

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009475.D
 Acq On : 31 Mar 2017 16:00
 Operator : SJ/MA
 Sample : PB97966BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Manual Integrations
 APPROVED

mohammad
 4/3/2017 11:49:38 AM

Quant Time: Mar 31 23:11:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	126437	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	509742	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	302893	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	700157	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	908120	20.00	ng	-0.01
86) Perylene-d12	23.74	264	877268	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1162506	153.26	ng	-0.01
7) Phenol-d6	7.01	99	1629894	157.57	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1169900	86.05	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	596990	158.65	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2292062	91.18	ng	-0.01
78) Terphenyl-d14	19.86	244	3423830	78.78	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	131724	34.53	ng	# 100
3) Pyridine	3.75	79	415726	38.57	ng	# 84
4) n-Nitrosodimethylamine	3.67	42	256298	44.66	ng	# 68
6) Aniline	7.18	93	387308	27.55	ng	# 92
8) 2-Chlorophenol	7.41	128	392016	50.97	ng	# 82
9) Benzaldehyde	7.00	77	84478	10.38	ng	# 83
10) Phenol	7.03	94	576869	51.47	ng	# 91
11) bis(2-Chloroethyl)ether	7.27	93	405197	44.11	ng	# 82
12) 1,3-Dichlorobenzene	7.73	146	406616	44.16	ng	# 89
13) 1,4-Dichlorobenzene	7.88	146	414945	43.61	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	413939	44.80	ng	# 92
15) Benzyl Alcohol	8.09	79	454571	50.27	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	680911	42.64	ng	# 98
17) 2-Methylphenol	8.28	107	365846	49.88	ng	# 86
18) Hexachloroethane	8.92	117	171794	44.14	ng	# 88
19) n-Nitroso-di-n-propylamine	8.65	70	393889	47.23	ng	# 88
20) 3+4-Methylphenols	8.61	107	488826	49.02	ng	# 93
22) Acetophenone	8.67	105	651657	45.33	ng	# 91
24) Nitrobenzene	9.06	77	589061	44.23	ng	# 92
25) Isophorone	9.57	82	973512	46.94	ng	# 91
26) 2-Nitrophenol	9.76	139	189642	47.21	ng	# 49
27) 2,4-Dimethylphenol	9.82	122	376915	51.29	ng	# 79
28) bis(2-Chloroethoxy)methane	10.06	93	575461	44.81	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	389607	50.71	ng	# 96
30) 1,2,4-Trichlorobenzene	10.50	180	427828	44.88	ng	# 97
31) Naphthalene	10.70	128	1186270	43.85	ng	# 99
32) Benzoic acid	9.94	122	215644	41.51	ng	# 77
33) 4-Chloroaniline	10.81	127	150677	14.44	ng	# 81
34) Hexachlorobutadiene	10.96	225	268340	41.11	ng	# 95
35) Caprolactam	11.59	113	121886m	51.97	ng	# 91
36) 4-Chloro-3-methylphenol	11.93	107	449090	51.67	ng	# 78
37) 2-Methylnaphthalene	12.30	142	890067	47.66	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	499147	43.65	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	654670	99.74	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	335608	51.33	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	348915	47.83	nq	# 89
45) 1,1'-Biphenyl	13.32	154	1186697	47.07	nq	97
46) 2-Chloronaphthalene	13.36	162	925940	47.29	nq	97
47) 2-Nitroaniline	13.58	65	362879	50.30	nq	# 72
48) Acenaphthylene	14.22	152	1468074	46.03	nq	100
49) Dimethylphthalate	13.94	163	1146571	49.30	nq	99
50) 2,6-Dinitrotoluene	14.07	165	244113	48.71	nq	# 67
51) Acenaphthene	14.56	154	886250	46.06	nq	98
52) 3-Nitroaniline	14.40	138	126404	25.60	nq	# 51
53) 2,4-Dinitrophenol	14.62	184	273038	80.73	nq	96
54) Dibenzofuran	14.89	168	1448264	50.89	nq	94
55) 4-Nitrophenol	14.71	139	417939	102.41	nq	# 31
56) 2,4-Dinitrotoluene	14.86	165	349603	51.56	nq	# 95
57) Fluorene	15.54	166	1188414	46.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	330891	53.62	nq	# 100
59) Diethylphthalate	15.31	149	1181057	50.06	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	620351	46.45	nq	98
61) 4-Nitroaniline	15.57	138	254110	47.38	nq	# 27
62) Azobenzene	15.83	77	1486571	53.98	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	201810	45.75	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1026433	48.26	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	380713	46.93	nq	# 90
67) Hexachlorobenzene	16.54	284	404959	45.54	nq	# 88
68) Atrazine	16.70	200	360815	45.11	nq	95
69) Pentachlorophenol	16.89	266	513647	94.56	nq	98
70) Phenanthrene	17.29	178	1858410	46.42	nq	99
71) Anthracene	17.37	178	1930122	47.62	nq	100
72) Carbazole	17.64	167	1722915	44.38	nq	97
73) Di-n-butylphthalate	18.20	149	1996260	50.34	nq	# 97
74) Fluoranthene	19.30	202	2243948	47.32	nq	98
76) Benzidine	19.49	184	795164	29.38	nq	98
77) Pyrene	19.66	202	2350656	45.64	nq	99
79) Butylbenzylphthalate	20.55	149	950694	51.26	nq	# 77
80) Benzo(a)anthracene	21.40	228	2507929	47.28	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	525975	26.48	nq	# 97
82) Chrysene	21.46	228	2258189	44.59	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1396608	50.46	nq	99
84) Di-n-octyl phthalate	22.21	149	2493809	54.14	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2951240	53.43	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2645028	47.57	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2450513	45.82	nq	97
89) Benzo(a)pyrene	23.64	252	2501172	48.57	nq	100
90) Dibenzo(a,h)anthracene	26.12	278	2500463	49.57	nq	# 95
91) Benzo(g,h,i)perylene	26.84	276	2419409	49.20	nq	# 94

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

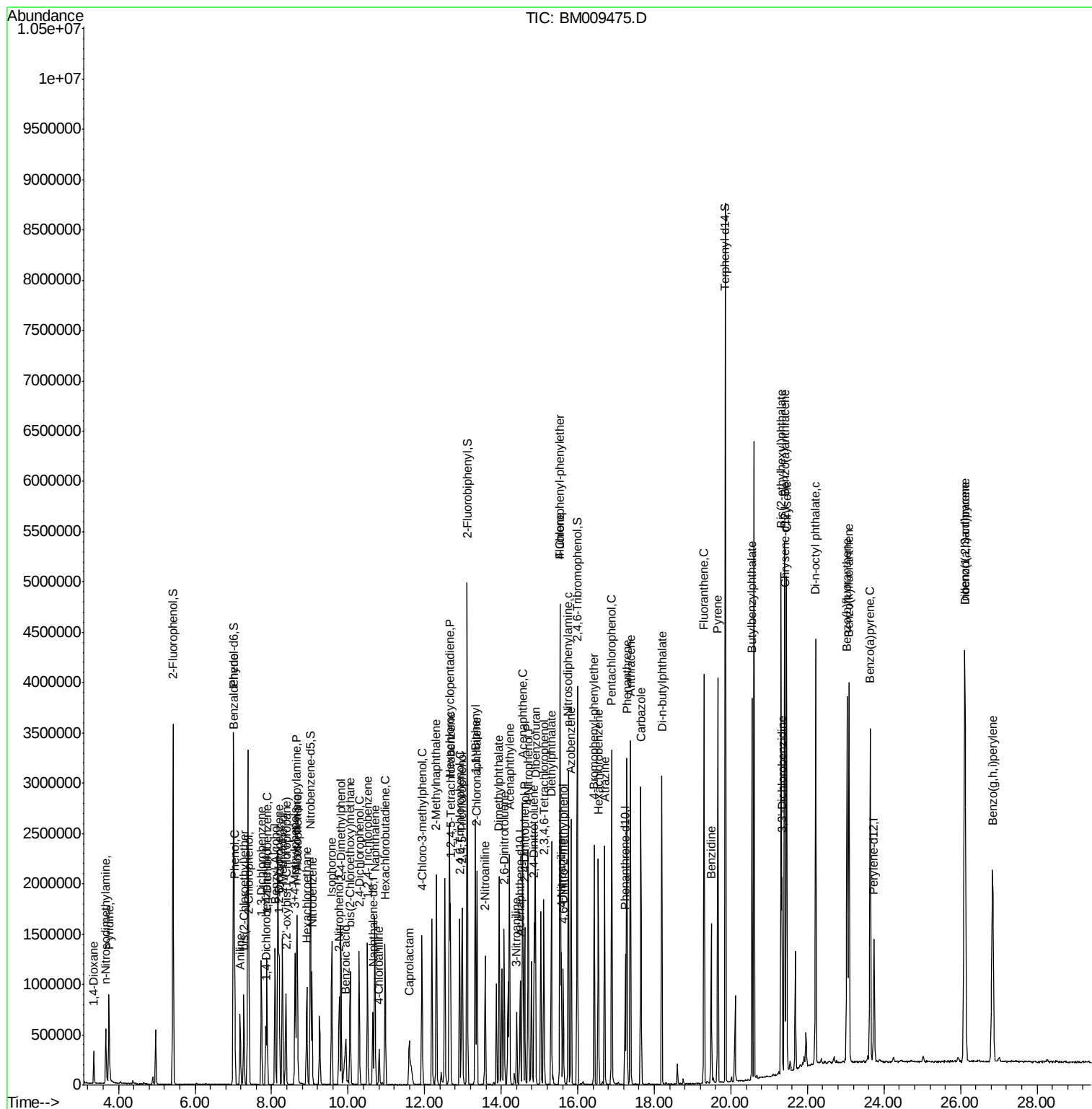
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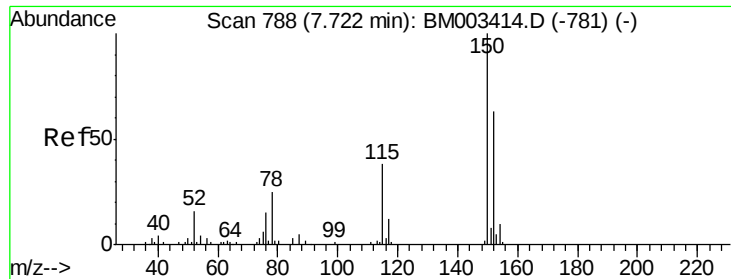
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#1

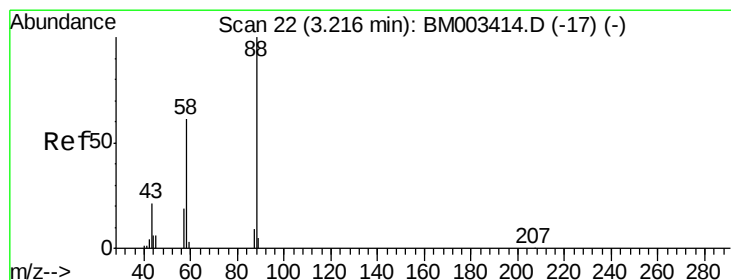
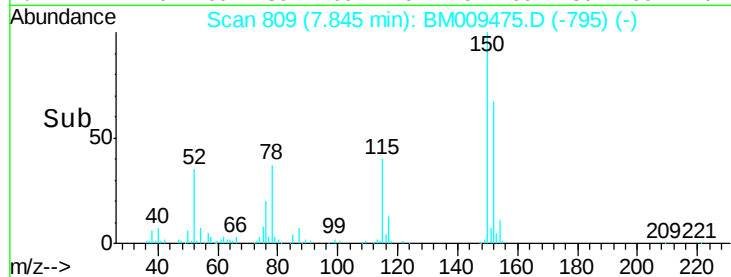
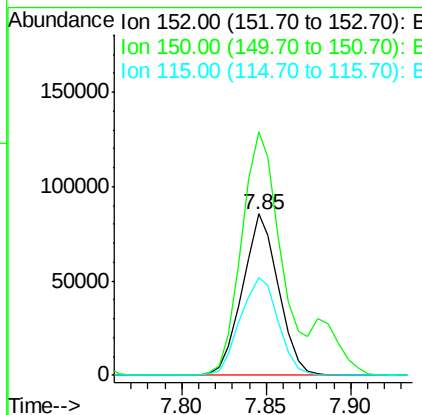
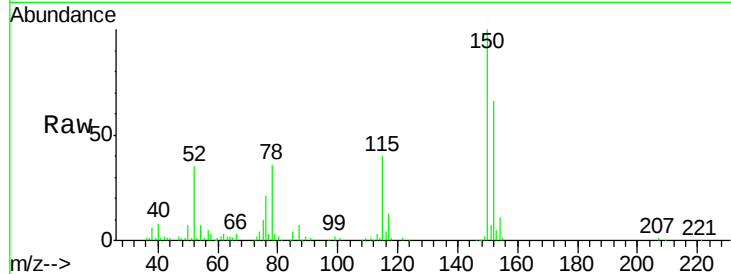
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	60.6	43.0	64.4

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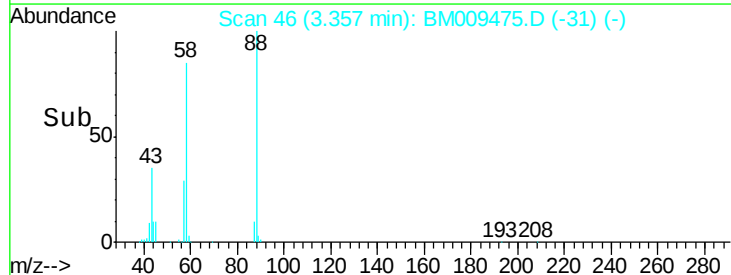
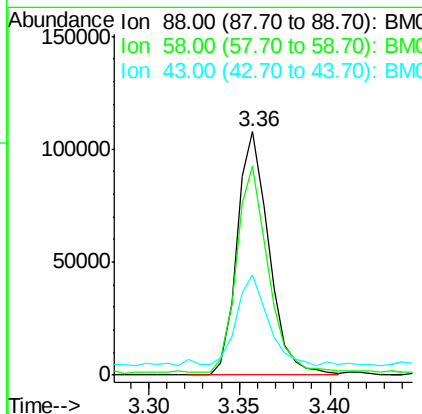
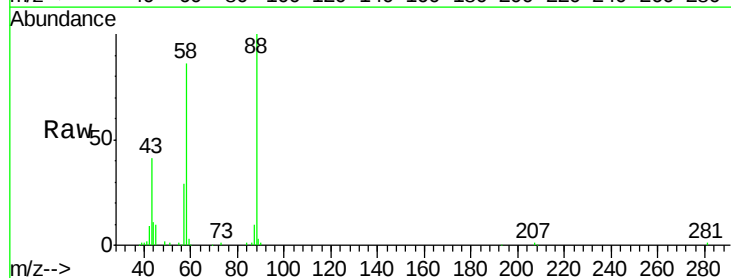
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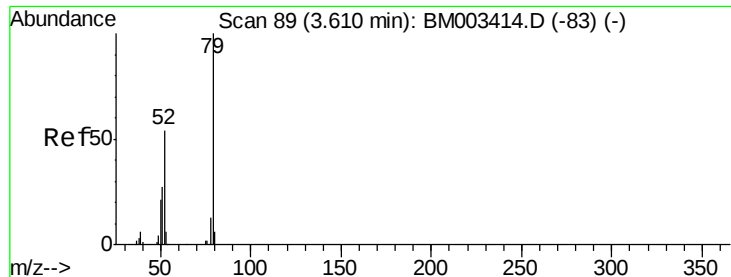


#2

1,4-Dioxane
Concen: 34.53 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	0.0	0.0#
43	36.4	0.0	0.0#





#3

Pvridine

Concen: 38.57 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

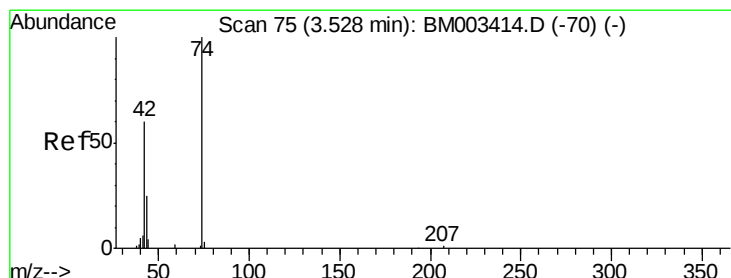
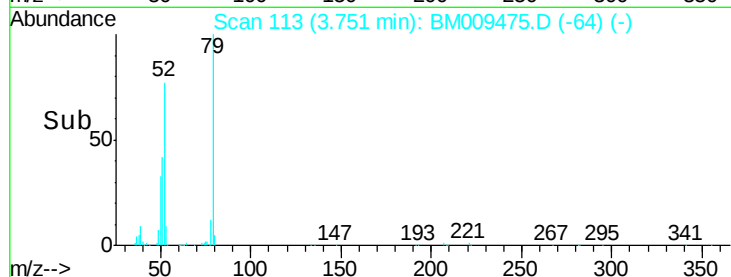
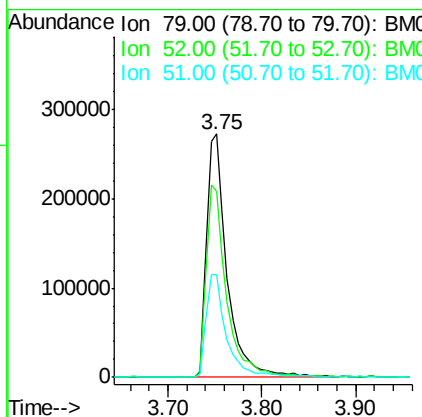
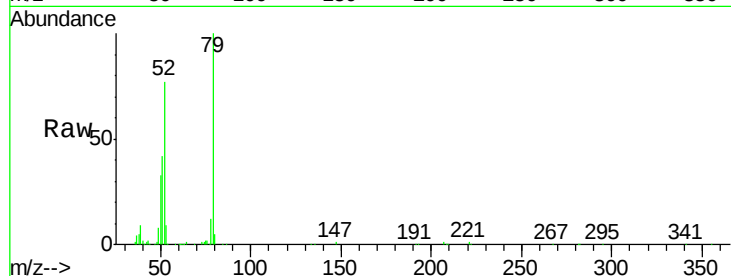
ClientSampleId :

PB97966BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	76.5	51.1	76.7		
51	42.2	26.1	39.1		

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#4

n-Nitrosodimethylamine

Concen: 44.66 ng

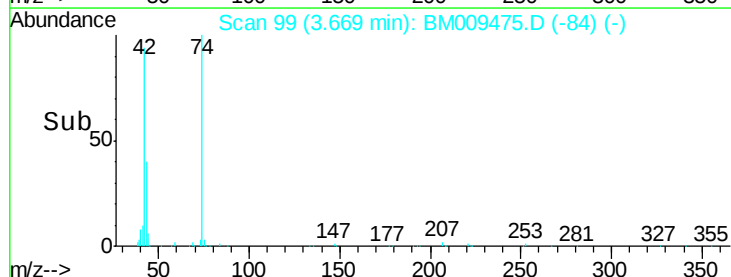
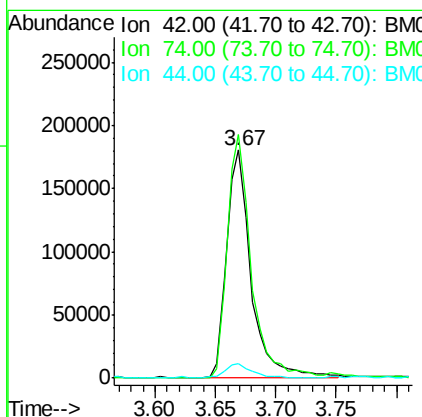
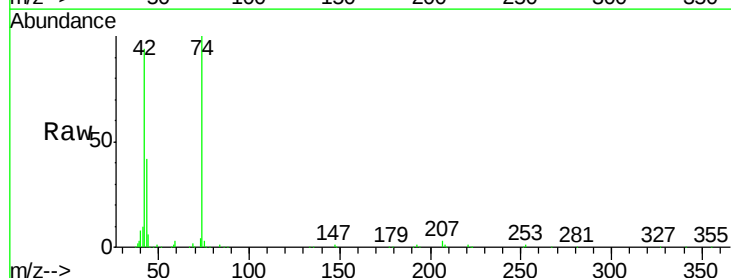
RT: 3.67 min Scan# 99

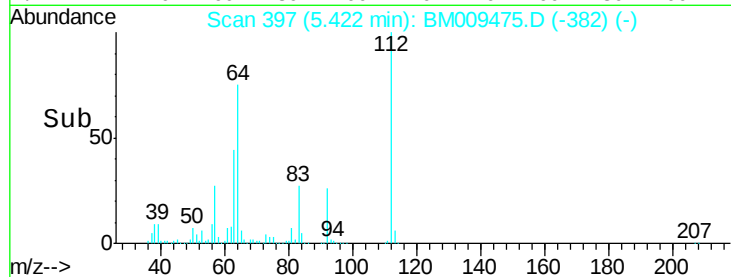
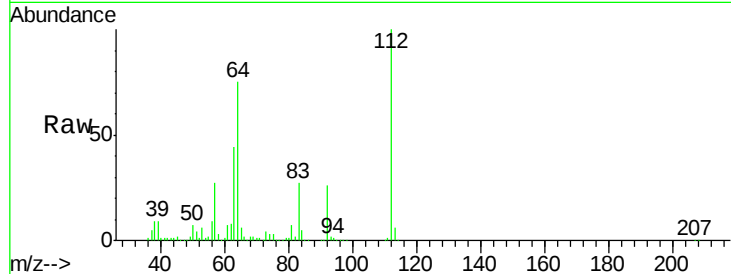
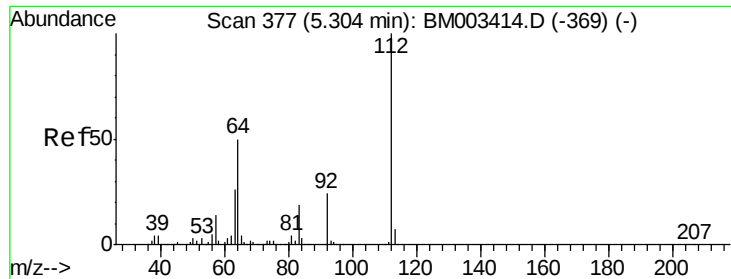
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	106.8	119.3	178.9		
44	6.1	5.4	8.2		





