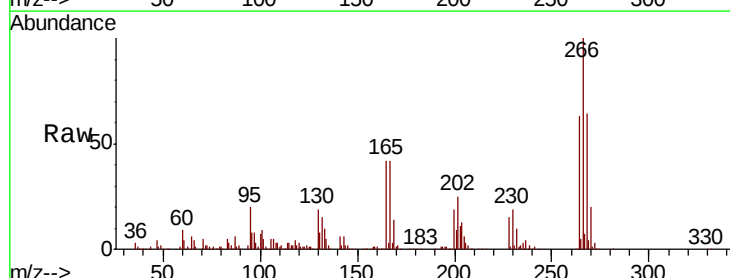
Manual Integrations
APPROVED

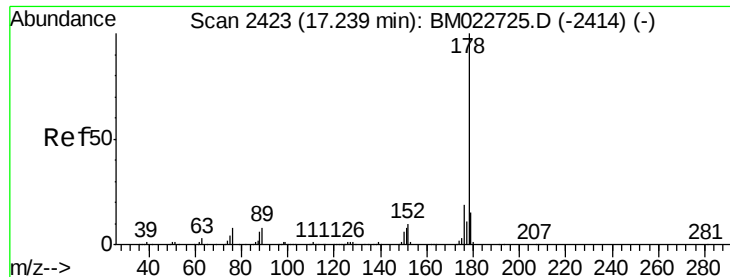
mohammad
9/26/2019 3:54:50 PM



#70
Pentachlorophenol
Concen: 98.965 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	618906		
268	64.1		51.8	77.6
264	63.4		50.2	75.4





#71

Phenanthrene

Concen: 42.087 ng

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:178 Resp: 2146974

Ion Ratio Lower Upper

178 100

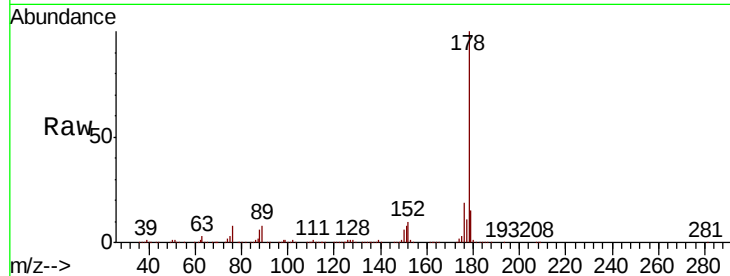
176 19.2 15.4 23.2

179 15.4 12.3 18.5

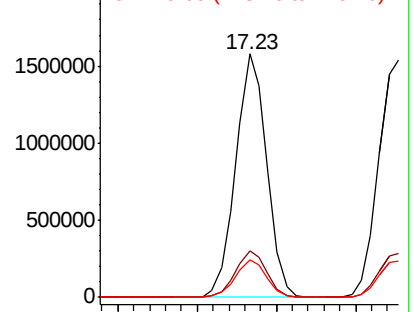
Manual Integrations
APPROVED

mohammad

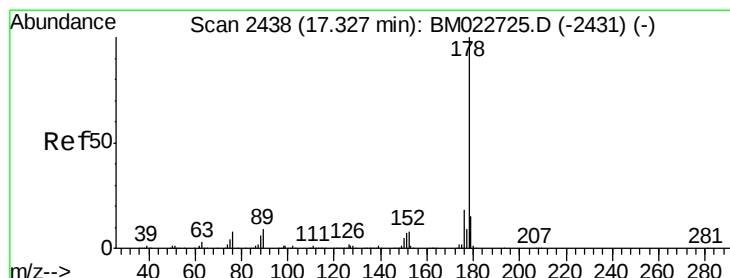
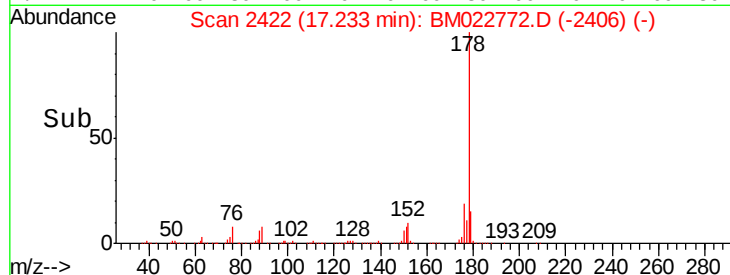
9/26/2019 3:54:50 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 43.832 ng

RT: 17.33 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

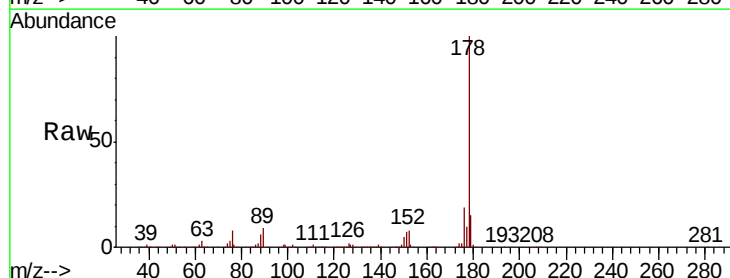
Tgt Ion:178 Resp: 2167018

Ion Ratio Lower Upper

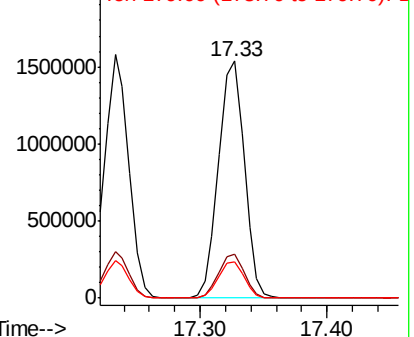
178 100

176 18.5 14.7 22.1

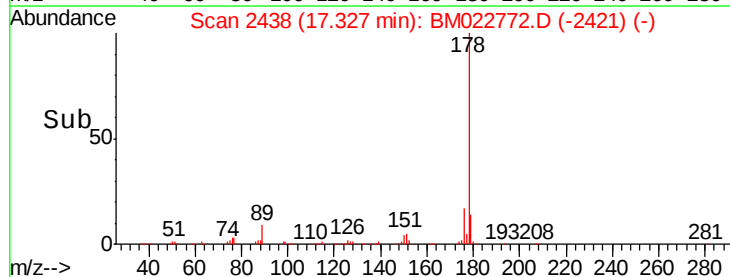
179 15.2 12.2 18.4

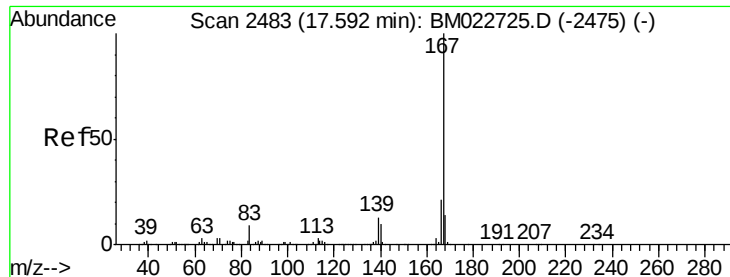


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





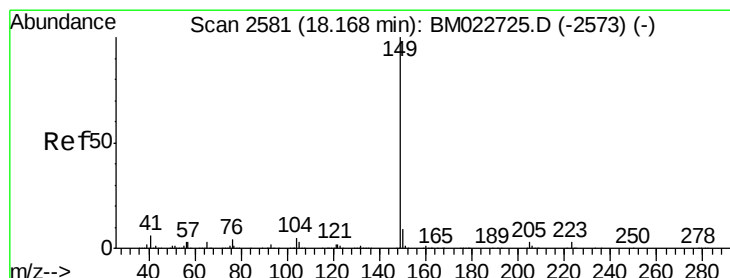
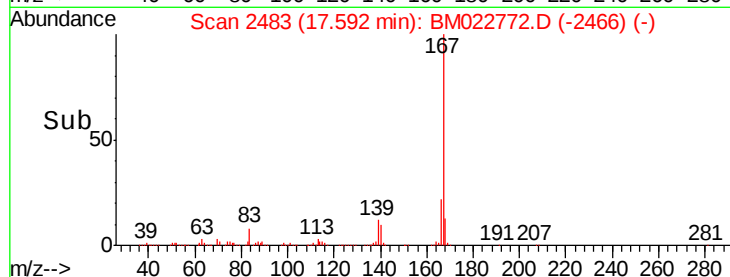
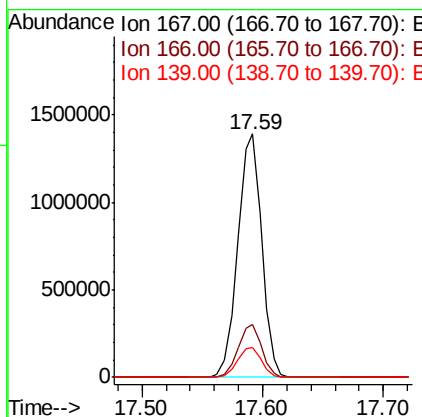
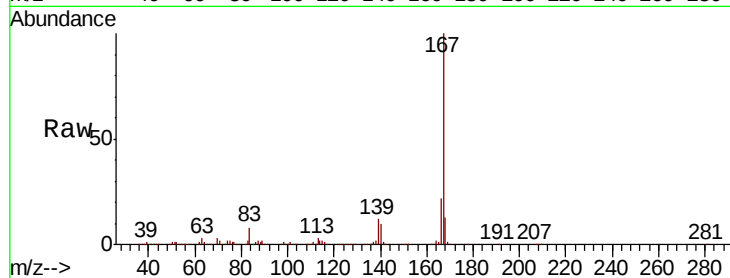
#73
 Carbazole
 Concen: 41.778 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.4	10.1	15.1

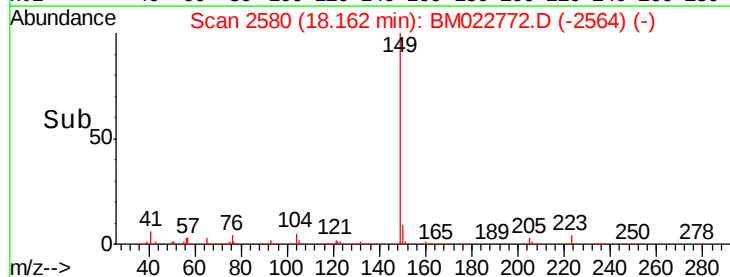
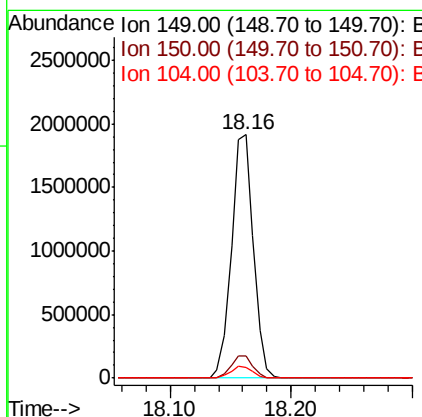
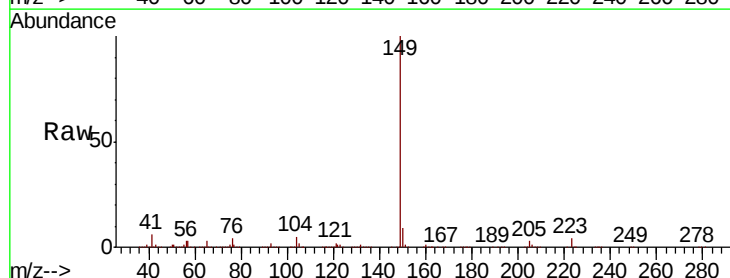
Manual Integrations
 APPROVED

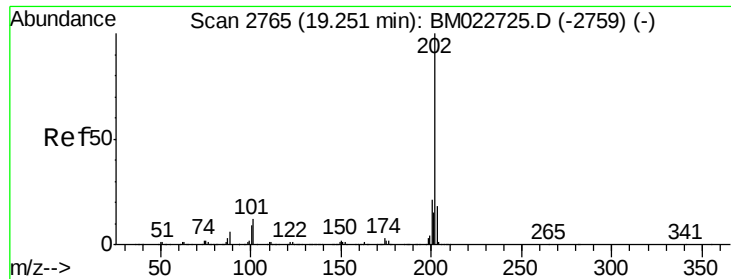
mohammad
 9/26/2019 3:54:50 PM



#74
 Di-n-butylphthalate
 Concen: 46.226 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.6	3.8	5.6





#75

Fluoranthene

Concen: 40.522 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

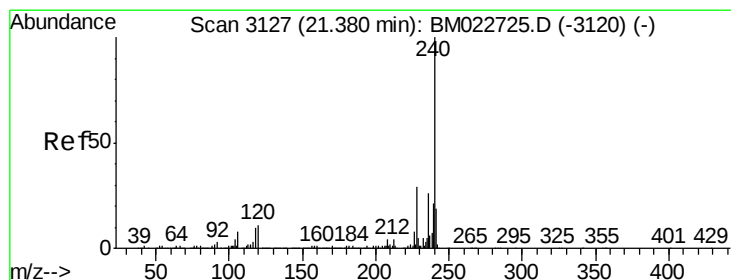
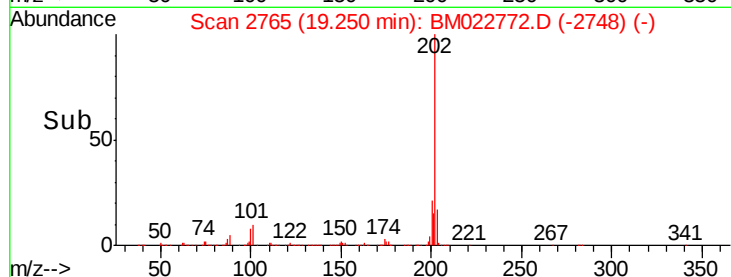
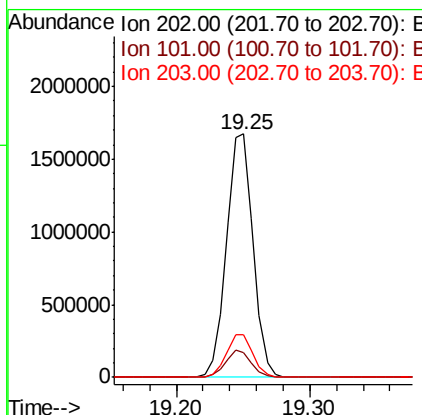
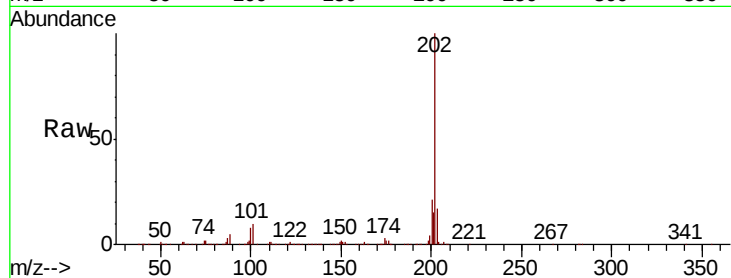
ClientSampleId :