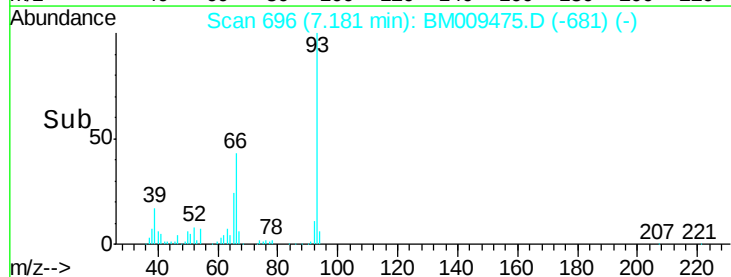
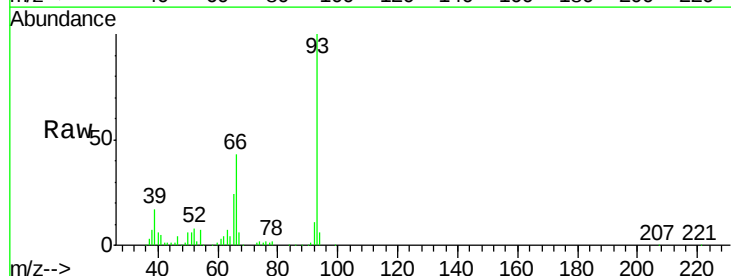
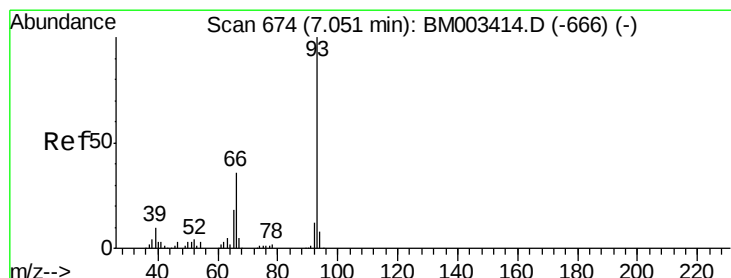
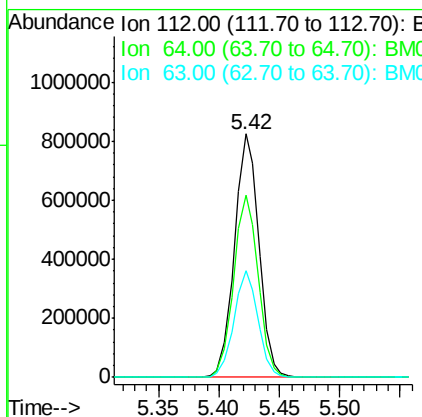
#5
2-Fluorophenol
Concen: 153.26 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tot Ion	Ratio	Lower	Upper
112	100		
64	74.9	38.6	57.8#
63	43.8	19.3	28.9#

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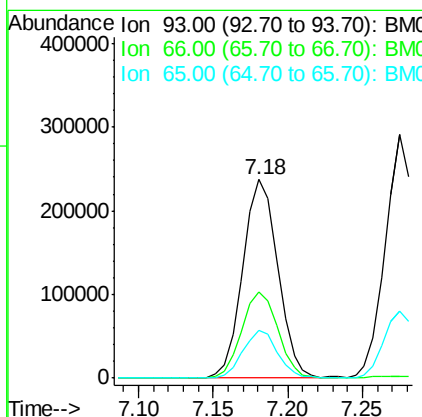
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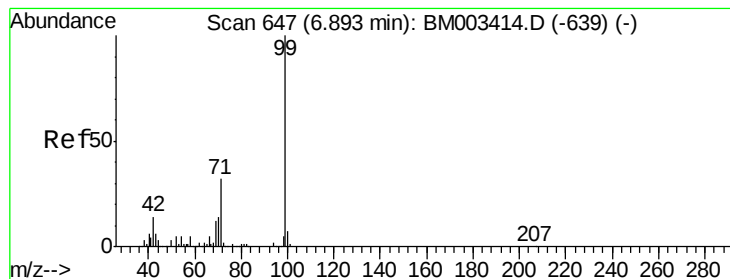
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#6
Aniline
Concen: 27.55 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.4	30.8	46.2
65	23.8	16.0	24.0





#7

Phenol-d6

Concen: 157.57 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

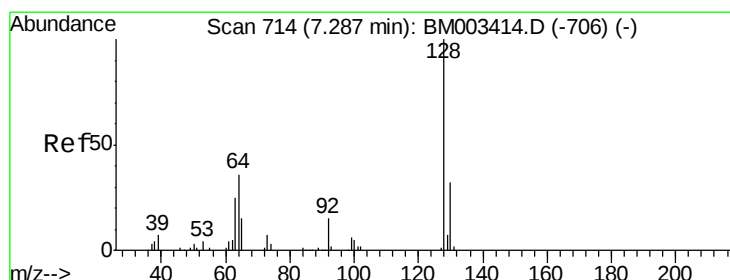
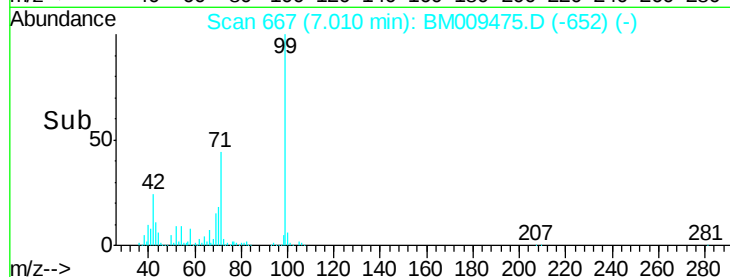
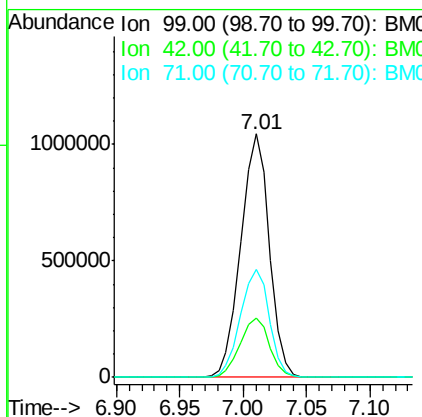
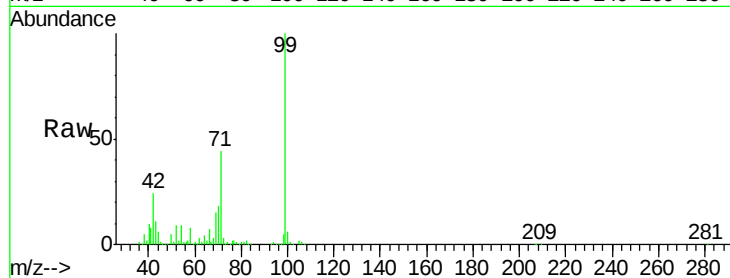
ClientSampled :

PB97966BS

Tot Ion:	99	Resp:	1629894
Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	44.2	23.4	35.2#

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#8

2-Chlorophenol

Concen: 50.97 ng

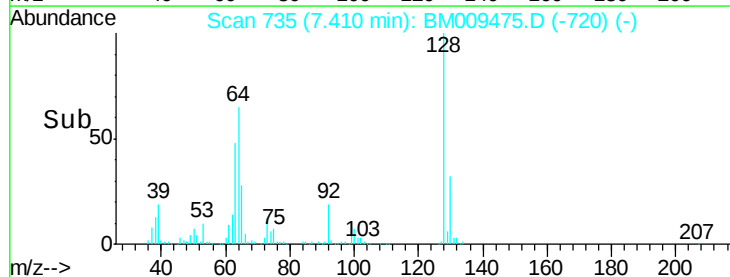
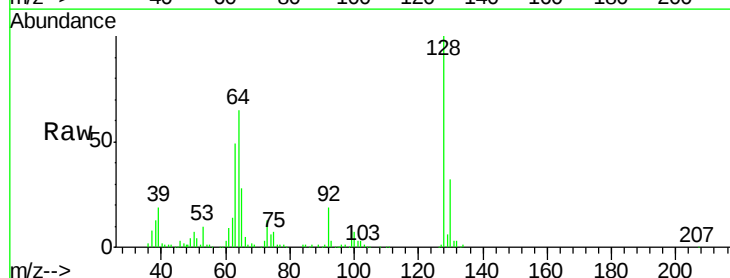
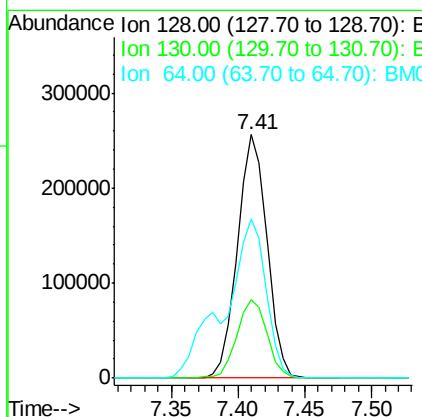
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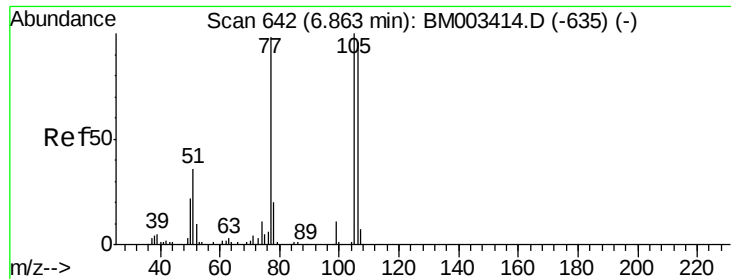
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	128	Resp:	392016
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	65.1	24.9	64.9#





#9

Benzaldehyde

Concen: 10.38 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

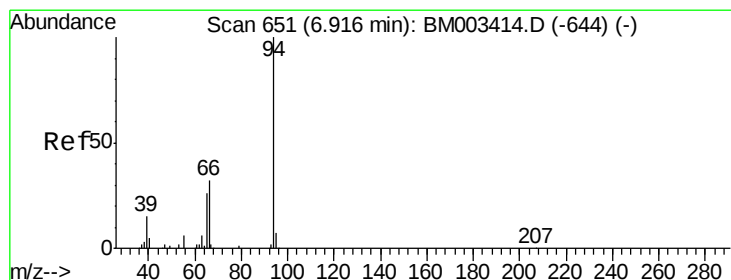
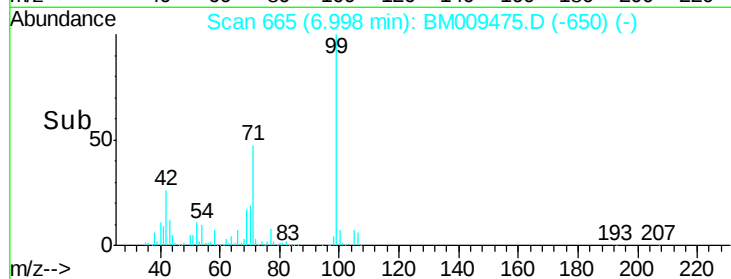
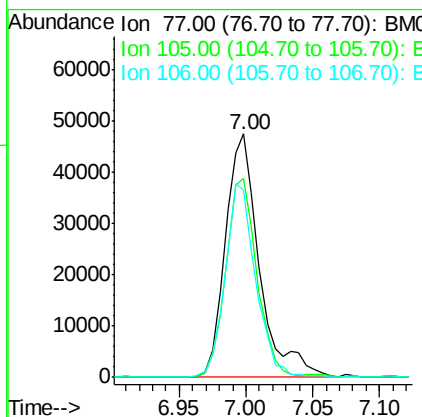
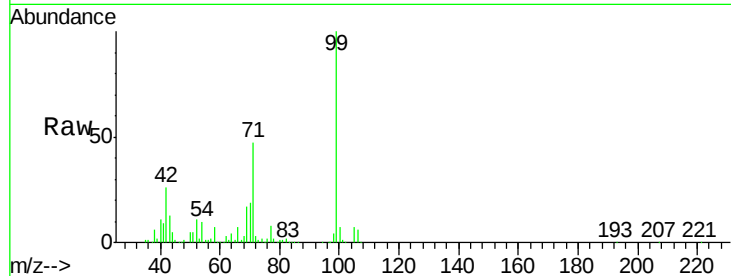
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	81.7	78.8	118.8	
106	77.1	73.7	113.7	

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#10

Phenol

Concen: 51.47 ng

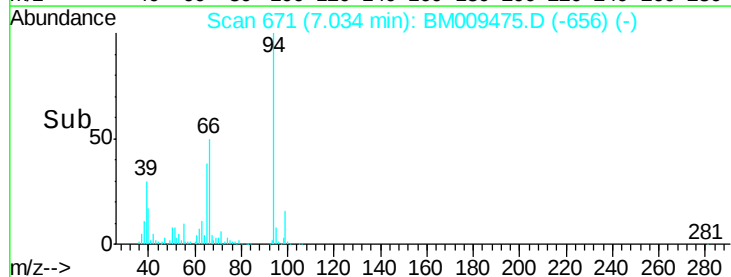
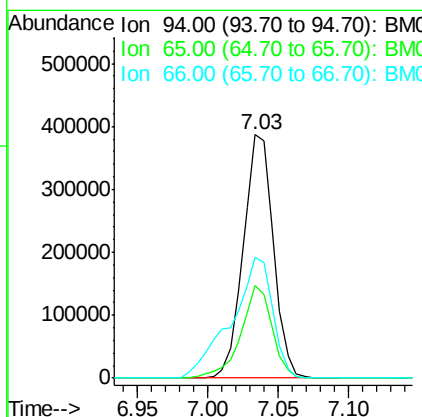
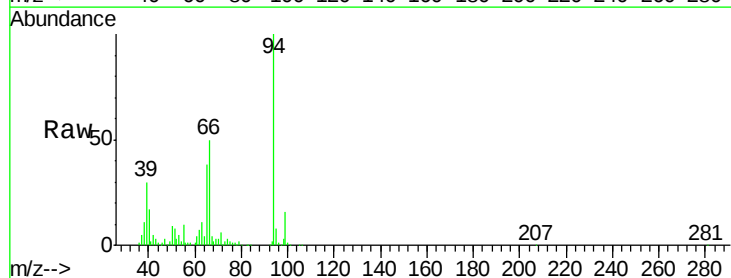
RT: 7.03 min Scan# 671

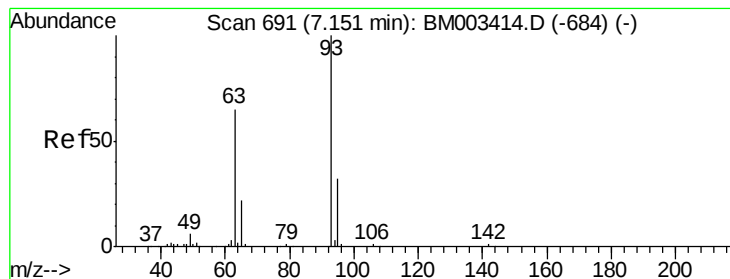
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	37.9	18.8	58.8	
66	49.6	39.9	79.9	





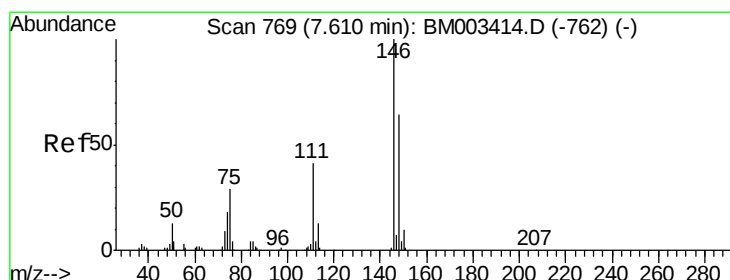
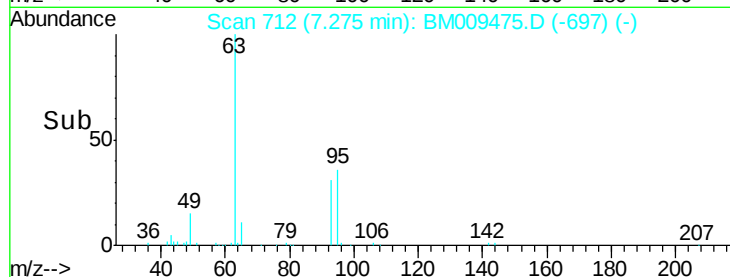
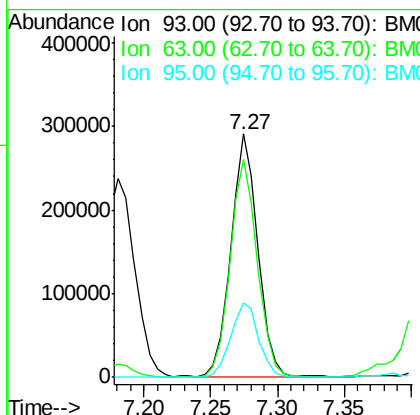
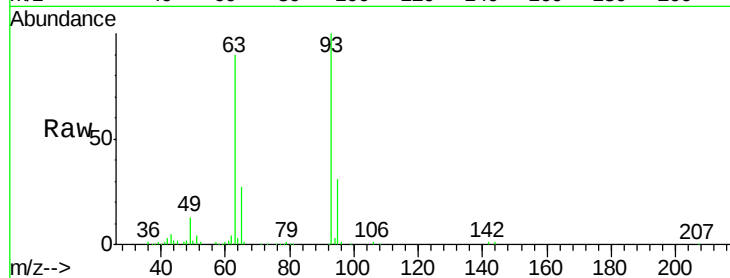
#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	405197		
63	89.8	49.5	89.5#	
95	30.6	13.5	53.5	

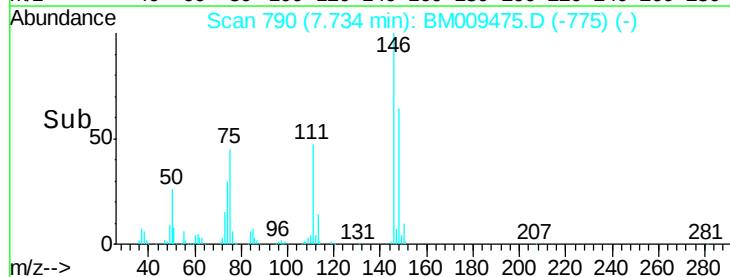
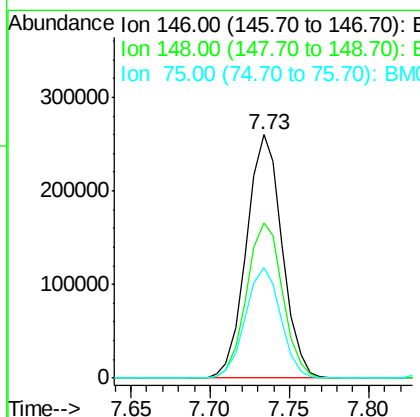
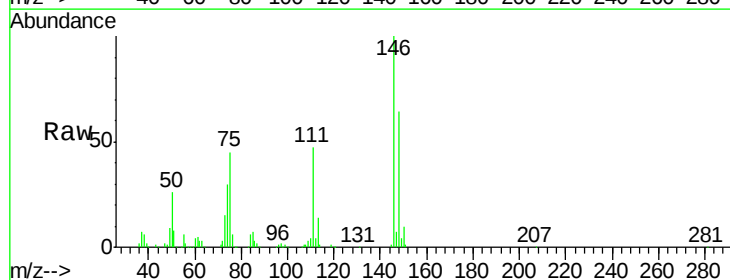
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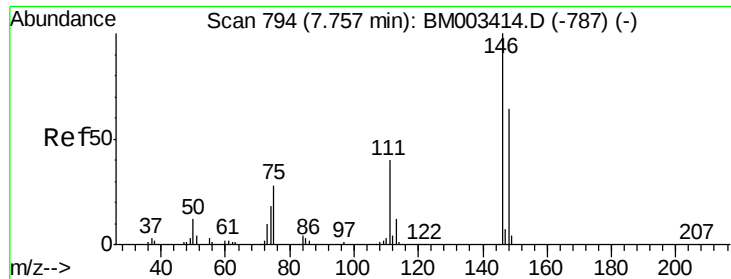
mohammad
4/3/2017 11:49:38 AM



#12
1,3-Dichlorobenzene
Concen: 44.16 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	406616		
148	63.9	50.9	76.3	
75	45.4	21.4	32.2#	





#13

1,4-Dichlorobenzene

Concen: 43.61 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

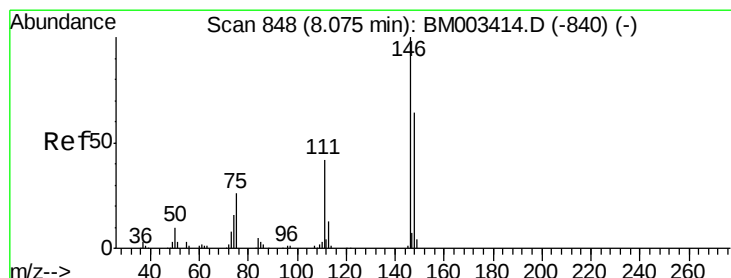
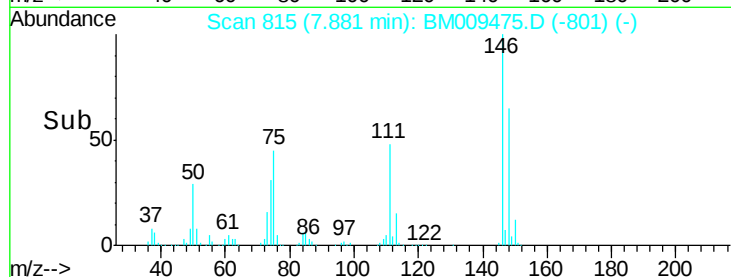
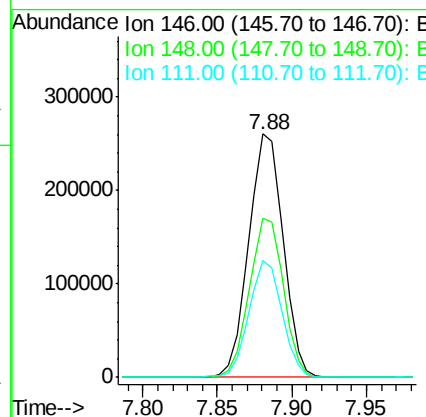
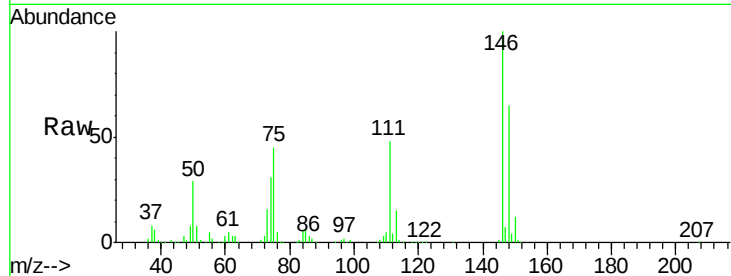
ClientSampleId :