PB123298BSD

Tot Ion:	202	Resp:	2332632
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	32.1
203	17.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

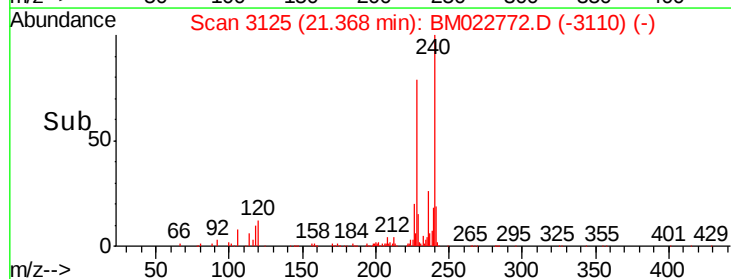
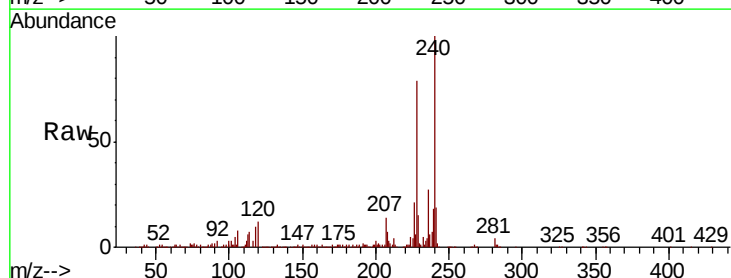
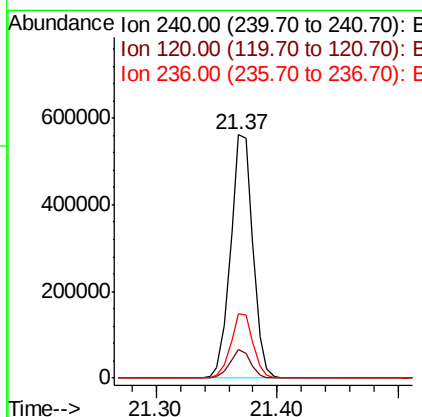
RT: 21.37 min Scan# 3125

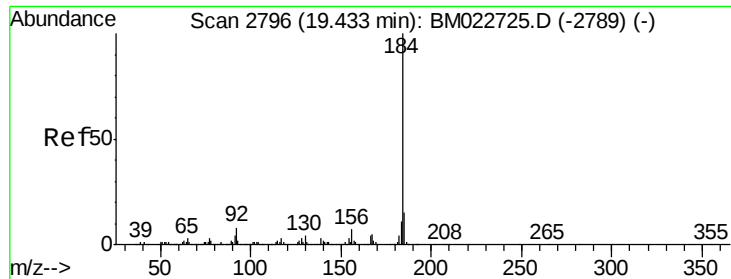
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	240	Resp:	720618
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.8	13.2
236	26.5	20.8	31.2





#77

Benzidine

Concen: 43.958 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

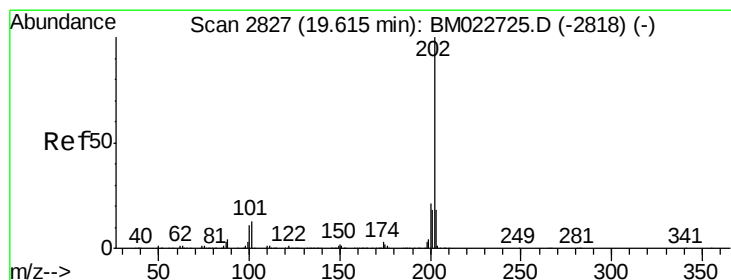
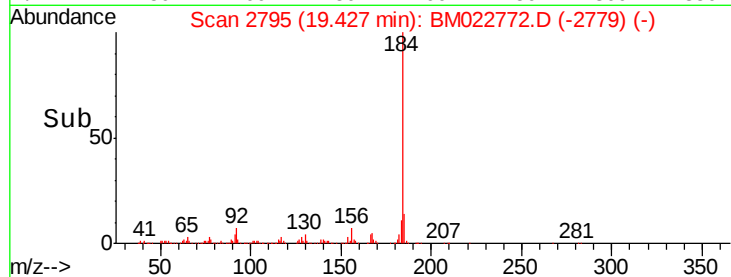
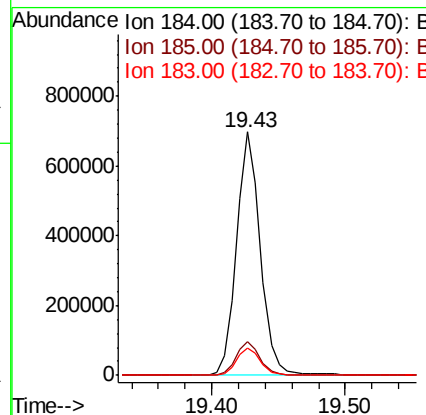
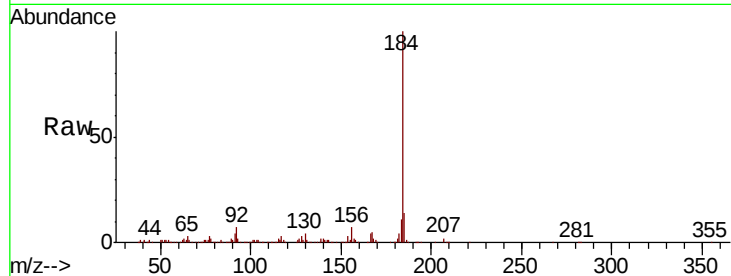
ClientSampleId :

PB123298BSD

Tot Ion:	184	Resp:	869011
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.6	17.4
183	11.3	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 50.064 ng

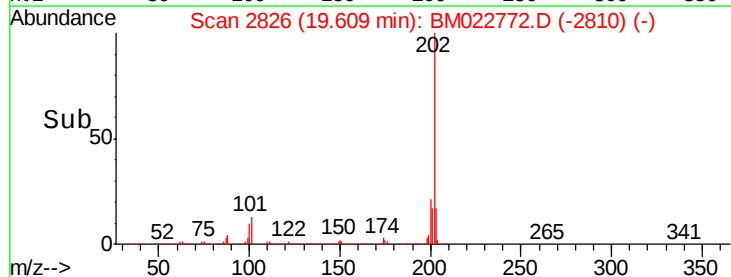
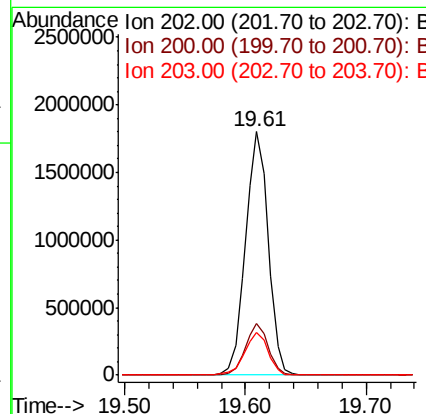
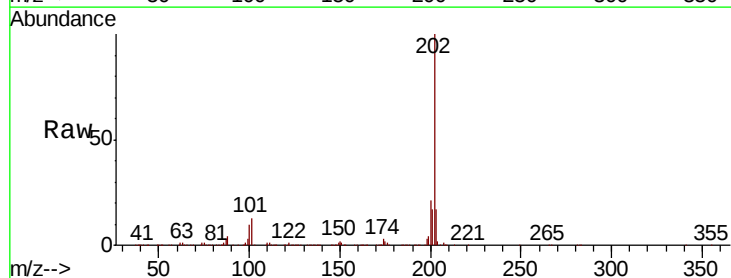
RT: 19.61 min Scan# 2826

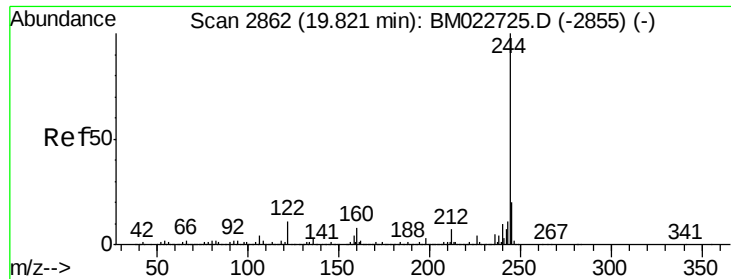
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	202	Resp:	2364306
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.7	25.1
203	17.5	14.1	21.1





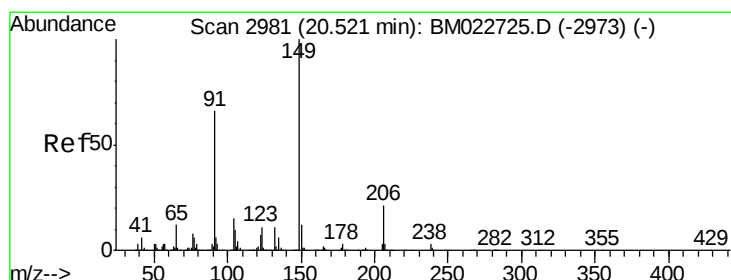
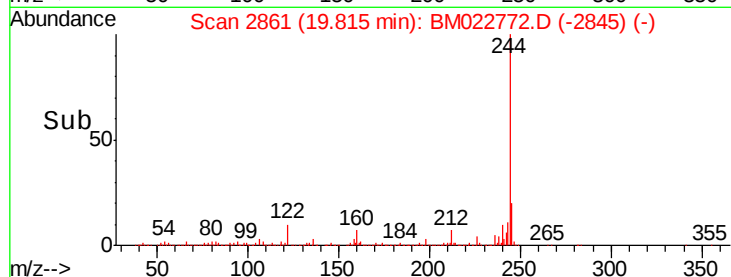
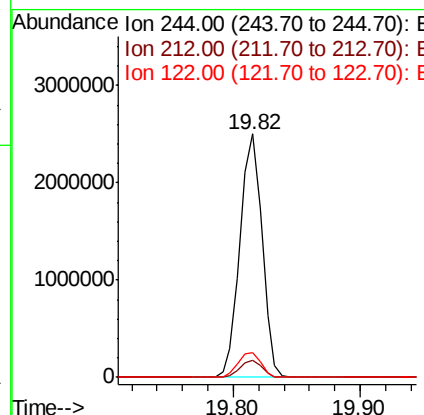
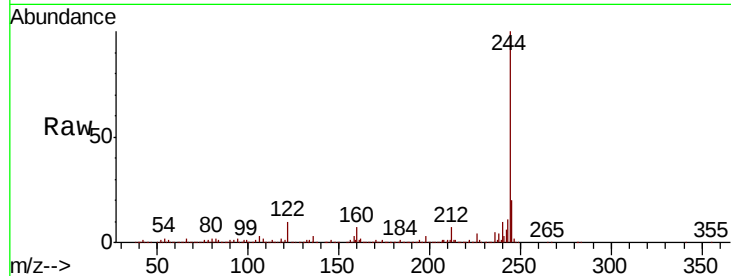
#79
 Terphenyl-d14
 Concen: 80.685 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion:244 Resp: 3002692
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.4 9.0 13.4

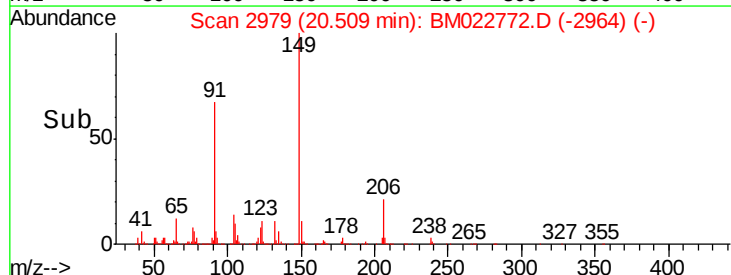
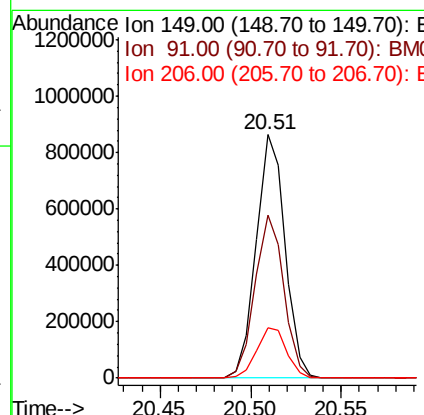
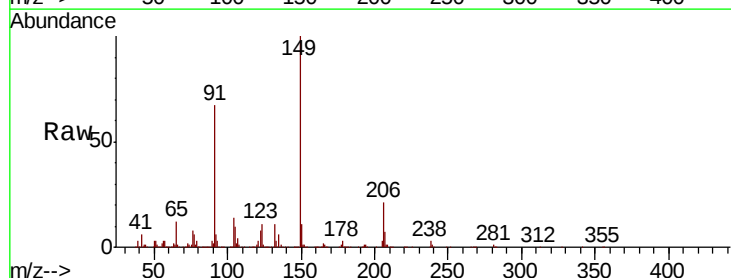
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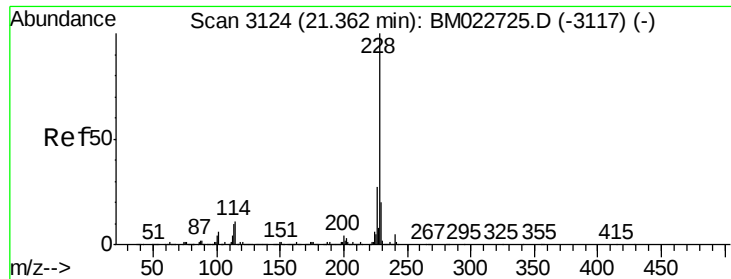
mohammad
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#80
 Butylbenzylphthalate
 Concen: 53.223 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022772.D
 Acq: 25 Sep 2019 15:26

Tgt Ion:149 Resp: 955259
 Ion Ratio Lower Upper
 149 100
 91 66.7 53.0 79.4
 206 20.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.100 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:228 Resp: 2012936