PB97966BS

Tot Ion:	146	Resp:	414945
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	47.8	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 44.80 ng

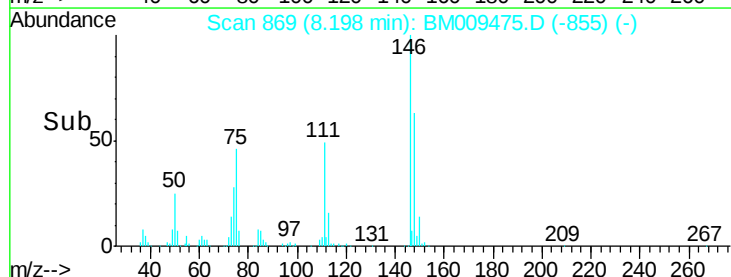
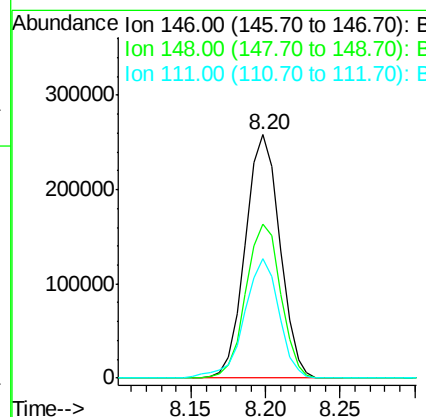
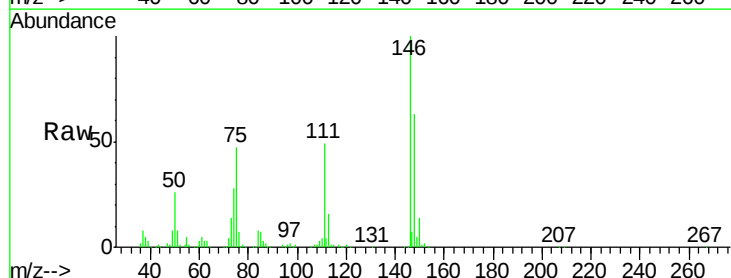
RT: 8.20 min Scan# 869

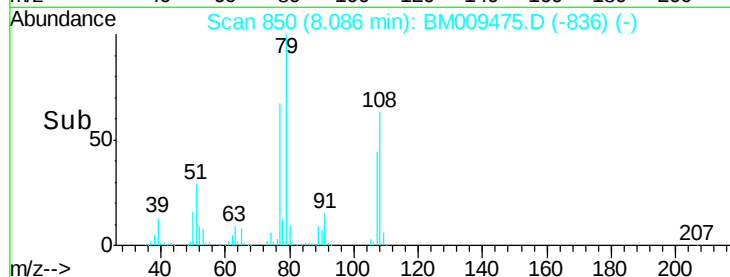
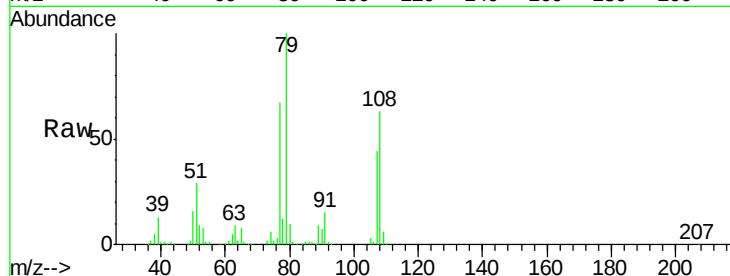
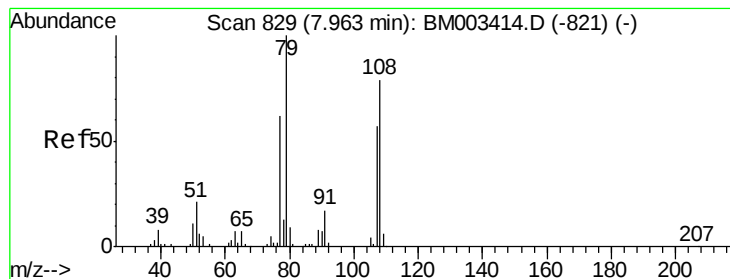
Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	146	Resp:	413939
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.3	78.5
111	49.1	30.6	45.8#





#15

Benzyl Alcohol

Concen: 50.27 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tot Ion:	79	Resp:	454571
Ion Ratio	Lower	Upper	
79	100		
108	62.5	65.0	97.4#
77	67.4	53.0	79.6

Instrument :

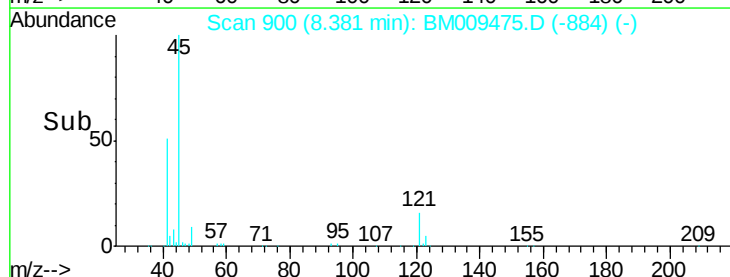
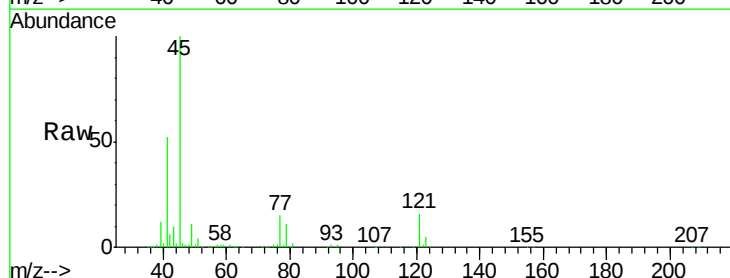
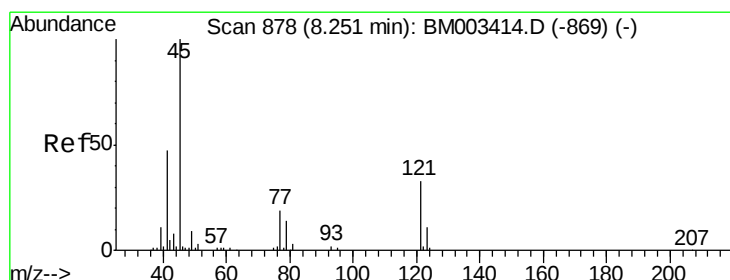
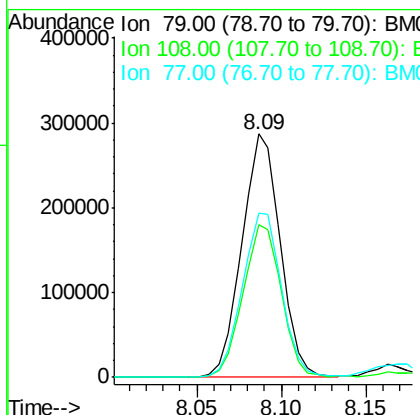
BNA_M

ClientSampleId :

PB97966BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.64 ng

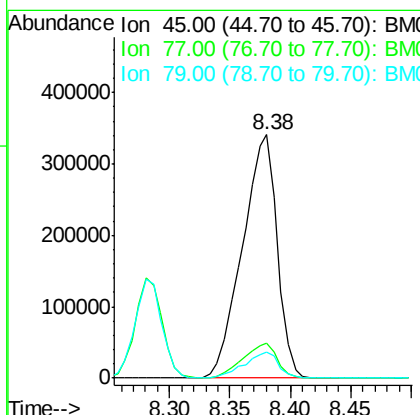
RT: 8.38 min Scan# 900

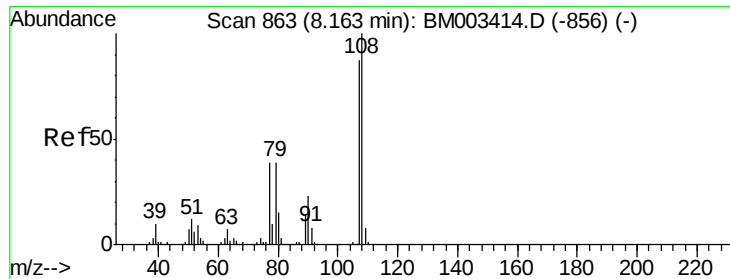
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	45	Resp:	680911
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	35.2
79	10.7	0.0	32.0





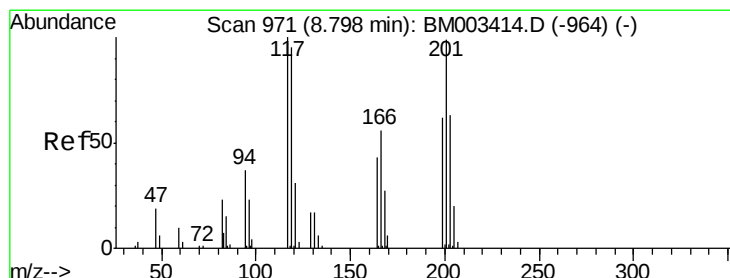
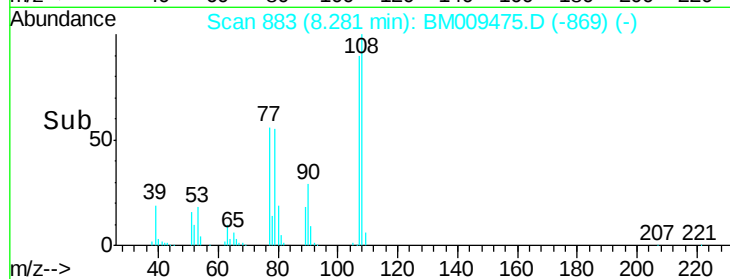
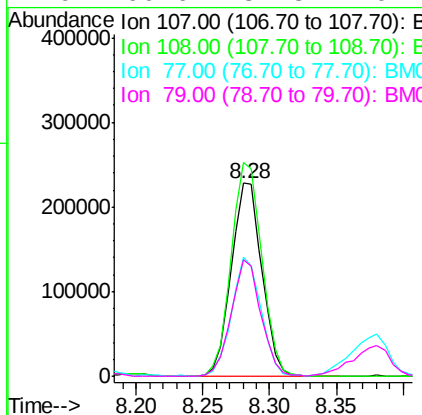
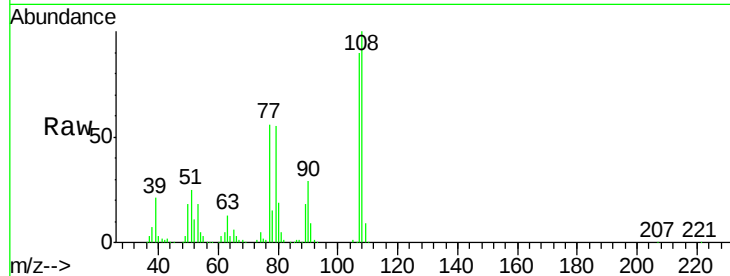
#17
2-Methylphenol
Concen: 49.88 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.8	89.8	134.8
77	61.5	32.6	48.8
79	60.6	32.8	49.2

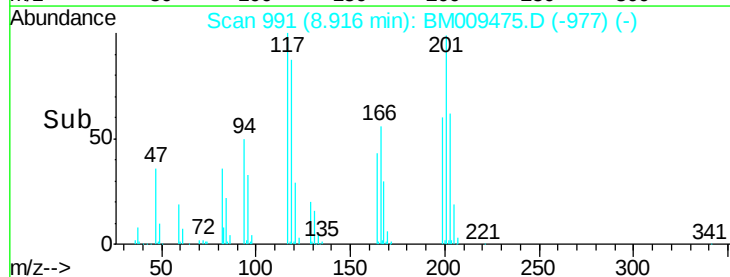
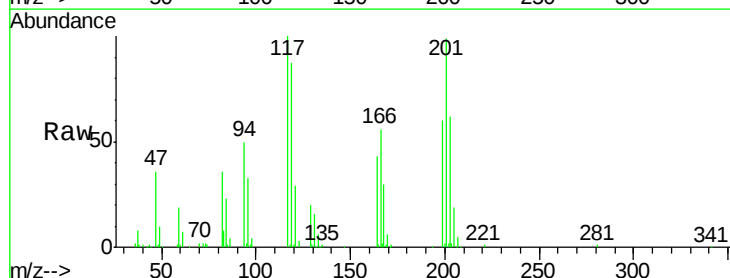
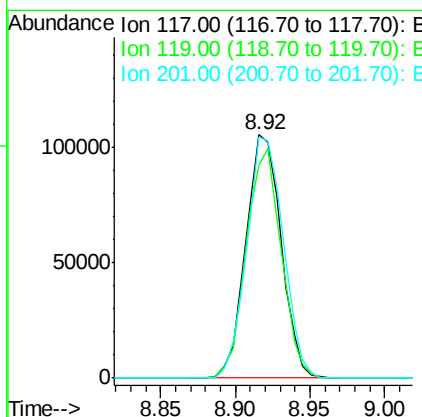
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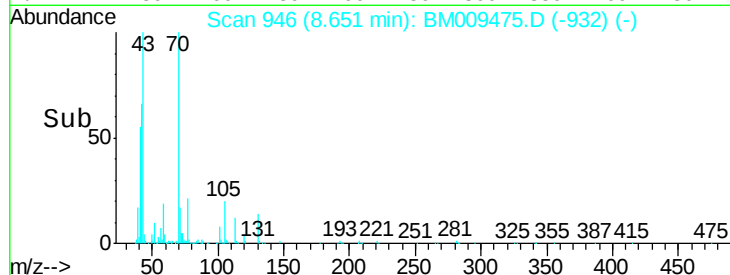
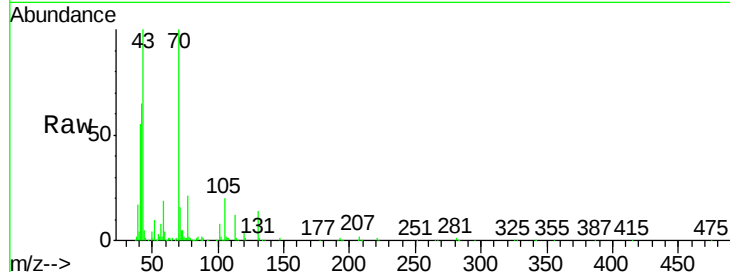
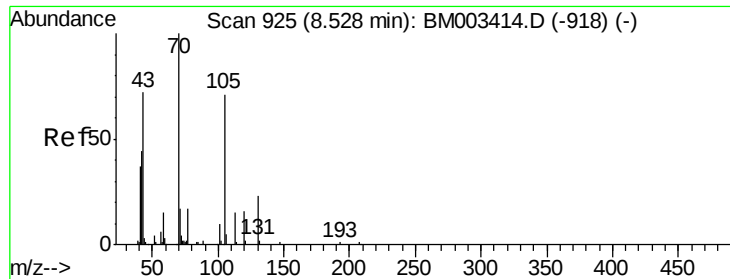
mohammad
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#18
Hexachloroethane
Concen: 44.14 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	87.2	79.2	118.8
201	98.8	69.8	104.6





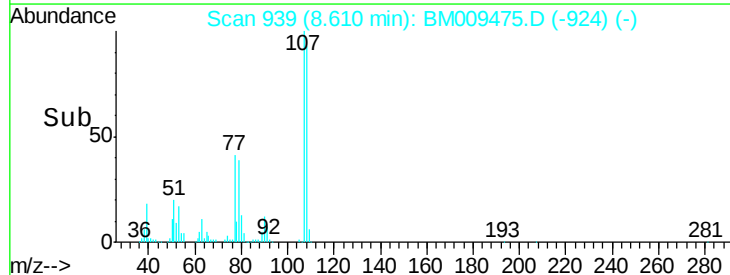
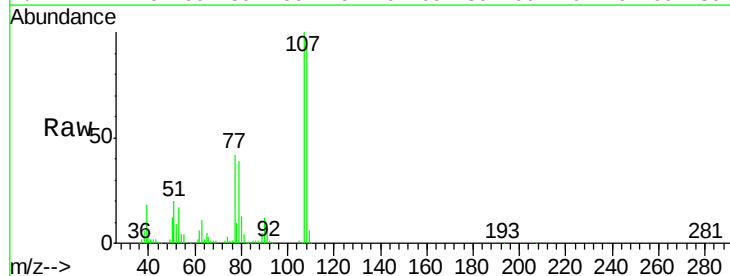
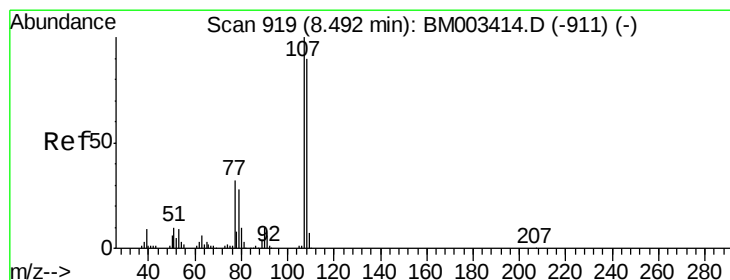
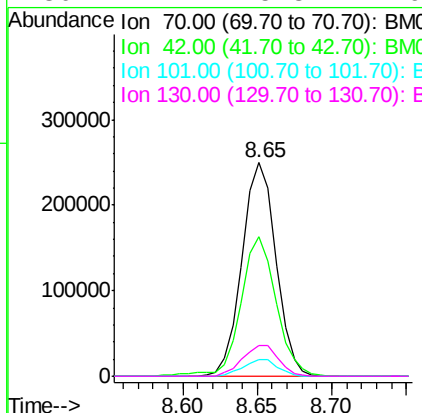
#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		393889		
42	65.4	44.5	66.7		
101	7.6	7.4	11.2		
130	14.2	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
PB97966BS

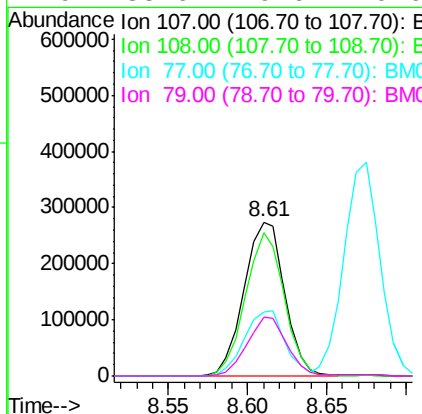
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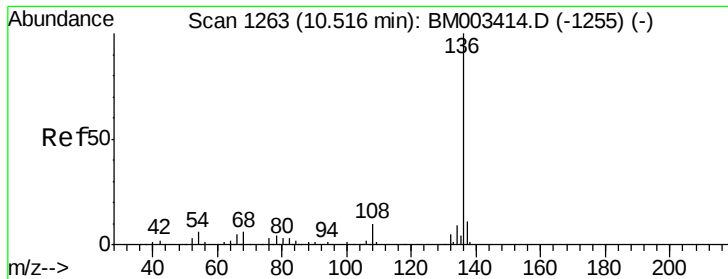
mohammad
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#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		488826		
108	93.5	73.2	113.2		
77	41.5	10.7	50.7		
79	38.6	9.6	49.6		





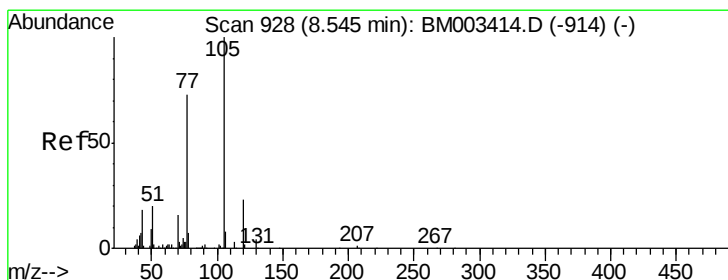
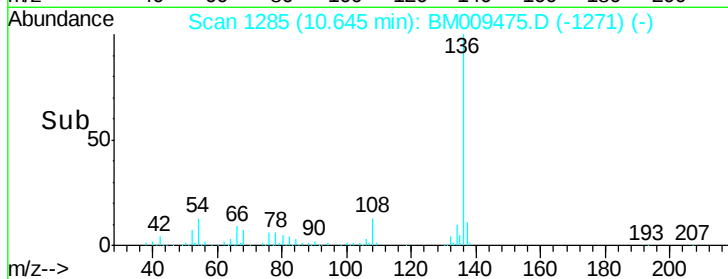
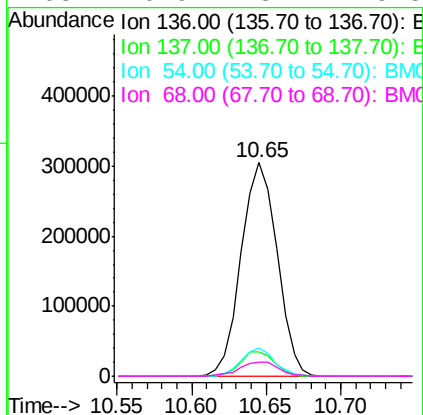
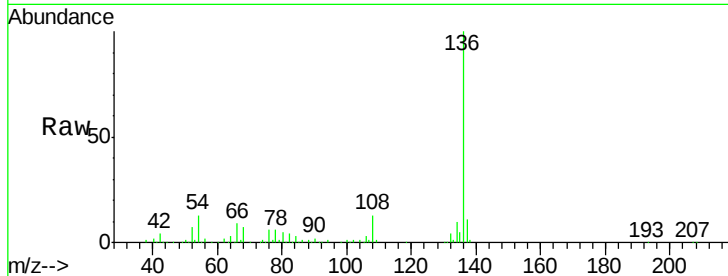
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	509742		
137	11.3		8.7	13.1
54	13.0		4.6	6.8#
68	6.9		3.7	5.5#

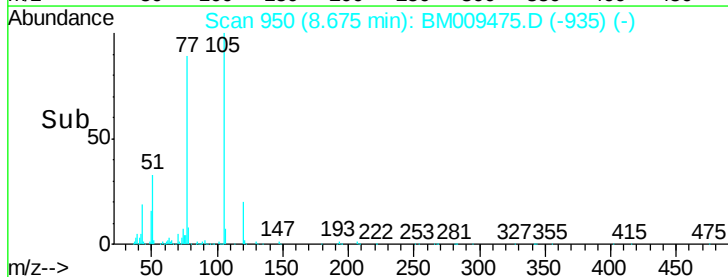
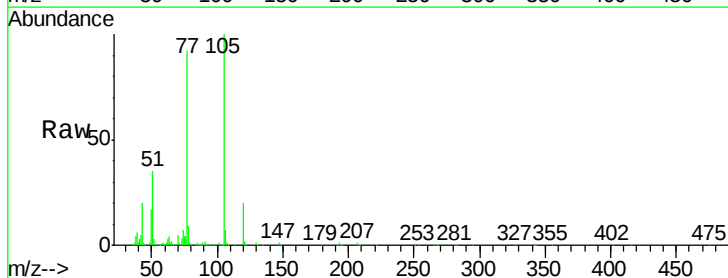
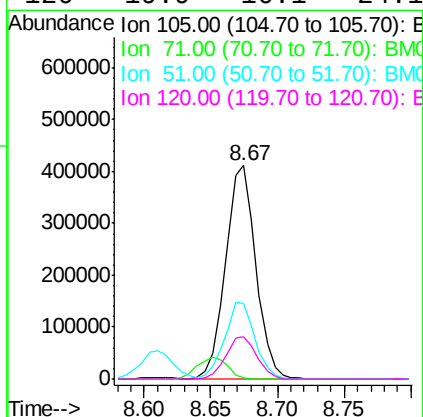
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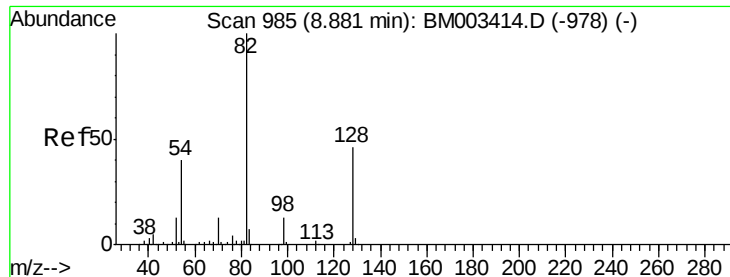
mohammad
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#22
Acetophenone
Concen: 45.33 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	651657		
71	0.8		0.6	1.0
51	35.1		21.6	32.4#
120	19.9		16.1	24.1





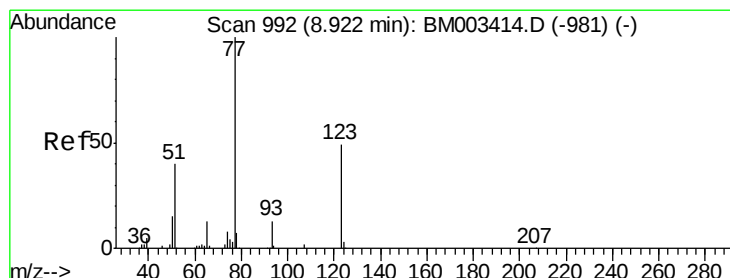
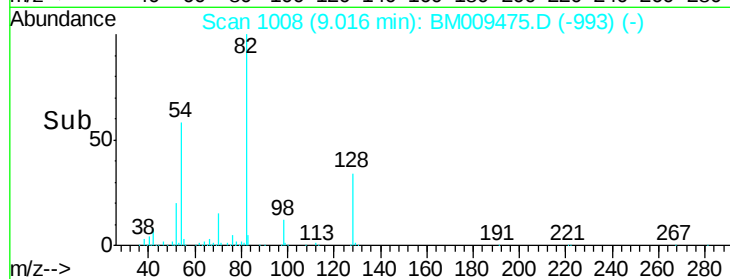
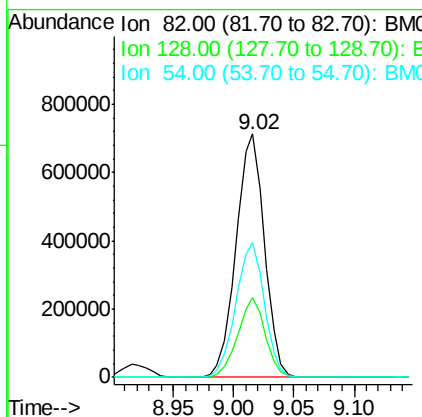
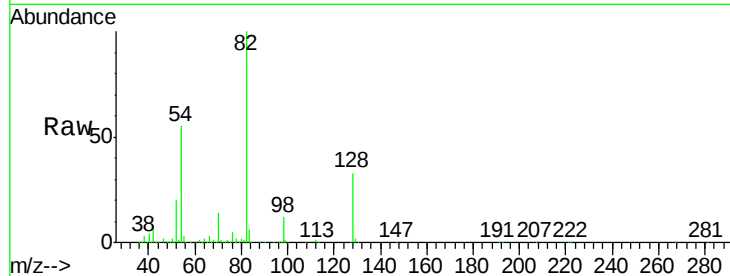
#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.8	49.2
54	55.5	40.6	60.8

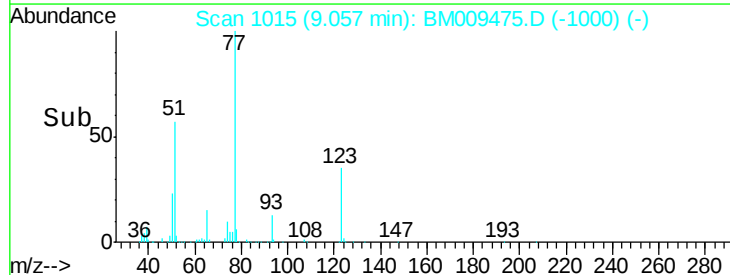
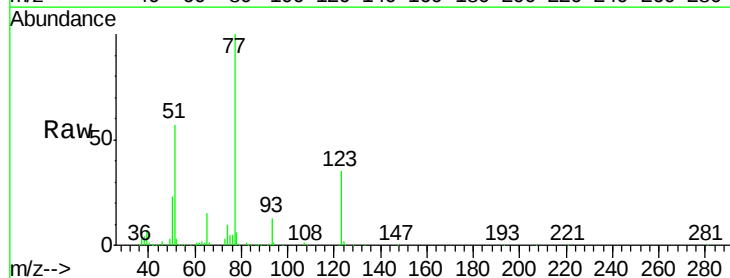
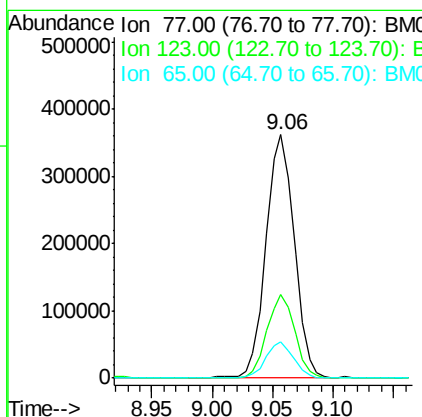
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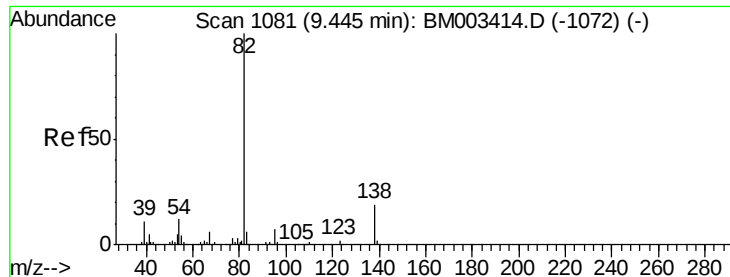
mohammad
 4/3/2017 11:49:38 AM



#24
 Nitrobenzene
 Concen: 44.23 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	32.6	49.0
65	14.7	10.9	16.3





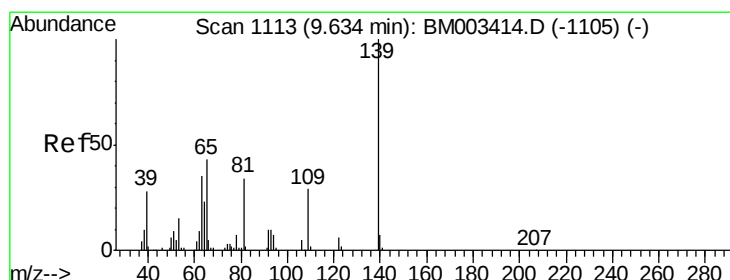
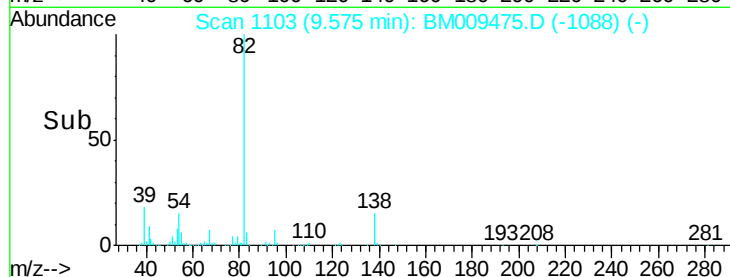
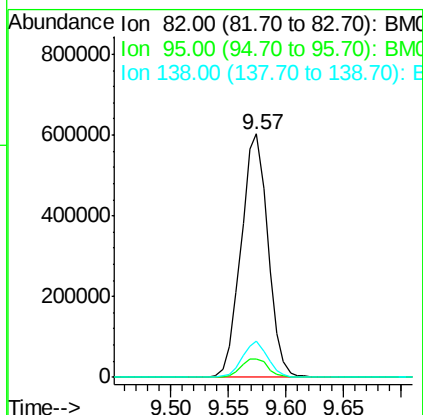
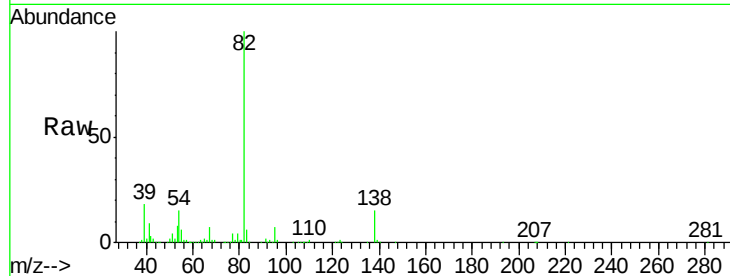
#25
Isophorone
Concen: 46.94 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	14.7	16.3	24.5

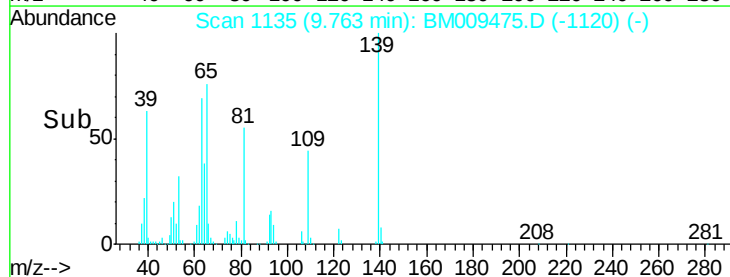
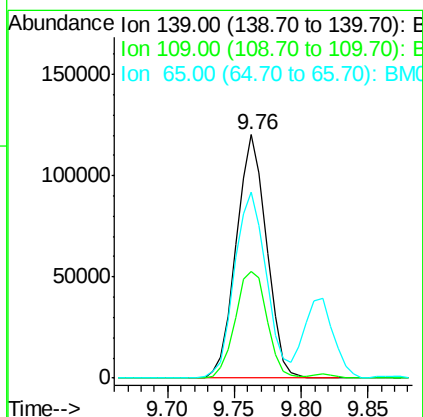
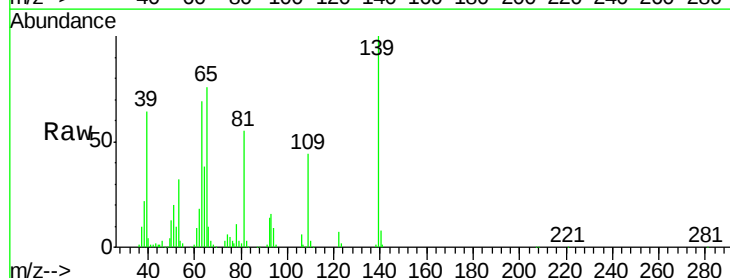
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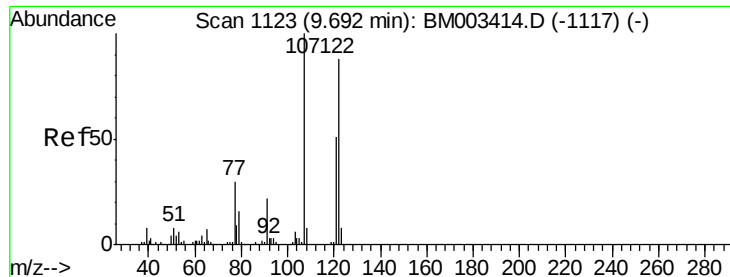
mohammad
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#26
2-Nitrophenol
Concen: 47.21 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.0	20.1	30.1
65	76.3	31.5	47.3





#27

2,4-Dimethylphenol

Concen: 51.29 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

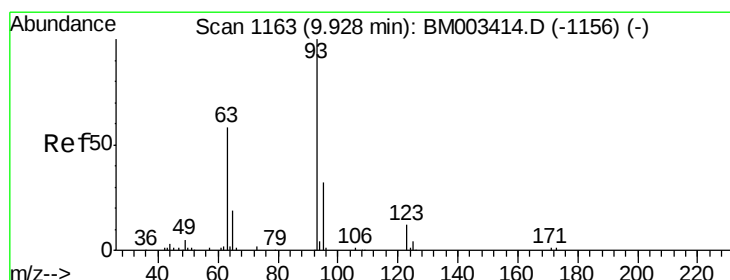
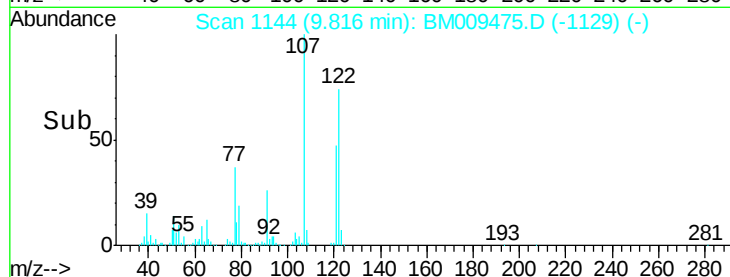
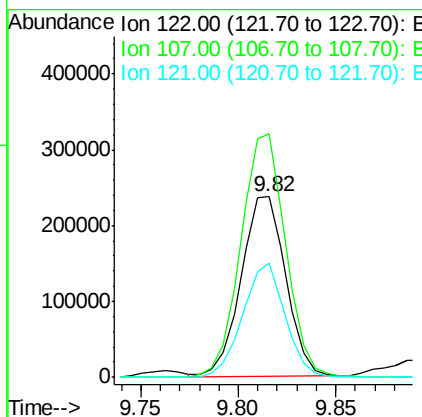
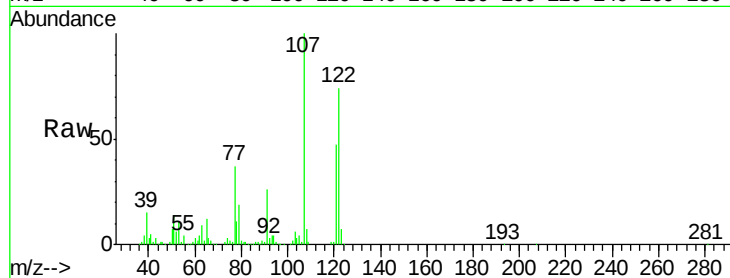
ClientSampleId :

PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	134.8	84.7	127.1#	
121	63.4	46.6	69.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 44.81 ng

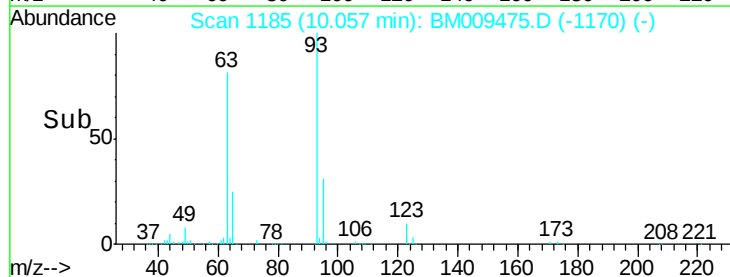
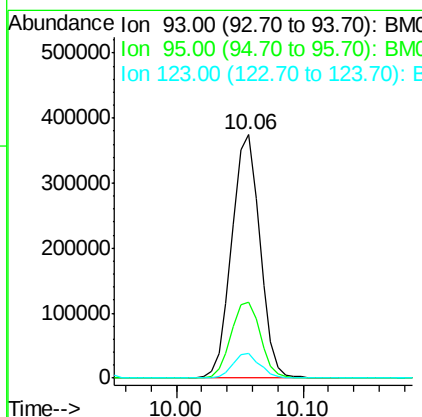
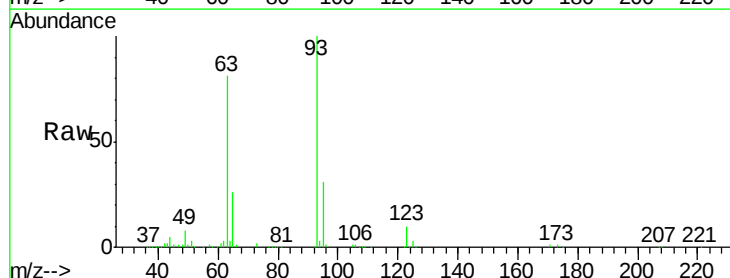
RT: 10.06 min Scan# 1185

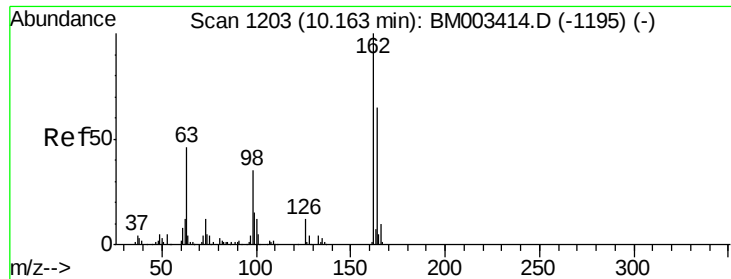
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.4	25.5	38.3	
123	10.1	8.6	13.0	





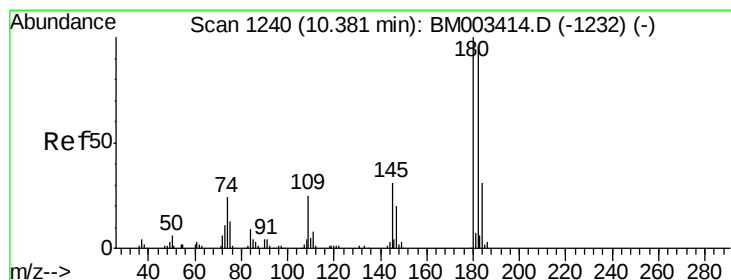
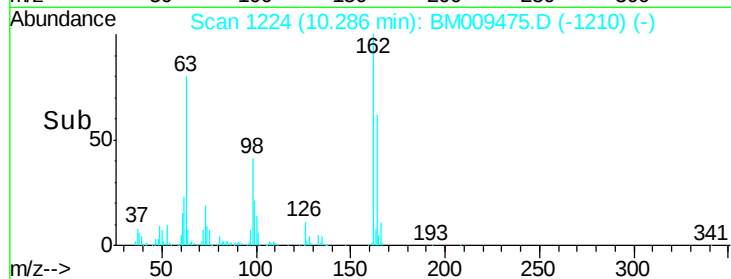
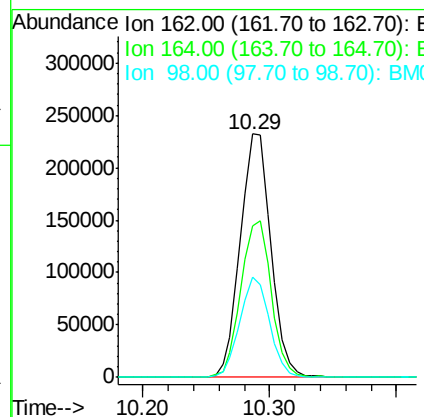
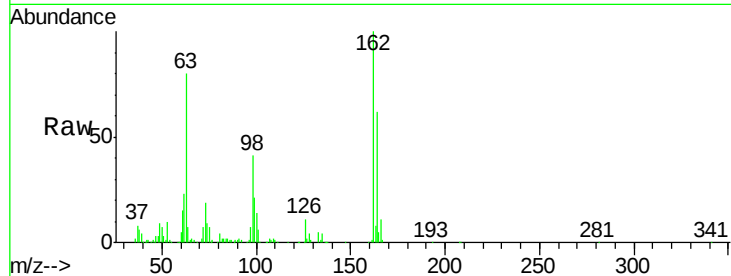
#29
 2,4-Dichlorophenol
 Concen: 50.71 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion:	162	Resp:	389607
Ion Ratio		Lower	Upper
162	100		
164	62.3	42.8	82.8
98	41.0	14.5	54.5