Ion Ratio Lower Upper

228 100

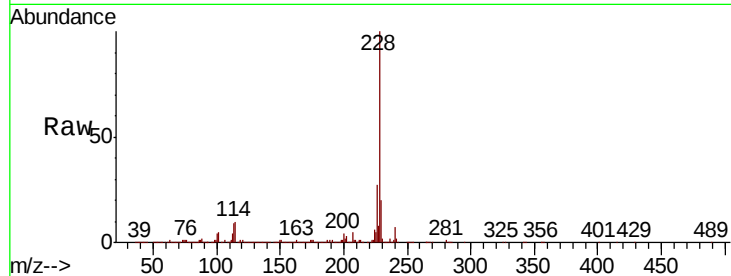
226 27.4 22.0 33.0

229 19.7 15.9 23.9

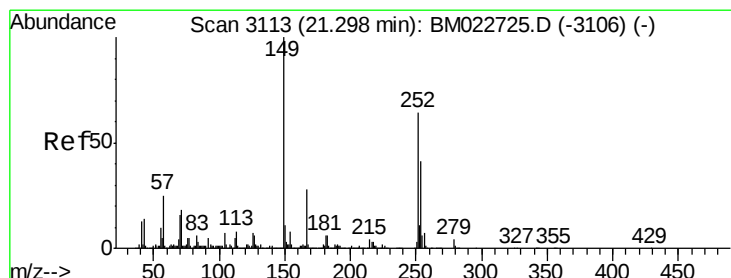
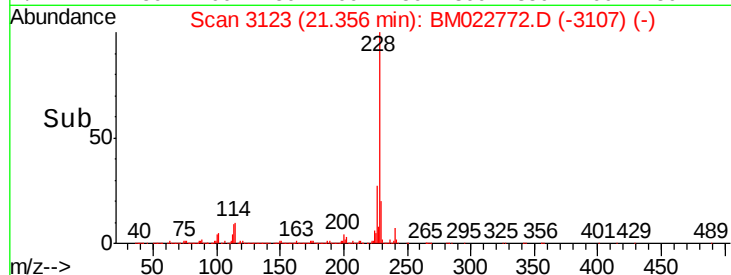
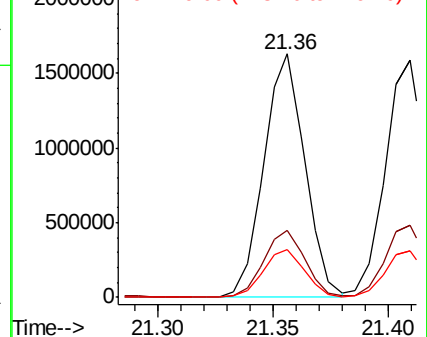
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.456 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

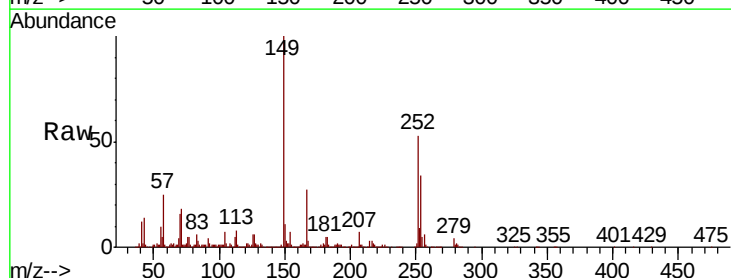
Tgt Ion:252 Resp: 653504

Ion Ratio Lower Upper

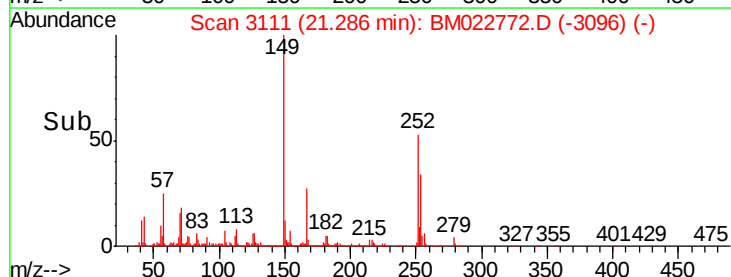
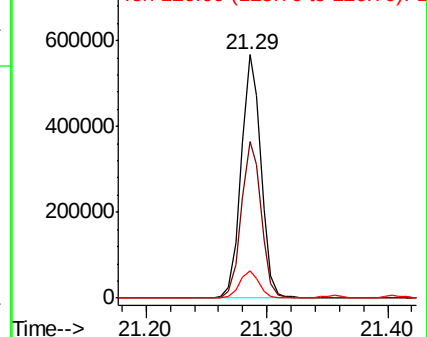
252 100

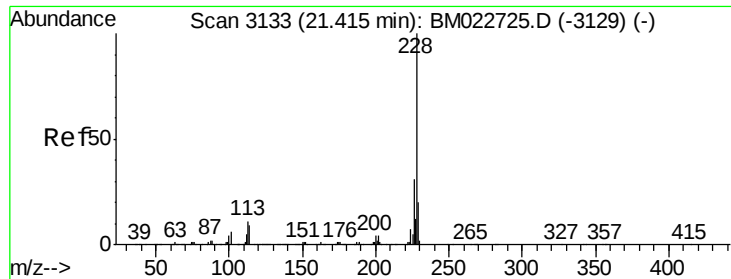
254 64.2 51.7 77.5

126 11.0 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





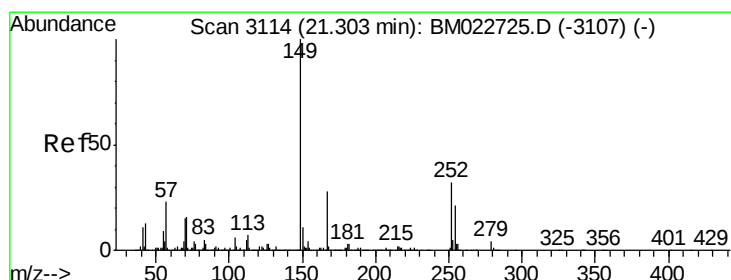
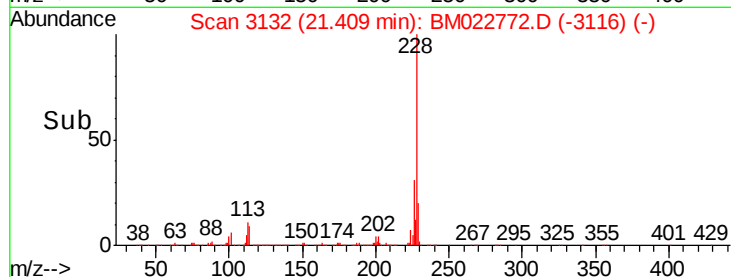
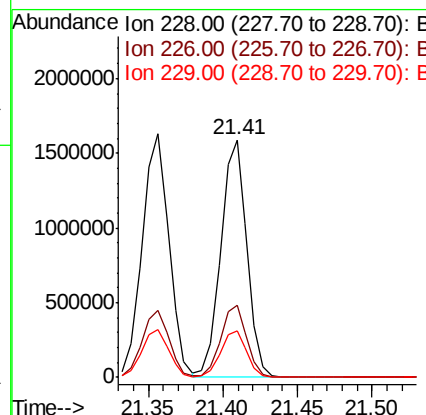
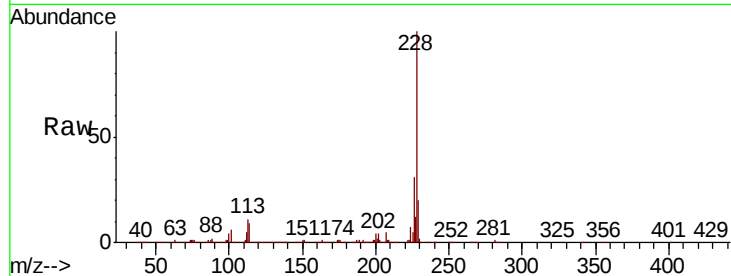
#83
Chrysene
Concen: 42.946 ng
RT: 21.41 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.7	15.9	23.9

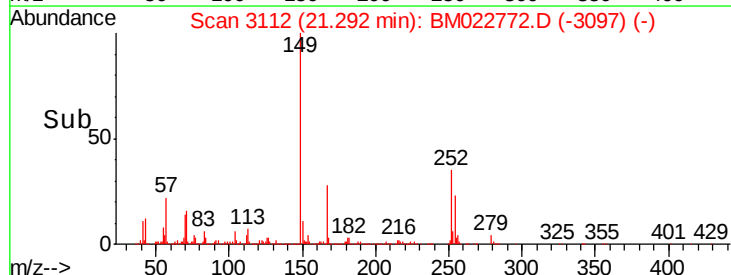
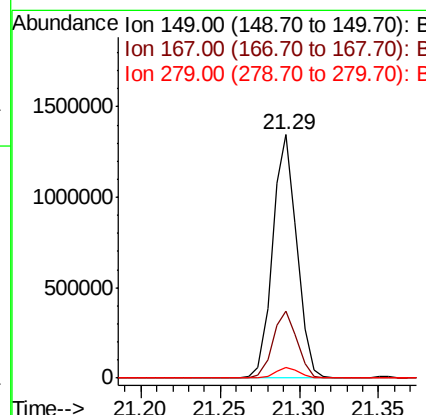
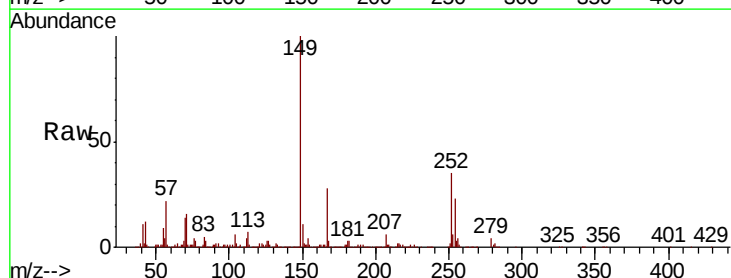
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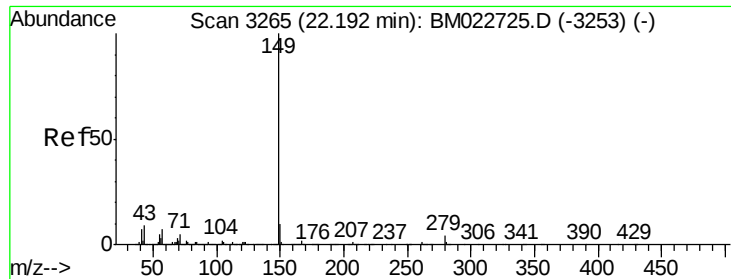
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.884 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.4	3.4	5.0





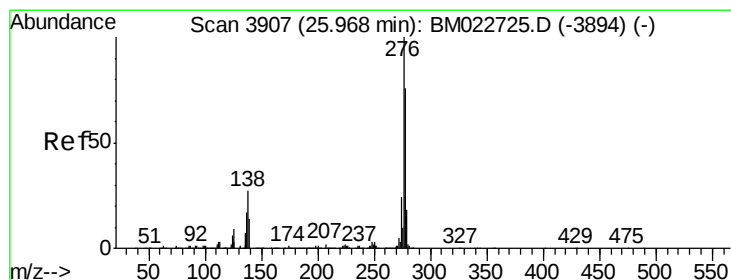
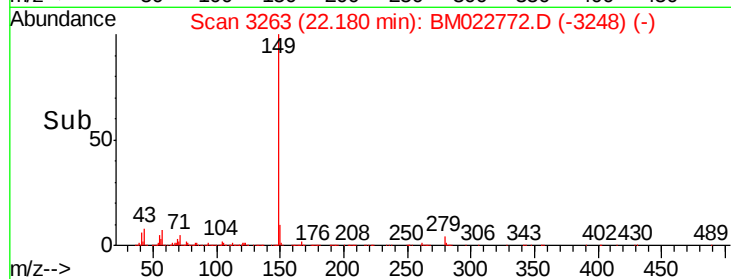
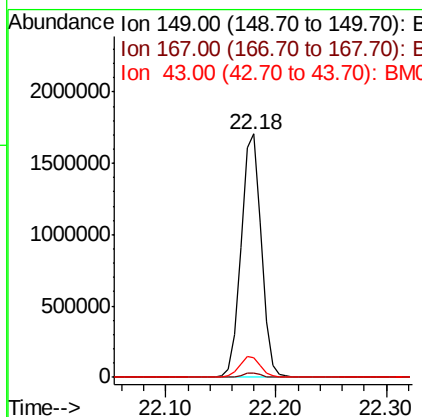
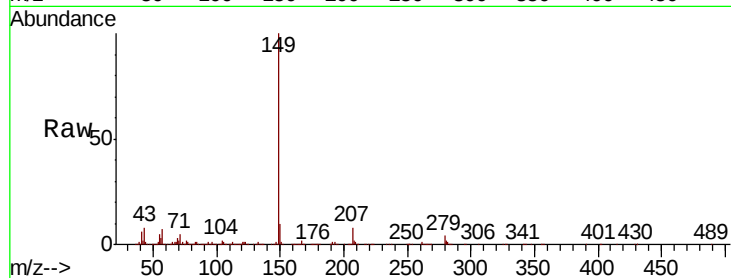
#85
Di-n-octyl phthalate
Concen: 51.569 ng
RT: 22.18 min Scan# 3263
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.4	11.0

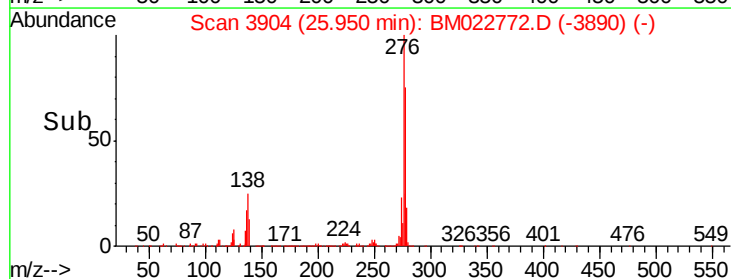
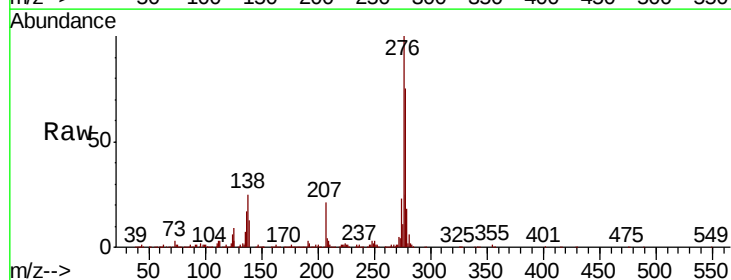
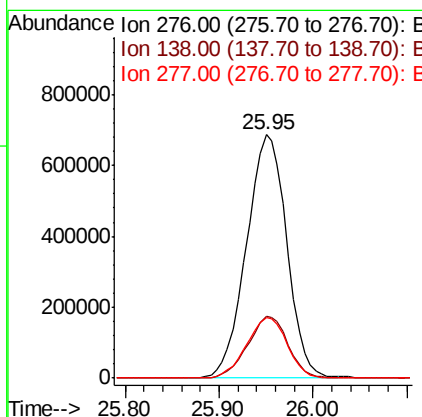
Manual Integrations
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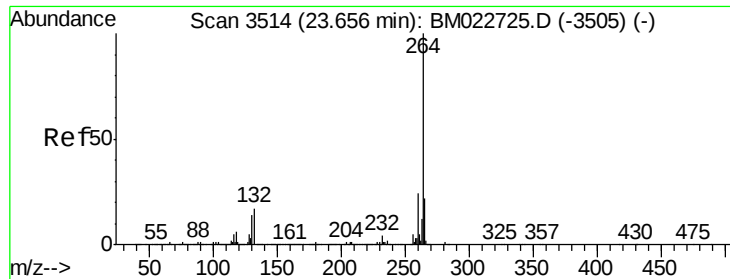
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.738 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	0.0#
277	25.1	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA_M