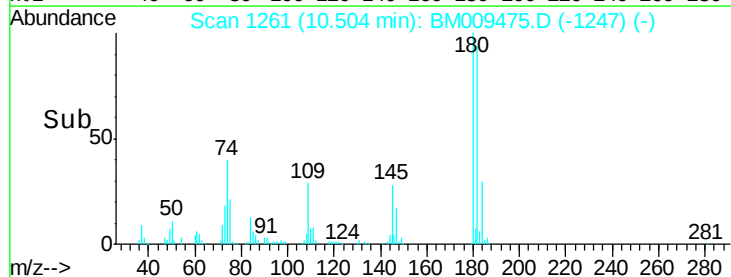
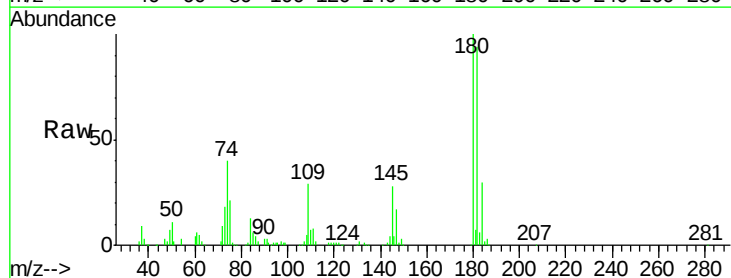
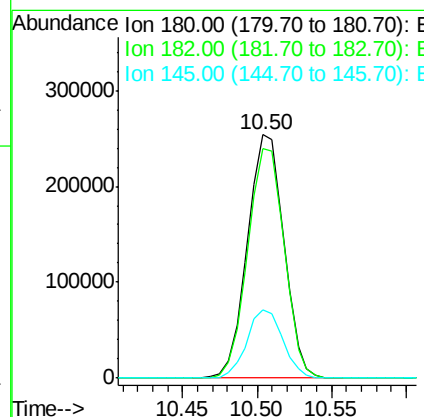
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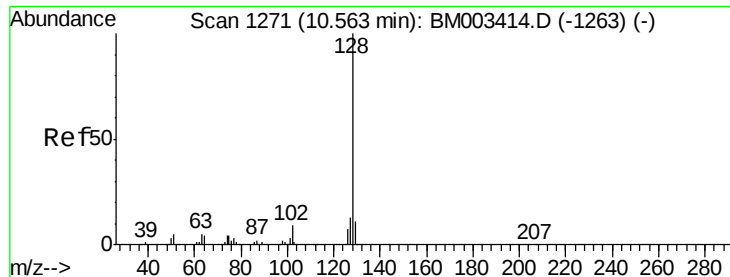
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.88 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:	180	Resp:	427828
Ion Ratio		Lower	Upper
180	100		
182	94.1	77.6	116.4
145	28.1	23.4	35.2





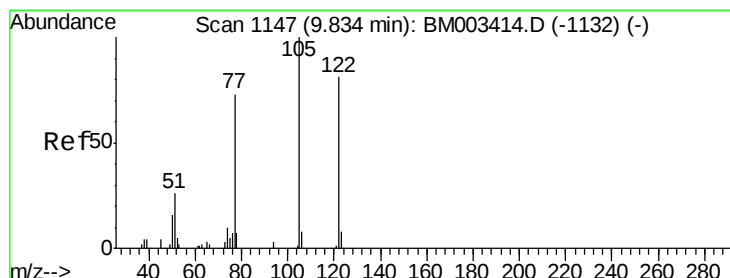
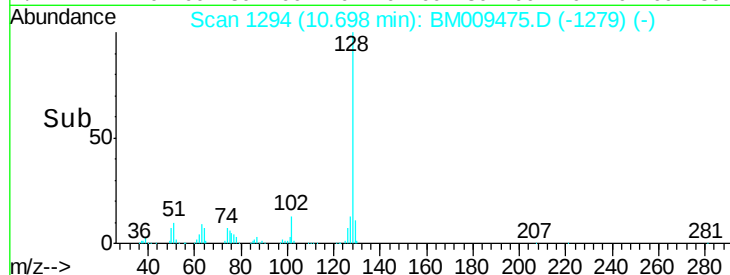
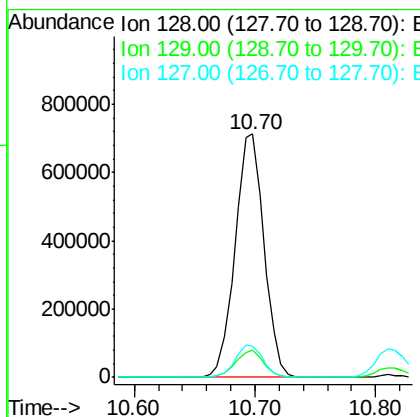
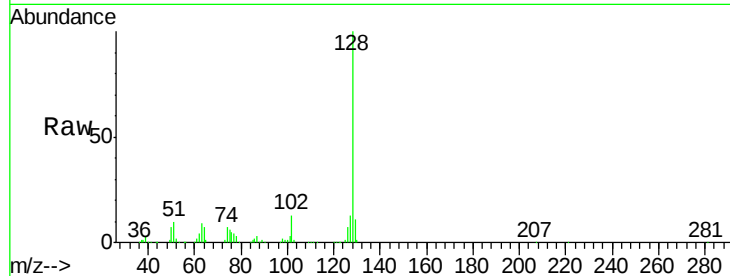
#31
Naphthalene
Concen: 43.85 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.5	10.4	15.6

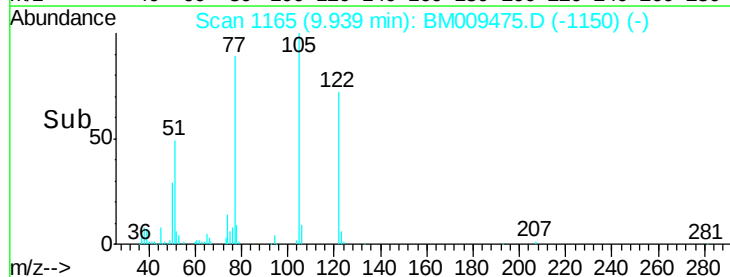
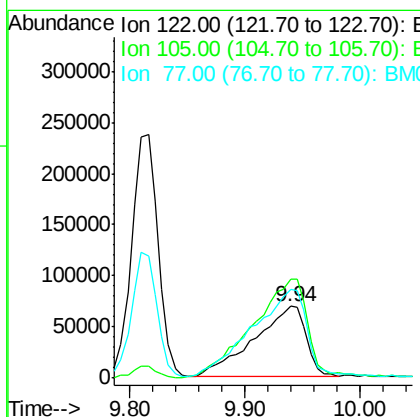
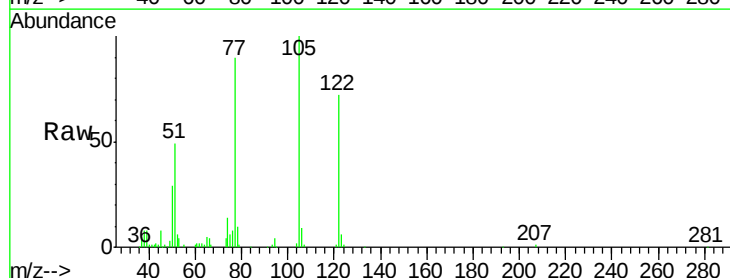
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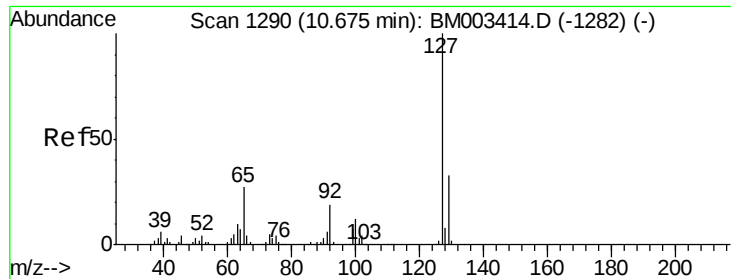
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#32
Benzoic acid
Concen: 41.51 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.0	99.9	139.9
77	123.9	73.7	113.7#





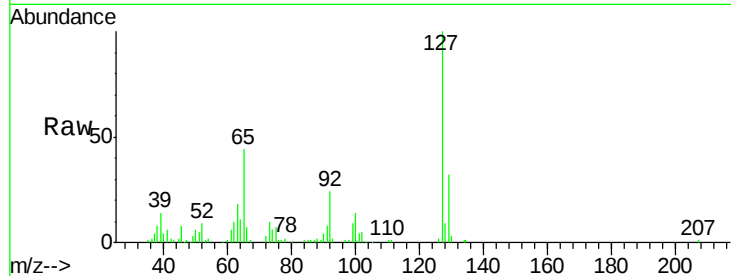
#33
4-Chloroaniline
Concen: 14.44 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.3	37.9		
65	43.6	17.6	26.4		
92	24.3	13.1	19.7		

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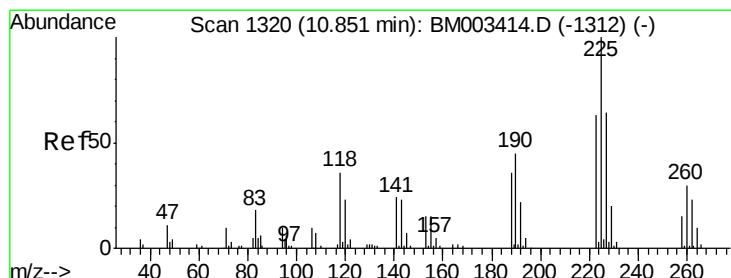
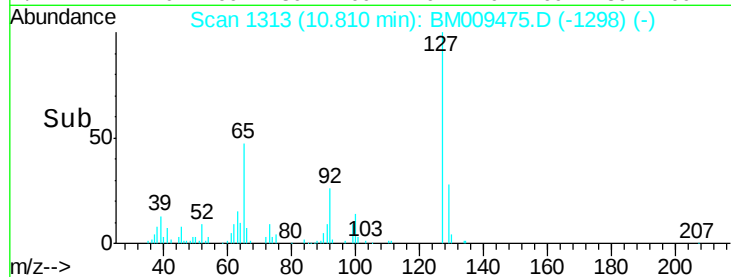
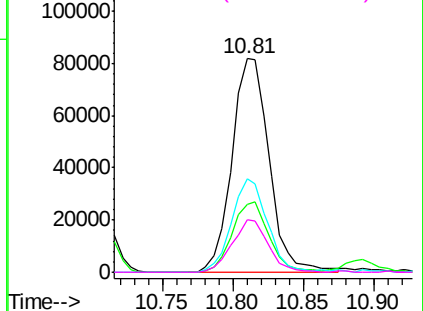
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

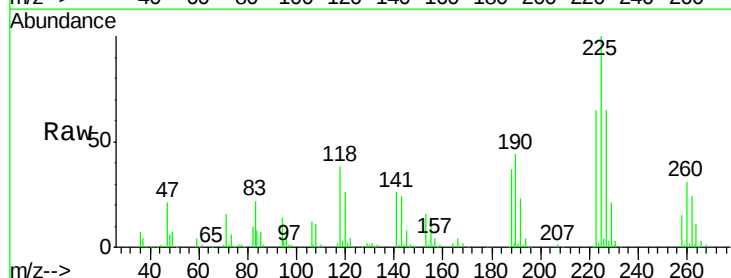
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.11 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	47.9	71.9		
227	65.4	50.1	75.1		

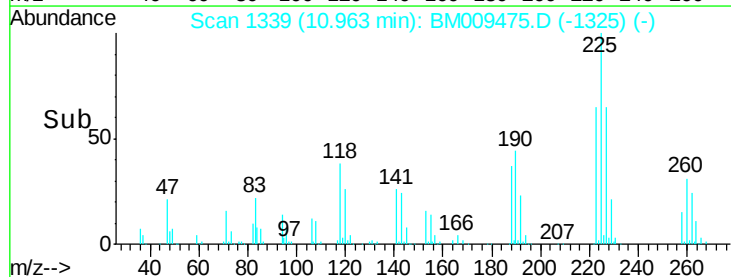
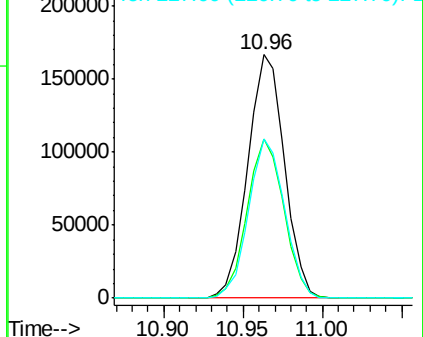


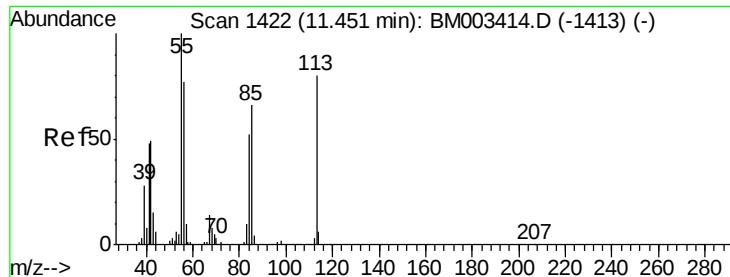
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.97 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

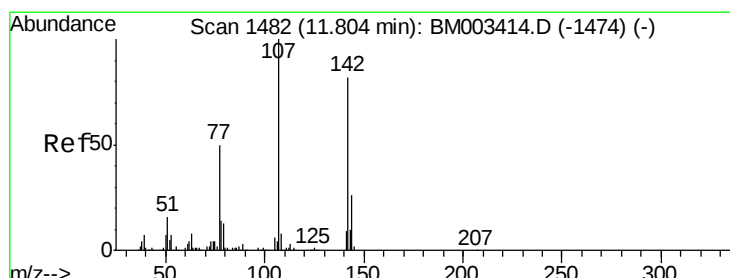
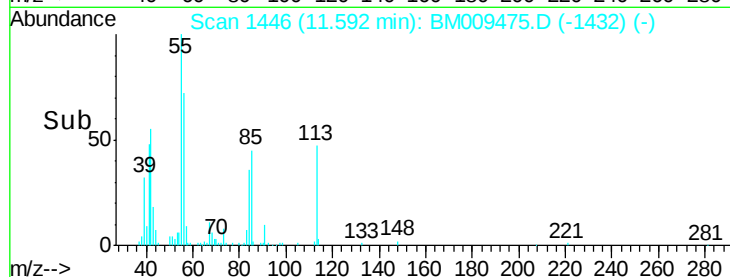
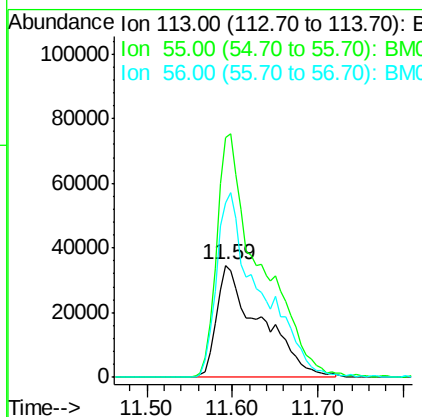
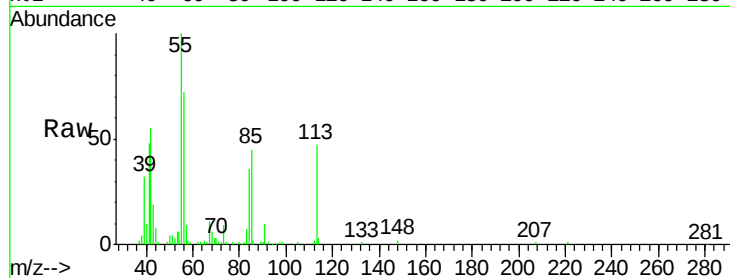
ClientSampleID :

PB97966BS

Tot Ion:	113	Resp:	121886
Ion Ratio	Lower	Upper	
113	100		
55	214.1	145.9	185.9#
56	155.1	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 51.67 ng/ml

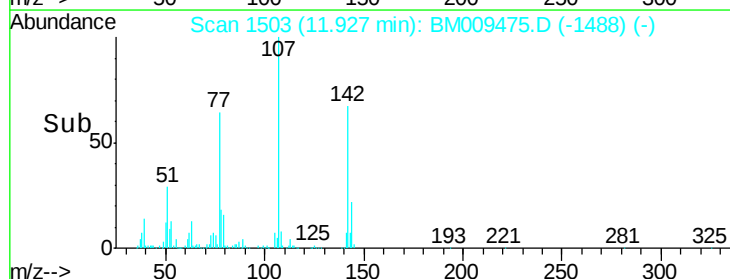
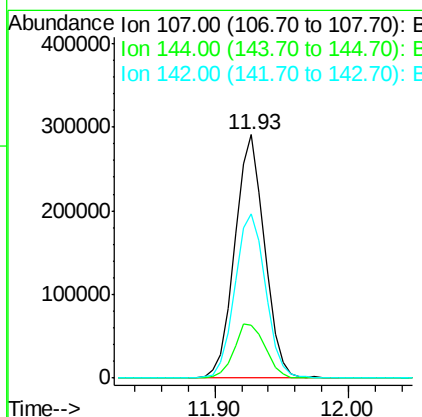
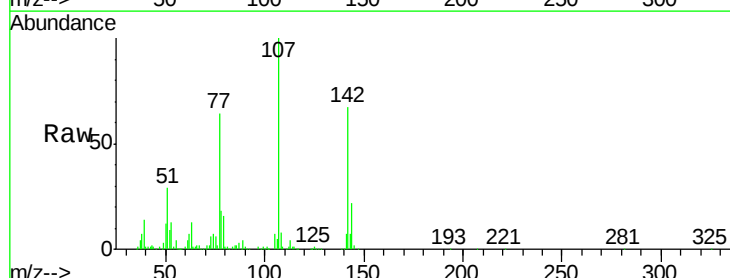
RT: 11.93 min Scan# 1503

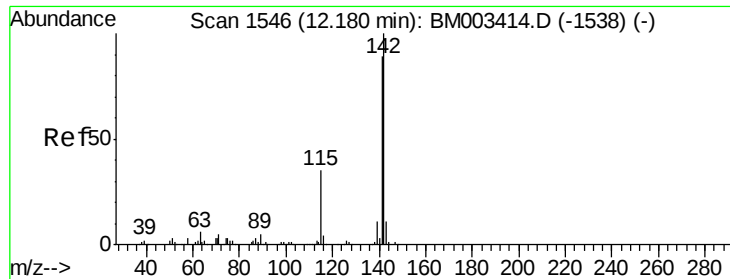
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	107	Resp:	449090
Ion Ratio	Lower	Upper	
107	100		
144	21.8	23.3	34.9#
142	67.4	72.6	109.0#





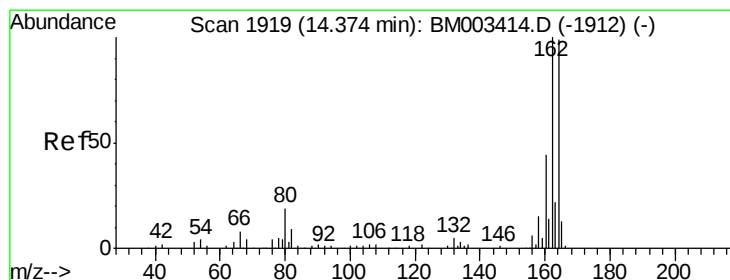
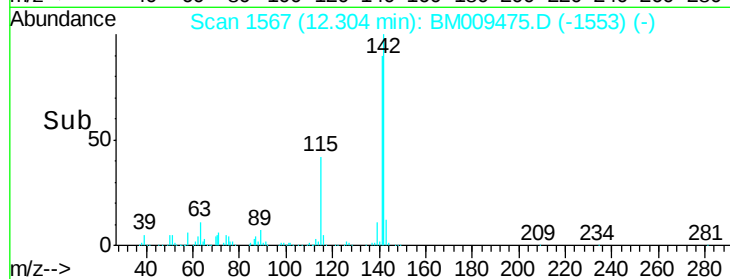
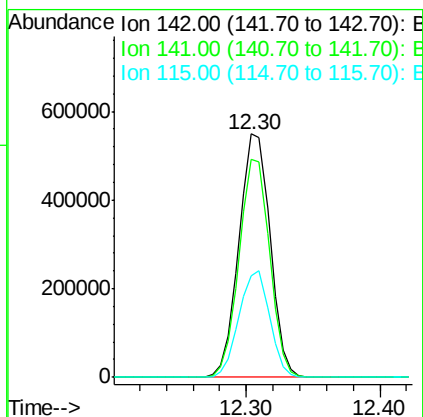
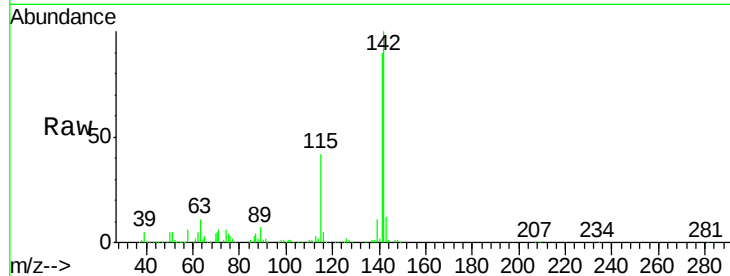
#37
2-Methylnaphthalene
Concen: 47.66 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	41.8	25.4	38.0

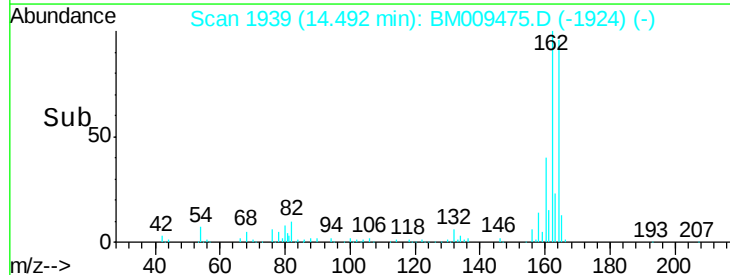
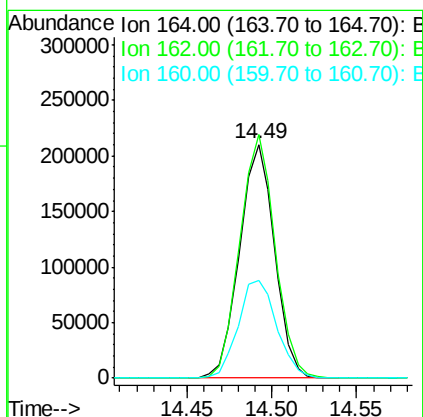
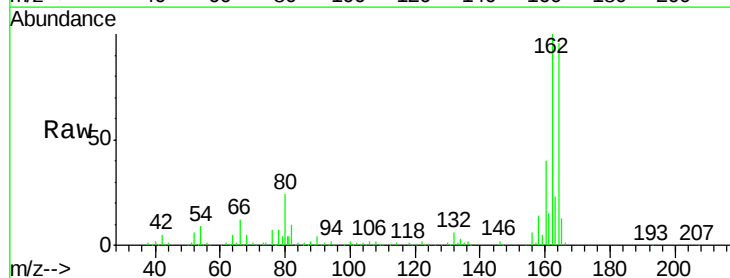
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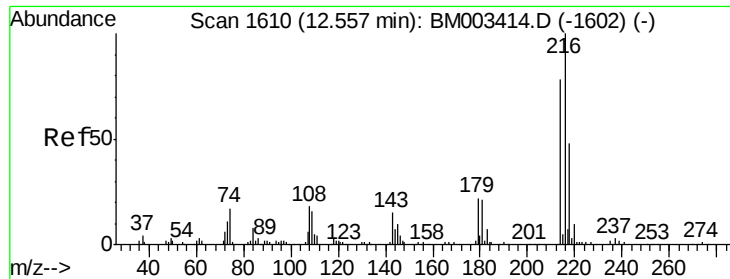
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	41.9	35.8	53.6





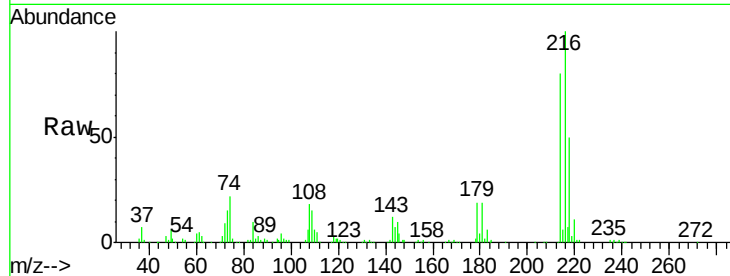
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.65 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

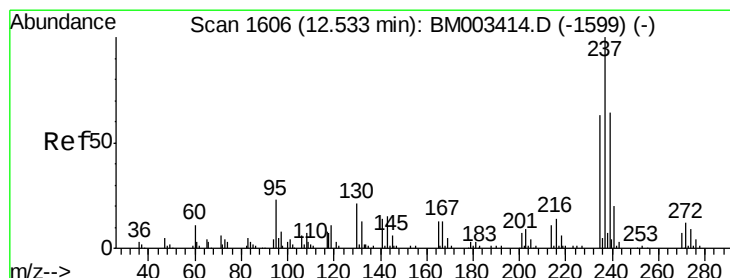
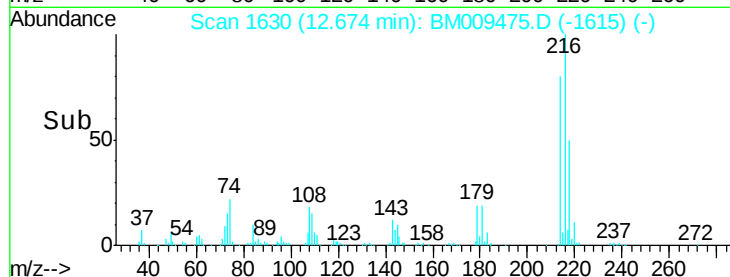
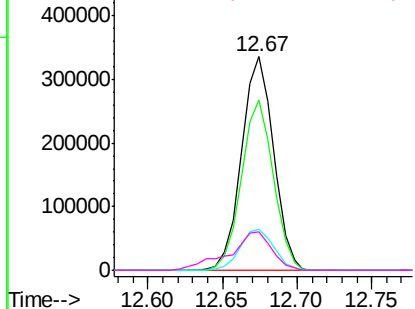
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.1	0.0	0.0#		
179	20.1	0.0	0.0#		
108	24.0	0.0	0.0#		

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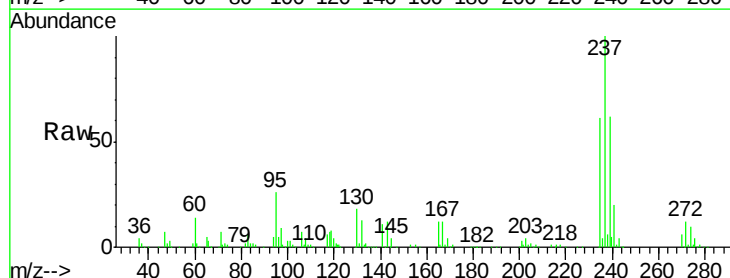


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

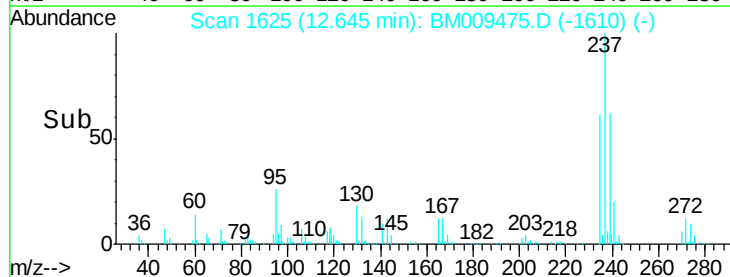
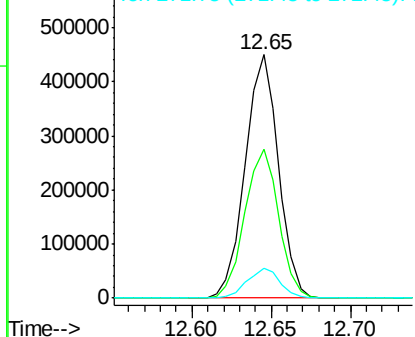


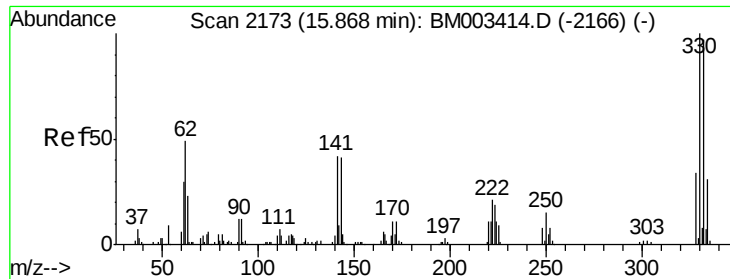
#40
 Hexachlorocyclopentadiene
 Concen: 99.74 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.1	42.0	82.0		
272	12.3	0.0	33.4		



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





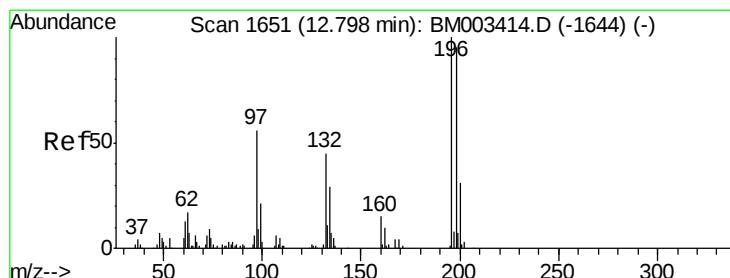
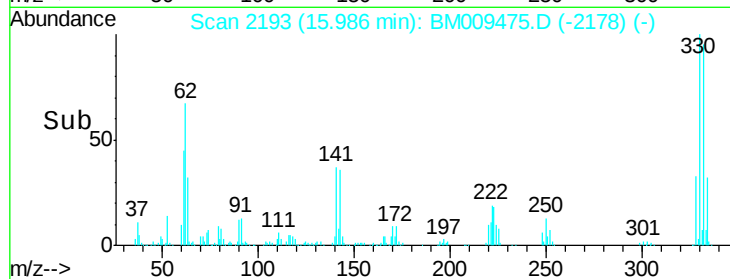
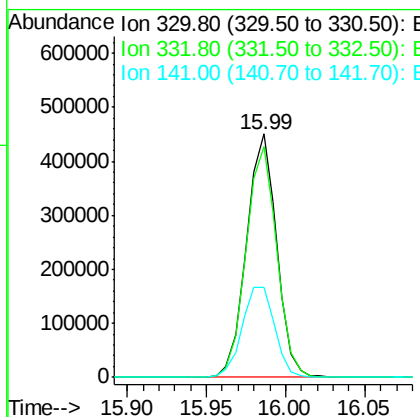
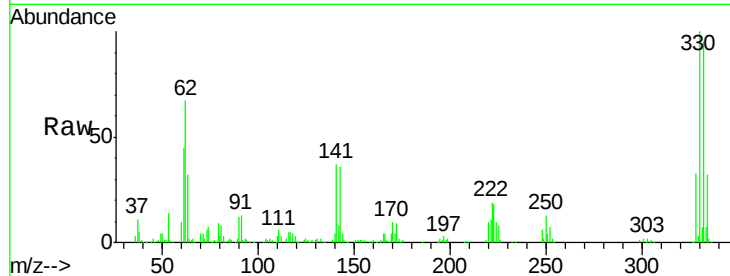
#41
 2,4,6-Tribromophenol
 Concen: 158.65 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	40.0	0.0	0.0#

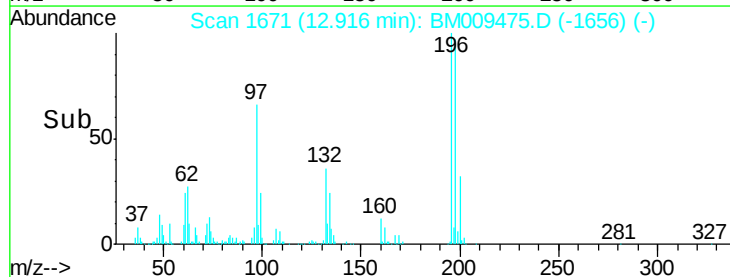
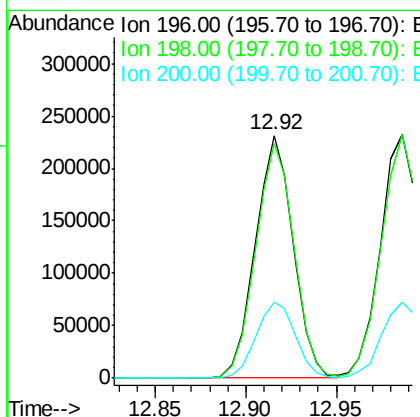
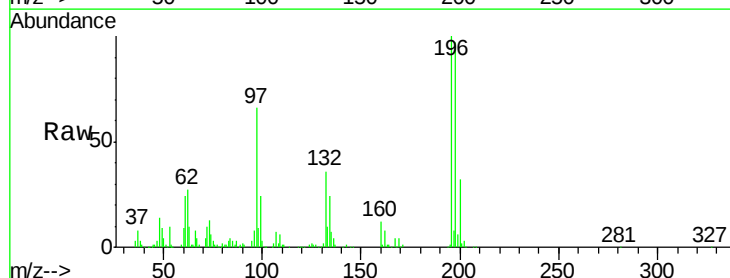
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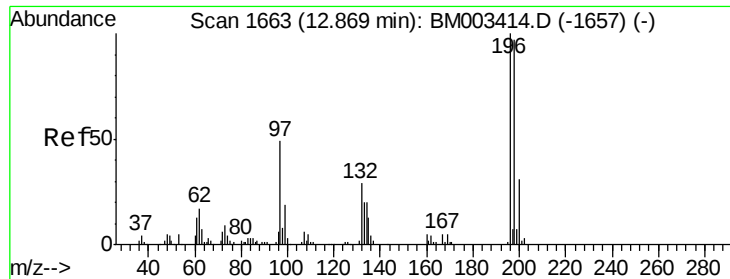
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#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.7	76.3	114.5
200	31.5	25.6	38.4





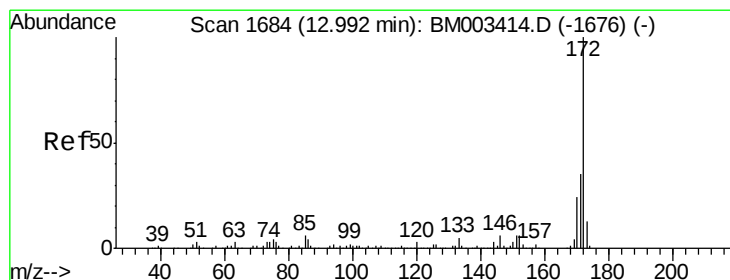
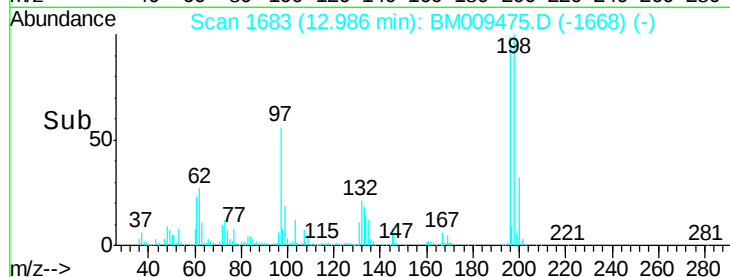
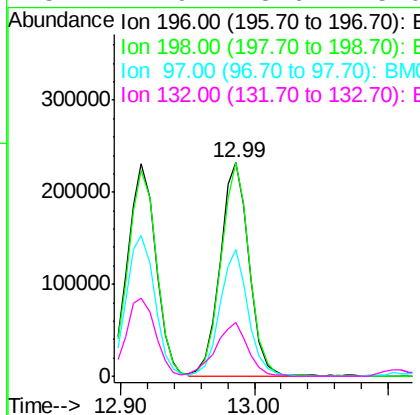
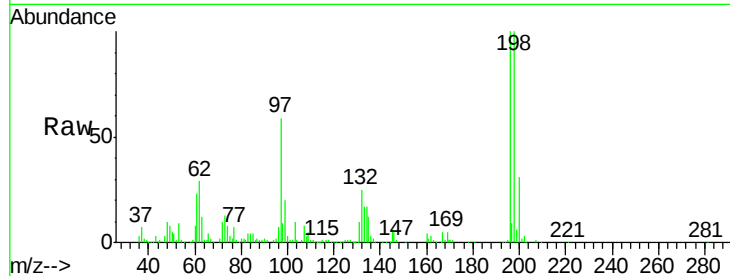
#43
 2,4,5-Trichlorophenol
 Concen: 47.83 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.0	79.4	119.0	
97	59.4	26.8	40.2	
132	24.9	18.6	28.0	

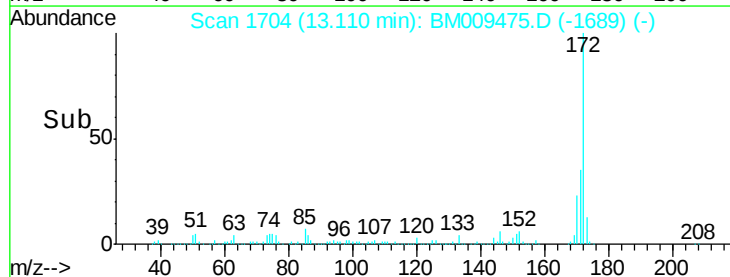
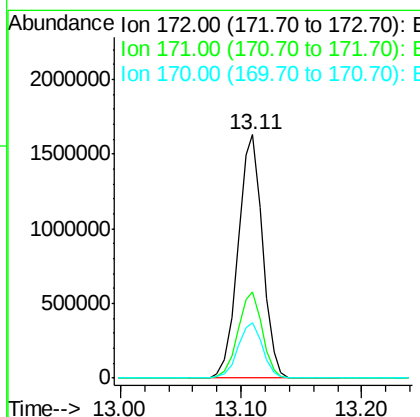
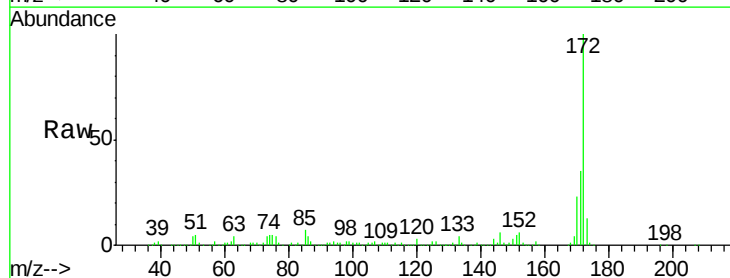
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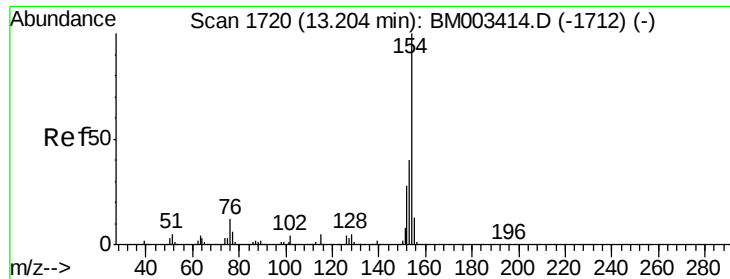
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.5	42.7	
170	23.0	18.8	28.2	





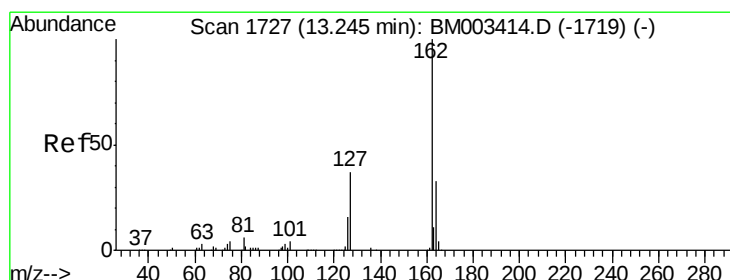
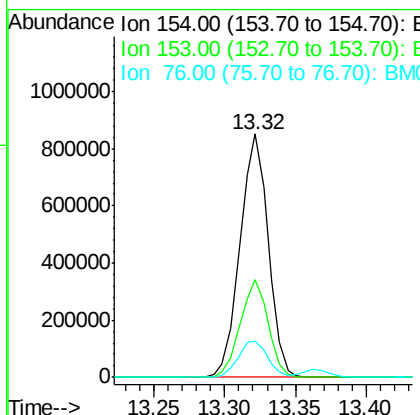
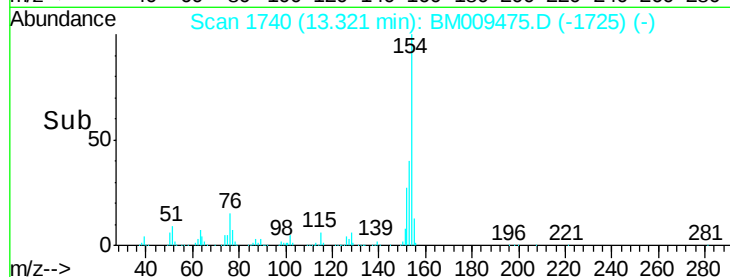
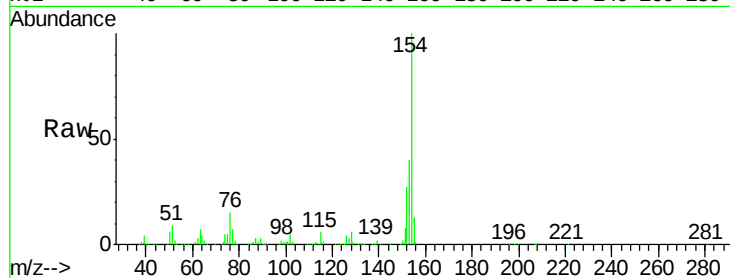
#45
 1,1'-Biphenyl
 Concen: 47.07 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	15.0	0.0	30.9

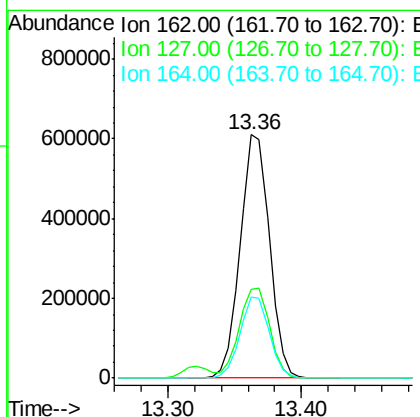
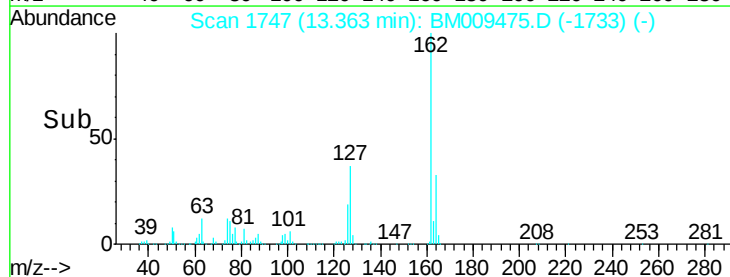
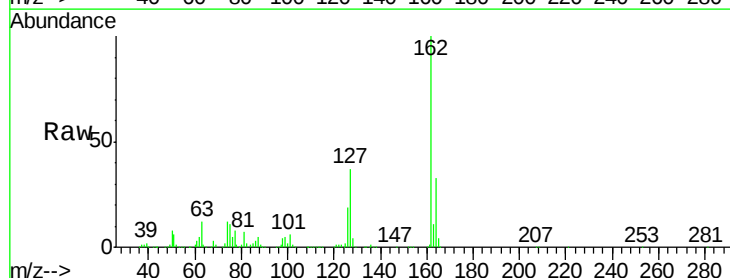
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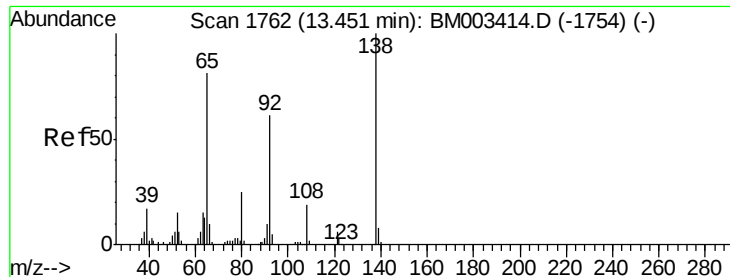
mohammad
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#46
 2-Chloronaphthalene
 Concen: 47.29 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	26.9	40.3
164	33.0	26.8	40.2