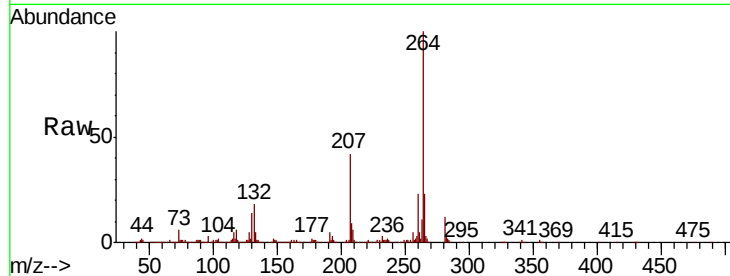
ClientSampleId :

PB123298BSD

Tot Ion:	264	Resp:	658583
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.1	28.7
265	22.8	17.9	26.9

Manual Integrations
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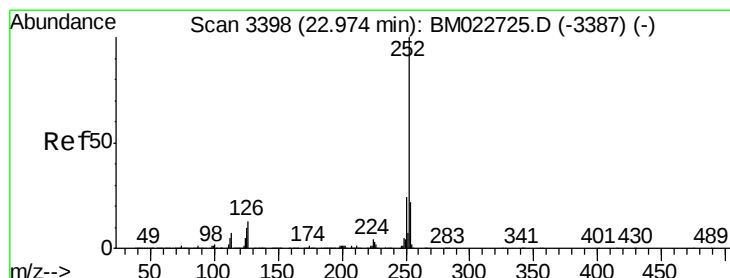
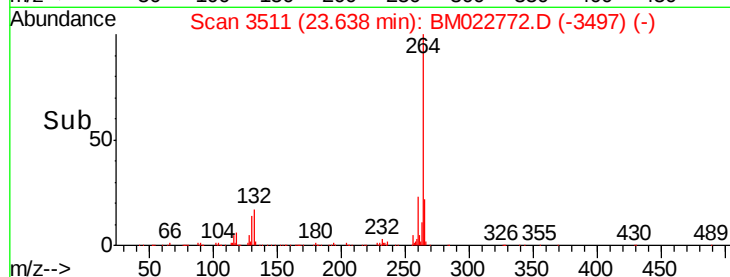
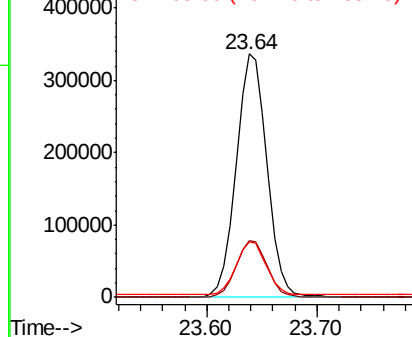


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.177 ng

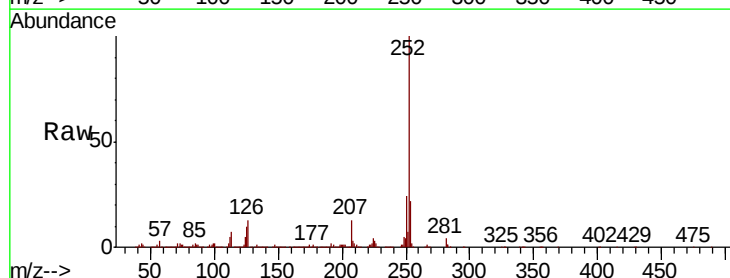
RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:	252	Resp:	1841314
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.4

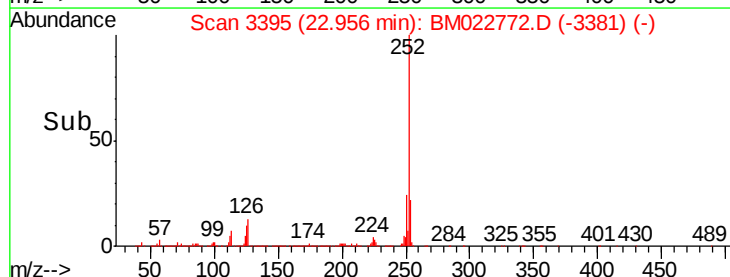
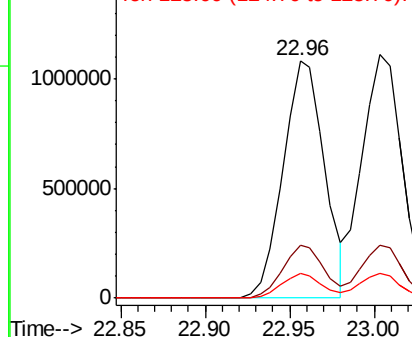


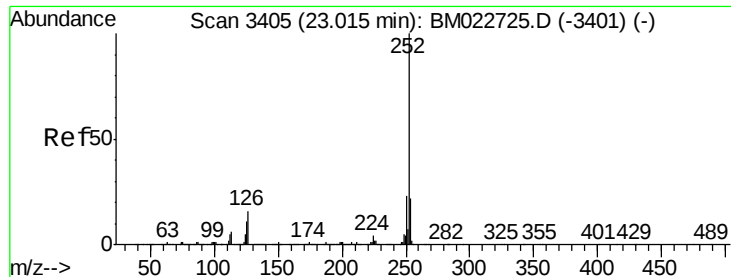
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