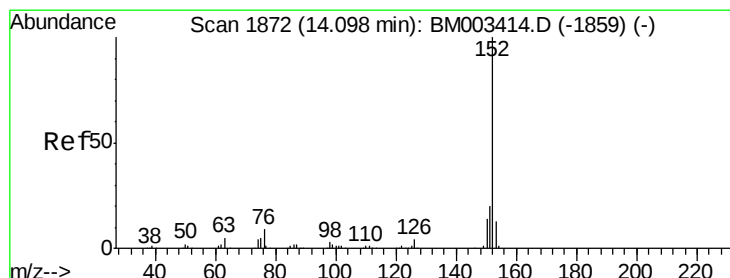
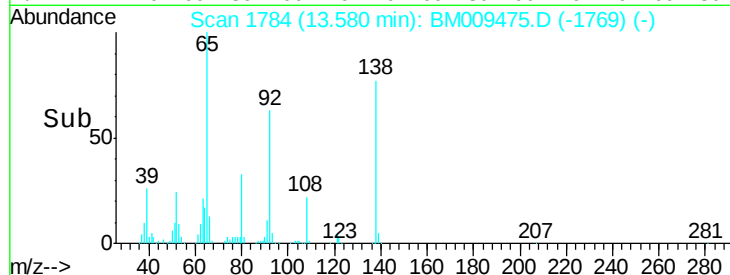
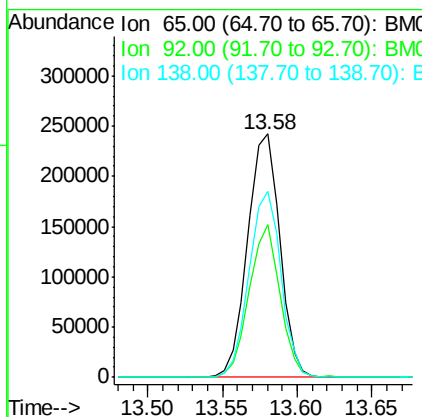
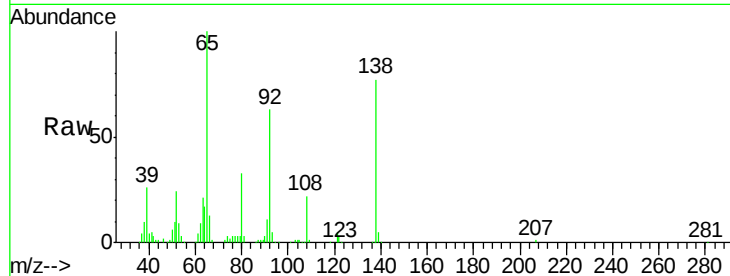
#47
2-Nitroaniline
Concen: 50.30 ng
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	59.1	88.7
138	76.7	93.9	140.9

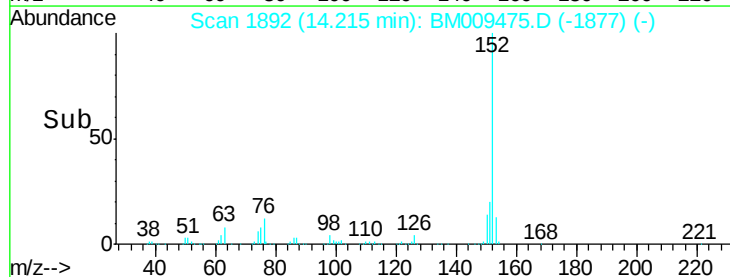
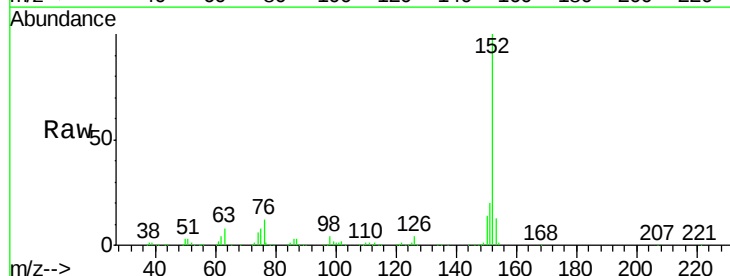
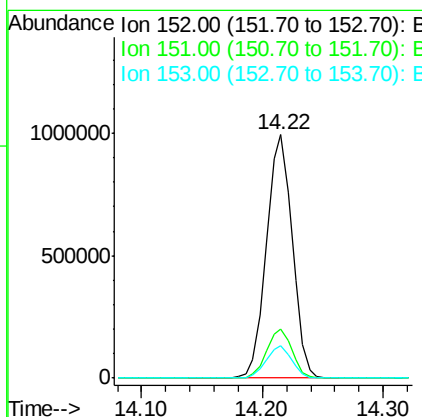
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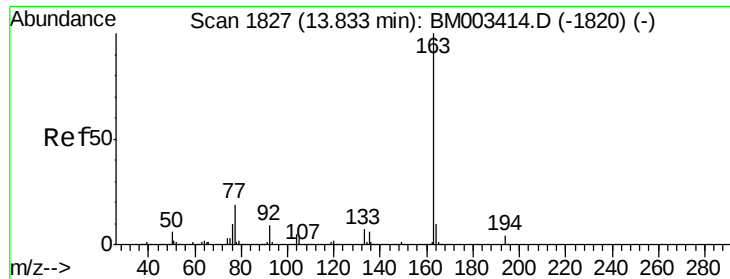
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#48
Acenaphthylene
Concen: 46.03 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.3	10.6	16.0





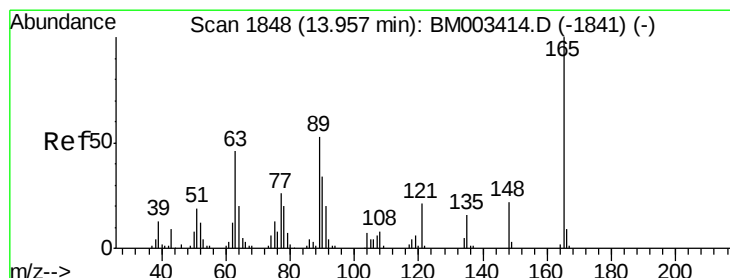
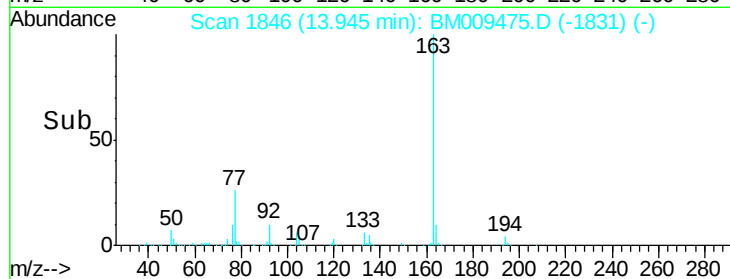
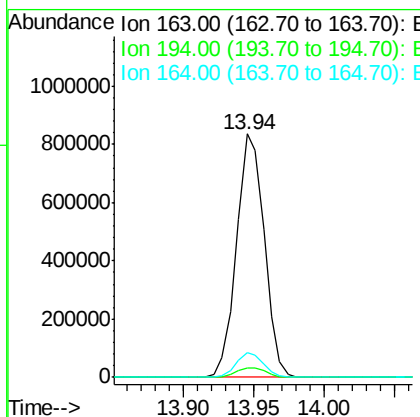
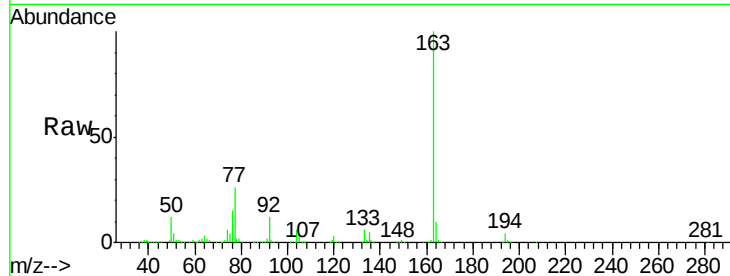
#49
Dimethylphthalate
Concen: 49.30 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleID :
PB97966BS

Tot Ion:163 Resp: 1146571
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

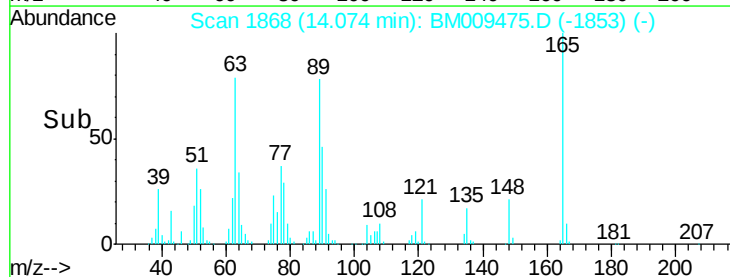
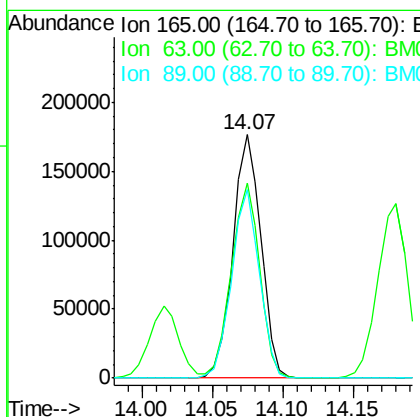
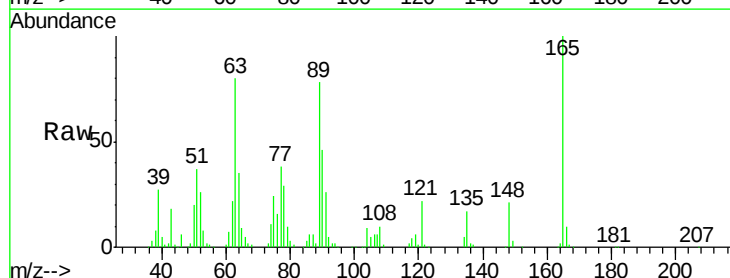
Manual Integrations
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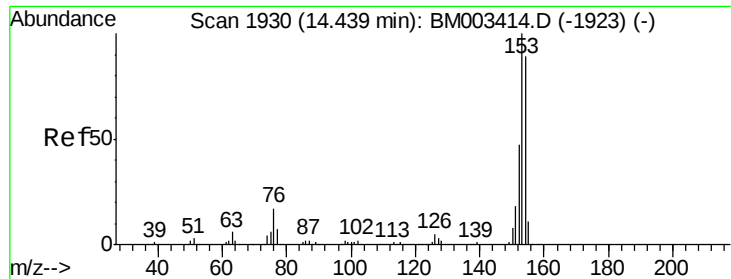
mohammad
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#50
2,6-Dinitrotoluene
Concen: 48.71 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:165 Resp: 244113
Ion Ratio Lower Upper
165 100
63 80.1 44.1 66.1#
89 77.6 44.3 66.5#





#51

Acenaphthene

Concen: 46.06 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

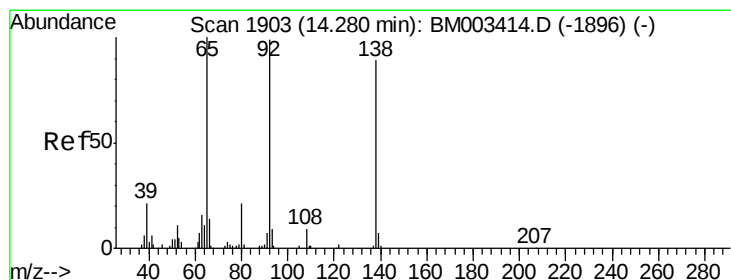
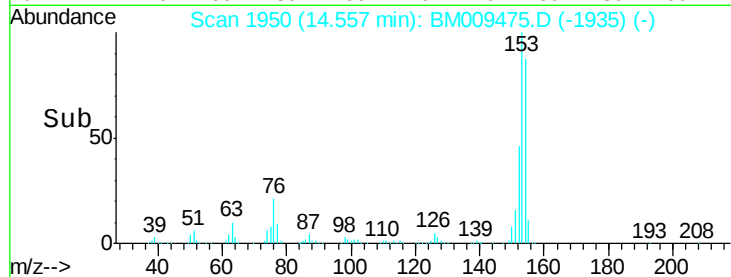
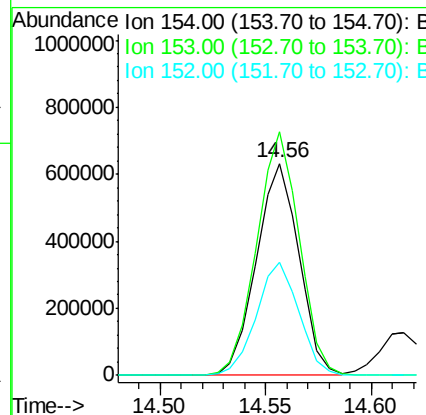
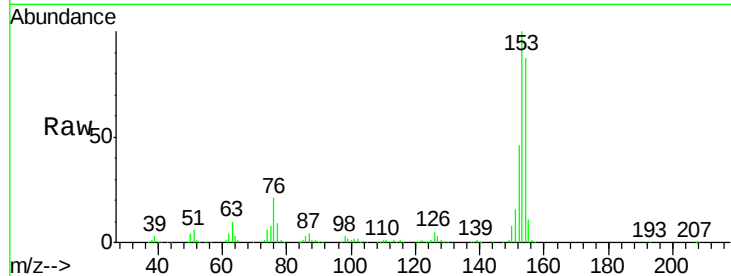
ClientSampleId :

PB97966BS

Tot Ion:	154	Resp:	886250
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.0	135.0
152	53.2	42.6	63.8

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#52

3-Nitroaniline

Concen: 25.60 ng

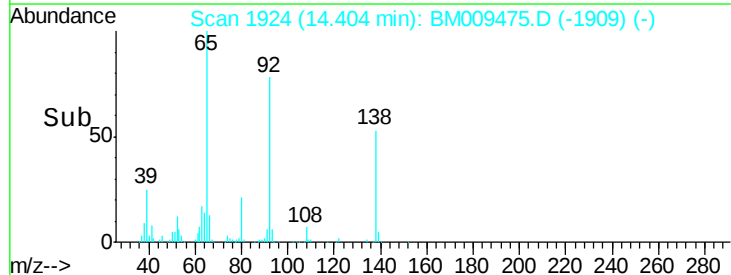
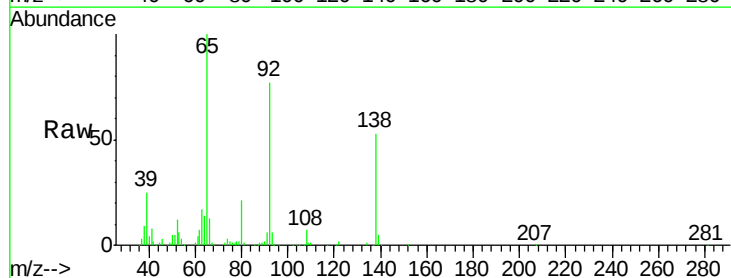
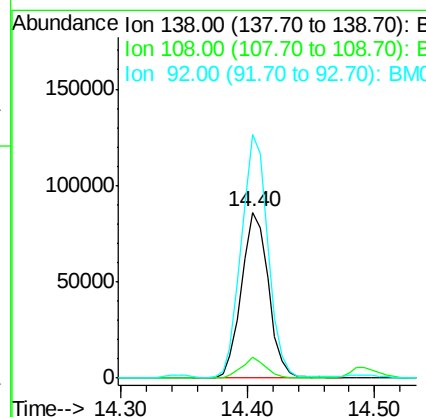
RT: 14.40 min Scan# 1924

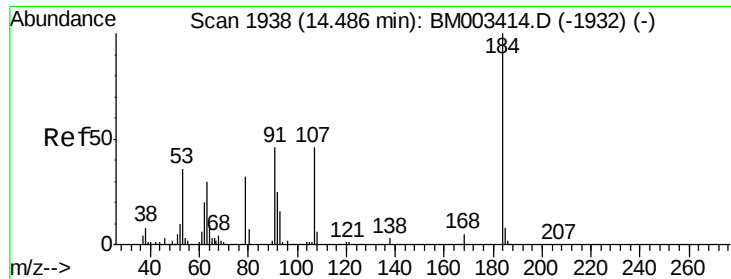
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	138	Resp:	126404
Ion Ratio	Lower	Upper	
138	100		
108	12.6	7.3	10.9#
92	146.7	76.6	114.8#





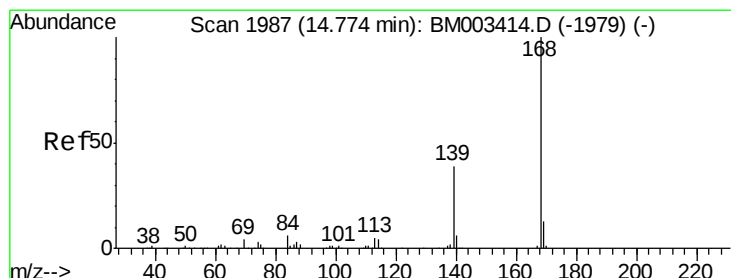
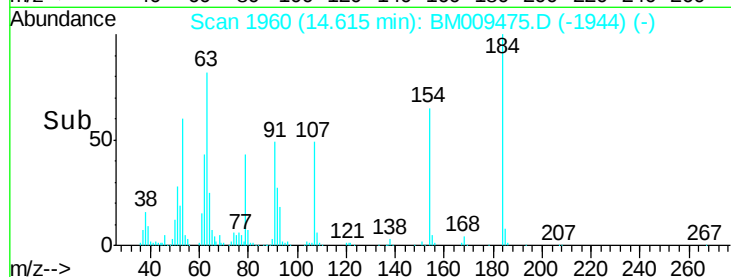
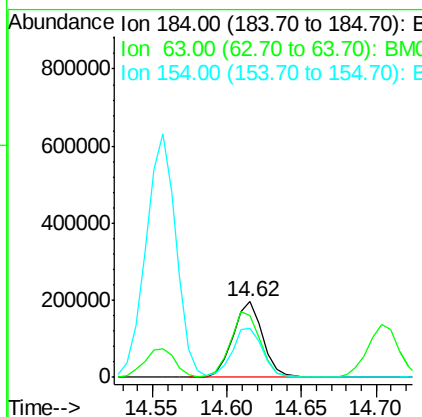
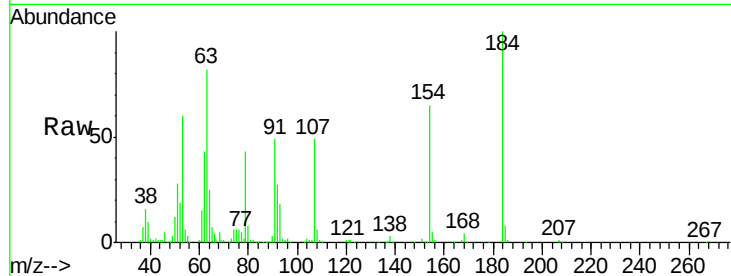
#53
2,4-Dinitrophenol
Concen: 80.73 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	273038		
63	82.2	69.2	103.8	
154	64.9	53.3	79.9	

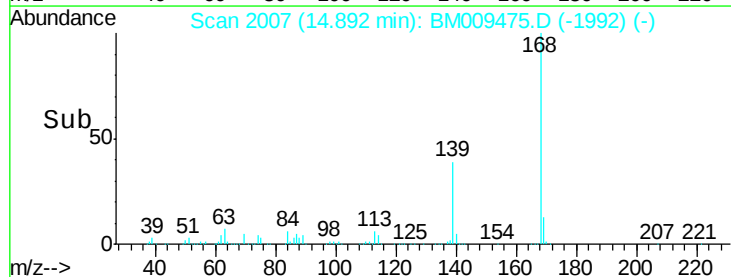
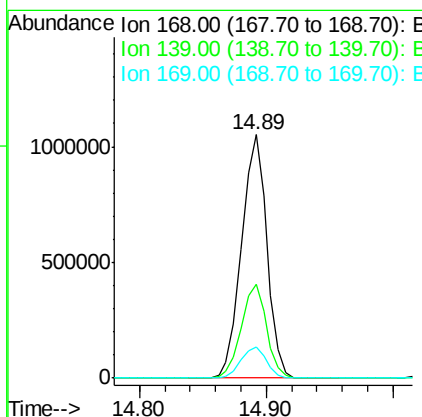
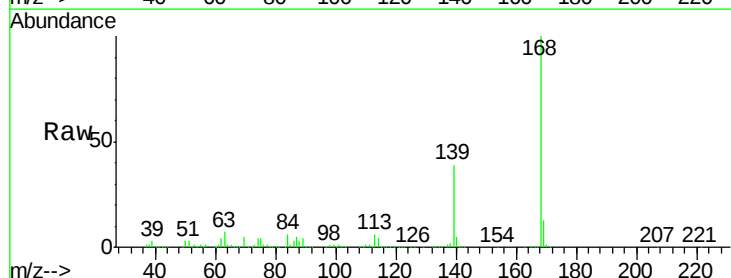
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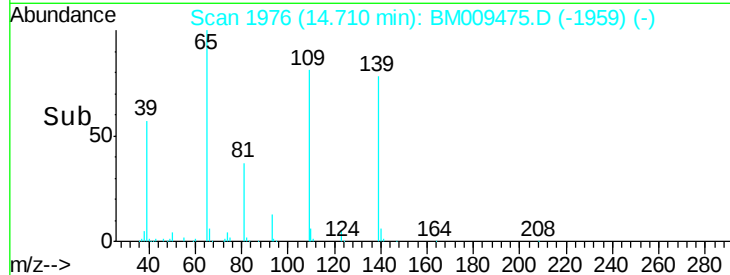
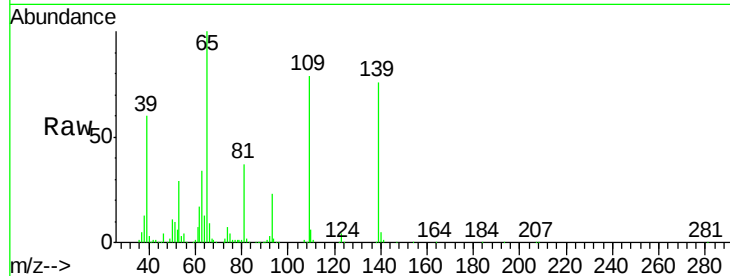
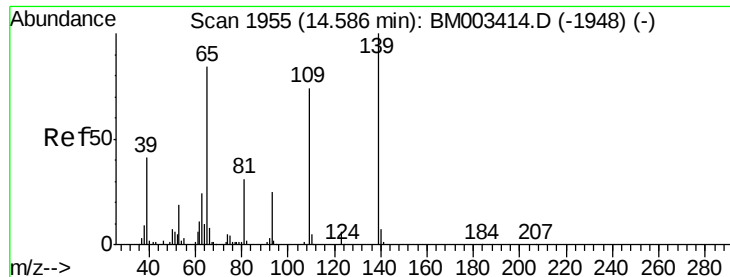
mohammad
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#54
Dibenzofuran
Concen: 50.89 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1448264		
139	38.7	27.3	40.9	
169	12.7	10.6	16.0	