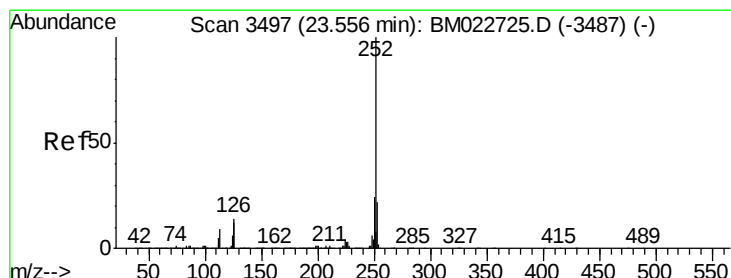
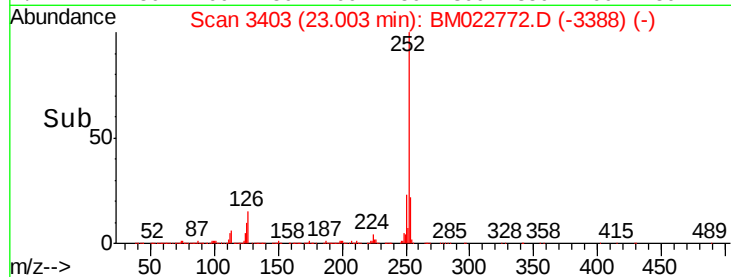
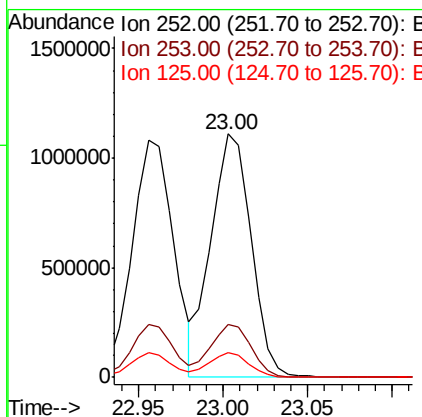
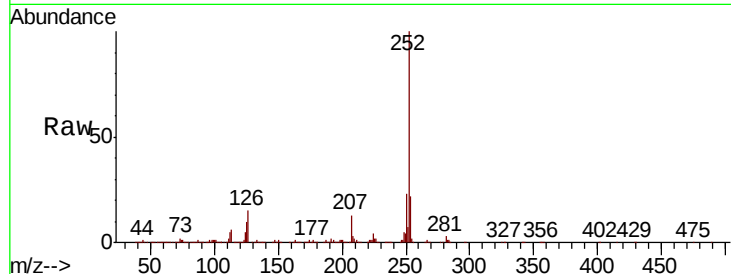
#89
Benzo(k)fluoranthene
Concen: 46.397 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.3	8.5	12.7

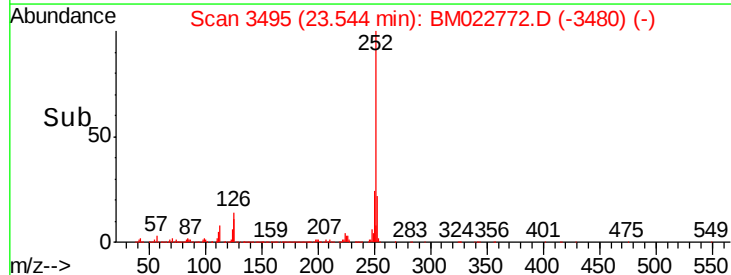
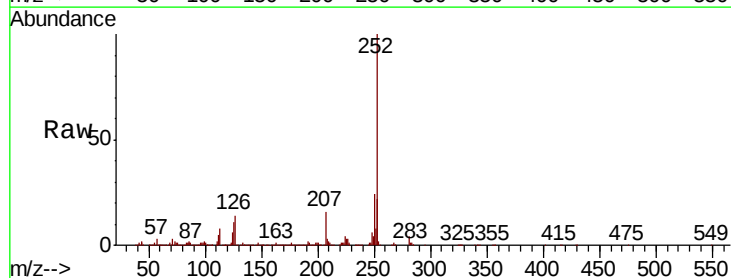
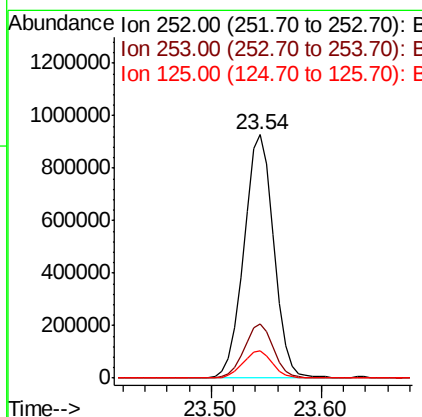
Manual Integrations
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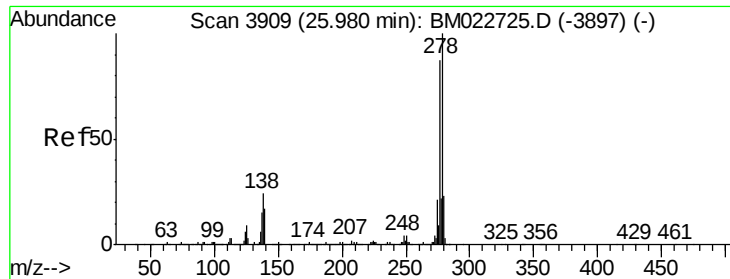
mohammad
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#90
Benzo(a)pyrene
Concen: 47.867 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	11.2	9.3	13.9





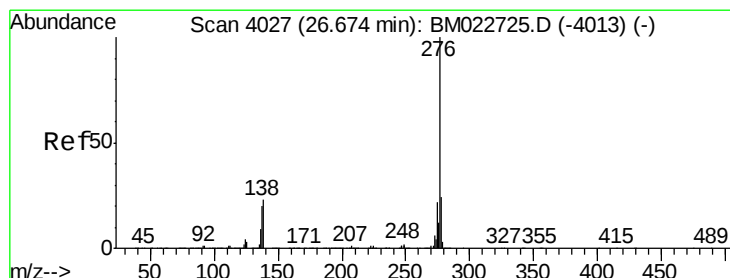
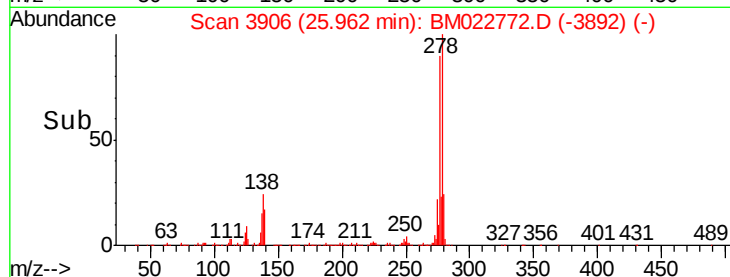
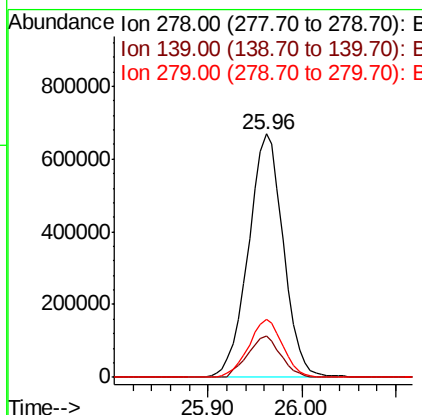
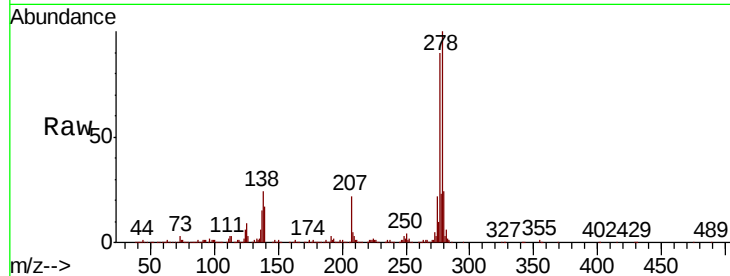
#91
Dibenzo(a,h)anthracene
Concen: 44.780 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.7	20.5
279	24.1	18.6	28.0

Manual Integrations
APPROVED

mohammad
9/26/2019 3:54:50 PM



#92
Benzo(g,h,i)perylene
Concen: 46.138 ng
RT: 26.66 min Scan# 4024
Delta R.T. -0.02 min
Lab File: BM022772.D
Acq: 25 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.9	18.5	27.7