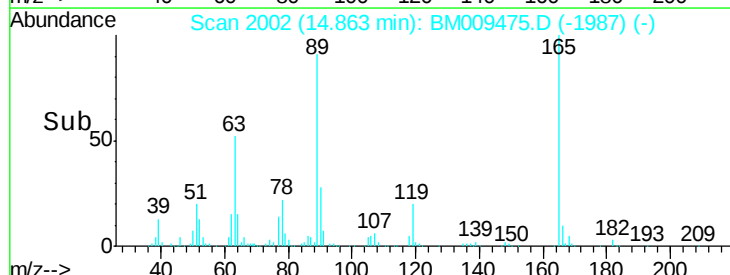
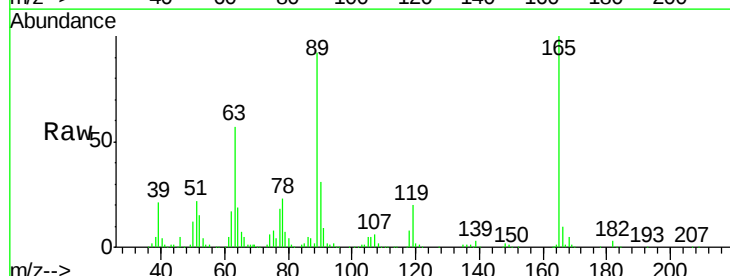
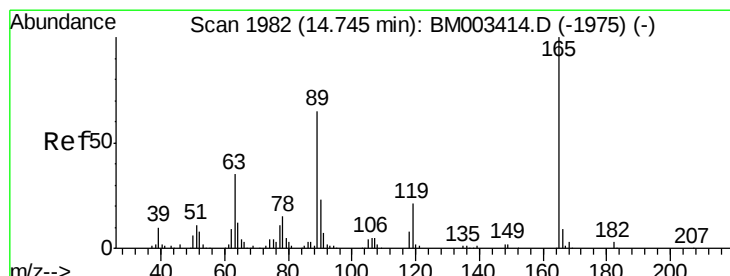
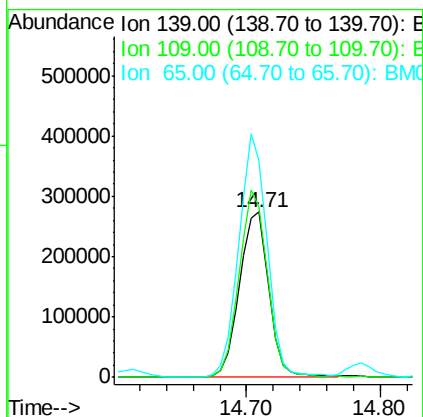
#55
4-Nitrophenol
Concen: 102.41 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleID :
PB97966BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	103.7	37.7	77.7#
65	131.5	49.9	89.9#

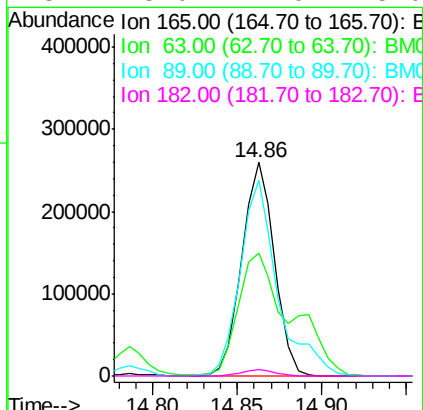
Manual Integrations
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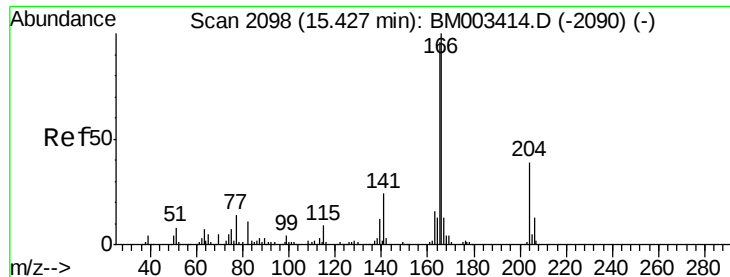
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#56
2,4-Dinitrotoluene
Concen: 51.56 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	52.4	78.6
89	92.0	72.4	108.6
182	3.0	2.0	3.0#





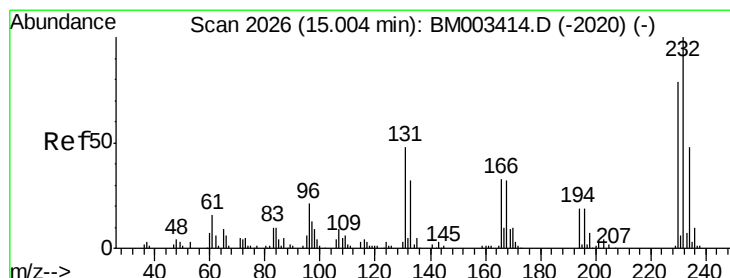
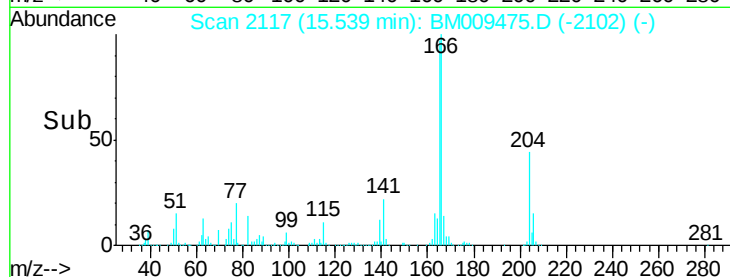
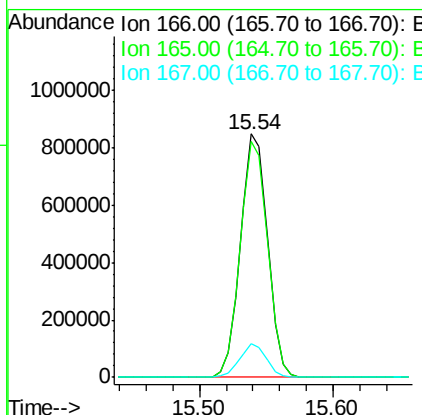
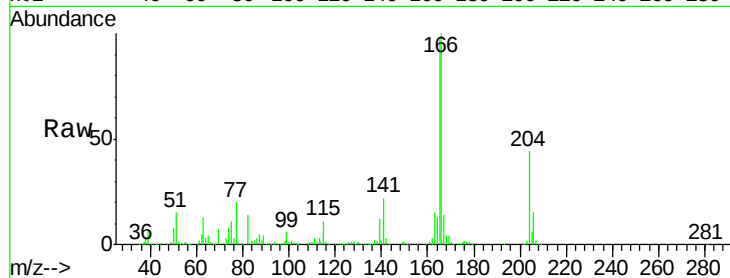
#57
 Fluorene
 Concen: 46.47 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.0	118.4
167	13.9	10.3	15.5

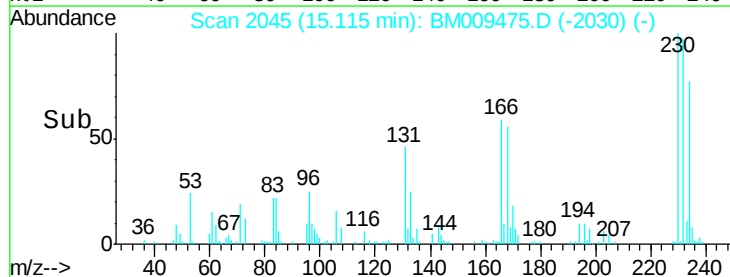
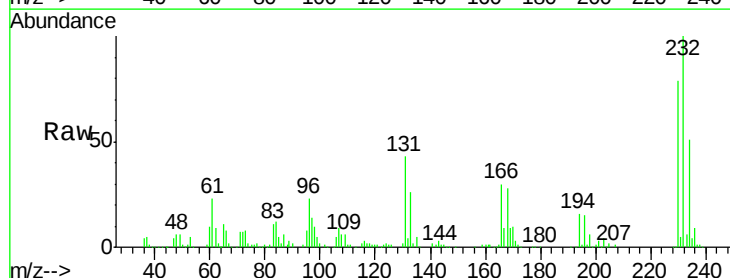
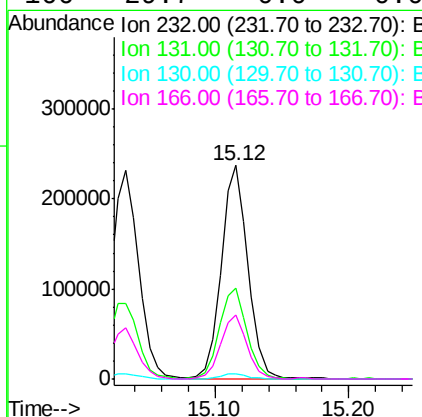
Manual Integrations
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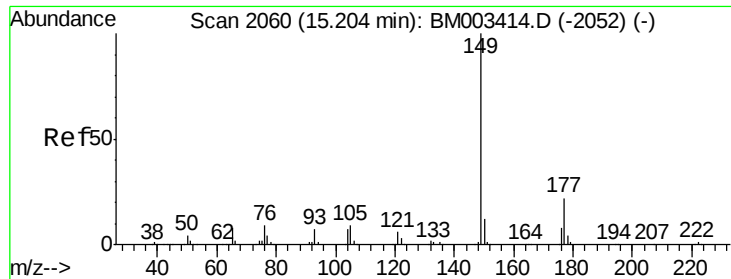
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.62 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	0.0	0.0#
130	2.4	0.0	0.0#
166	29.7	0.0	0.0#





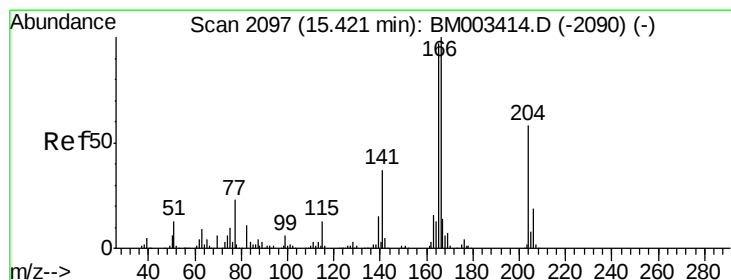
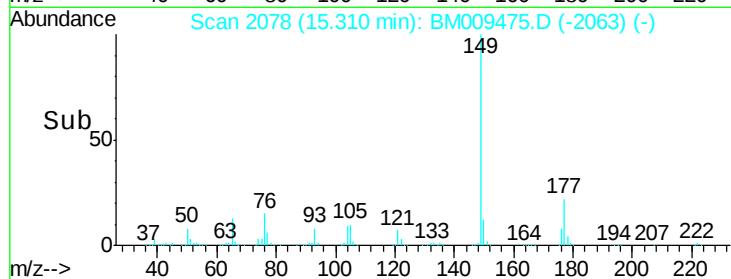
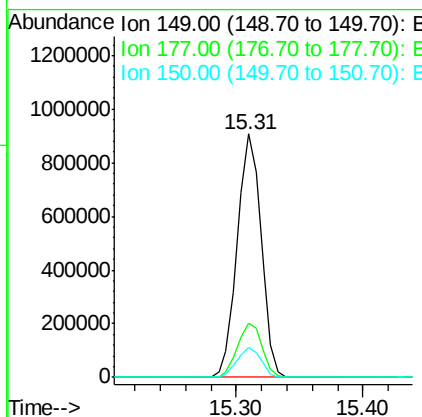
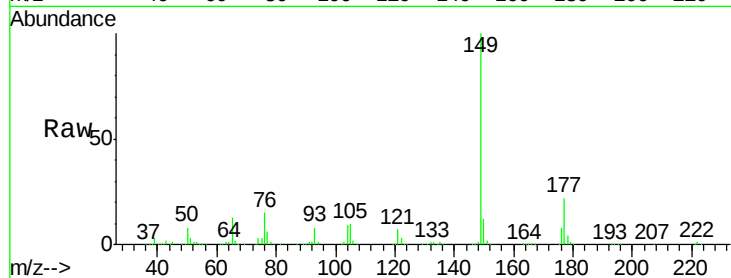
#59
Diethylphthalate
Concen: 50.06 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.0	9.8	14.8

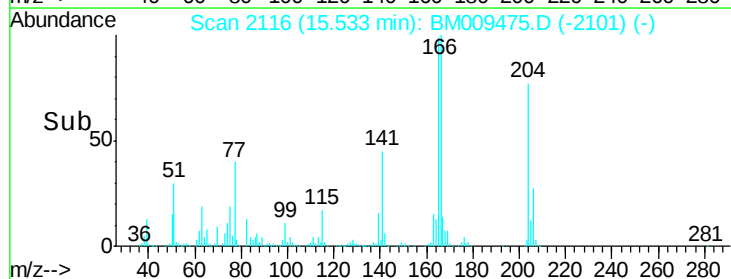
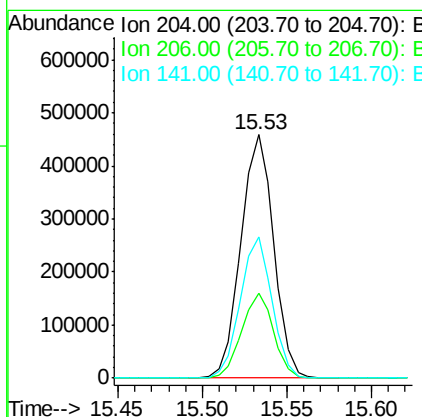
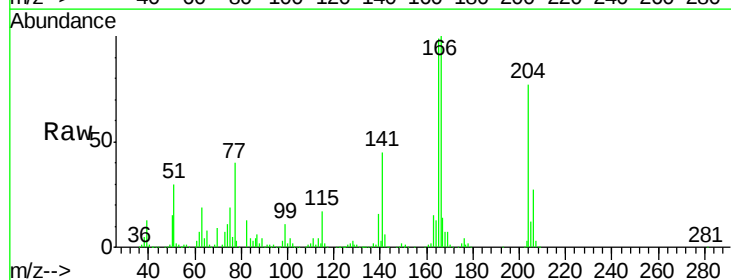
Manual Integrations
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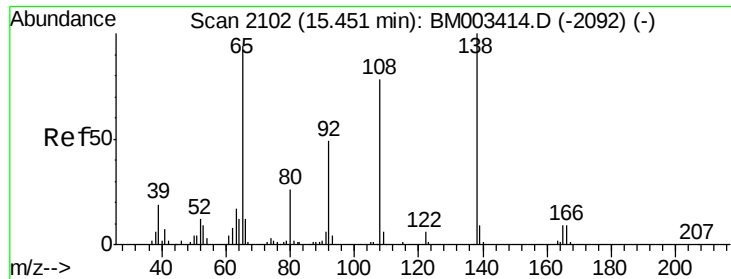
mohammad
4/3/2017 11:49:38 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.45 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.6	39.8
141	58.2	45.2	67.8





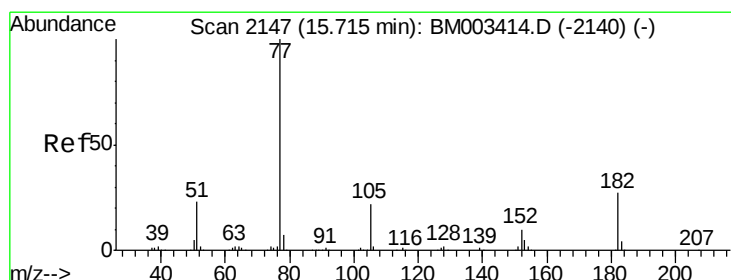
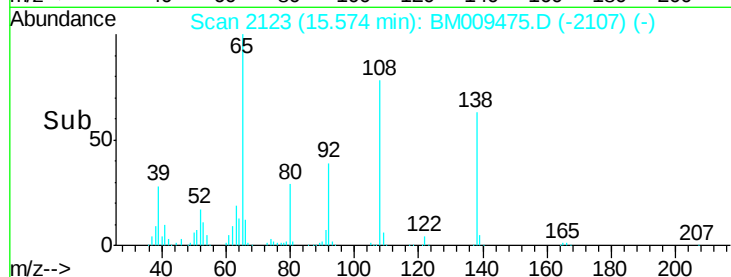
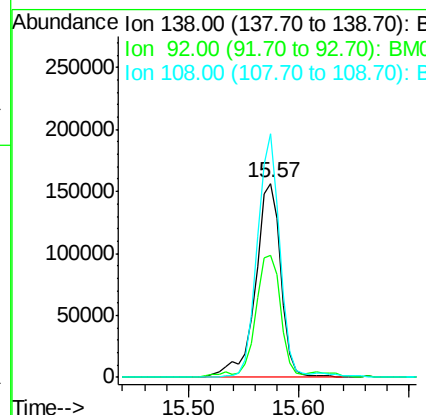
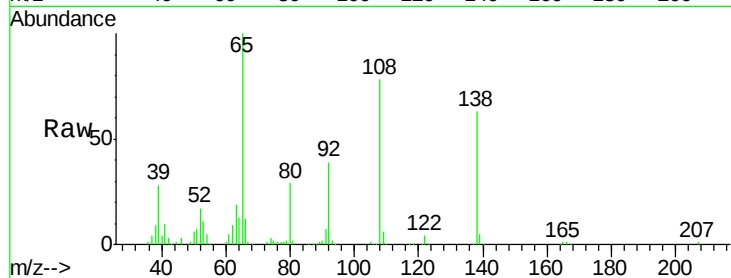
#61
4-Nitroaniline
Concen: 47.38 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.9	16.7	56.7#
108	125.4	37.6	77.6#

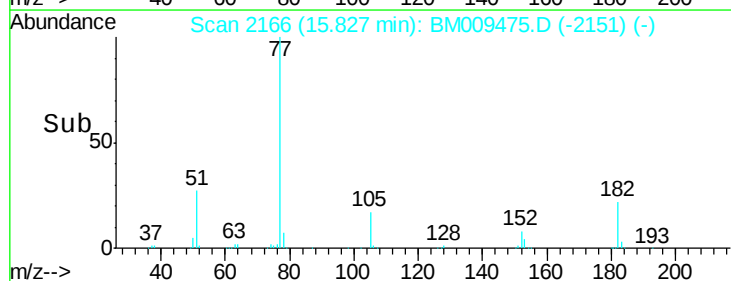
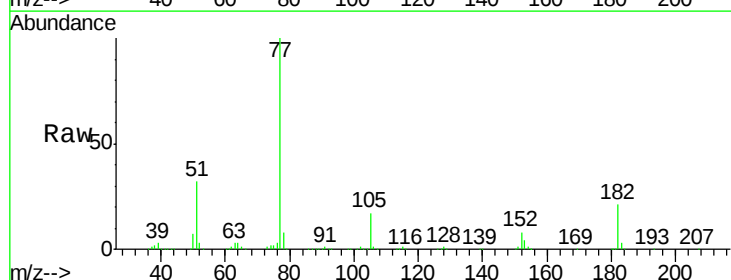
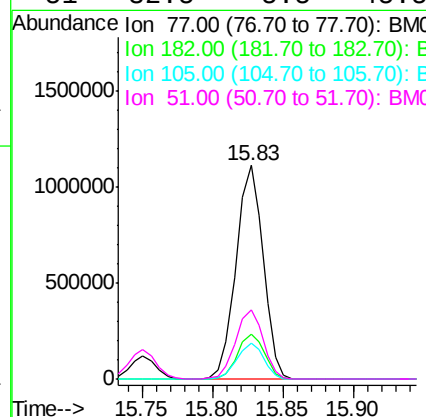
Manual Integrations
APPROVED

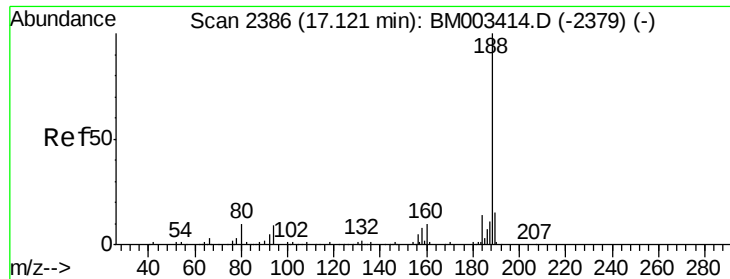
mohammad
4/3/2017 11:49:38 AM



#62
Azobenzene
Concen: 53.98 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	6.5	46.5
105	16.7	3.8	43.8
51	32.5	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

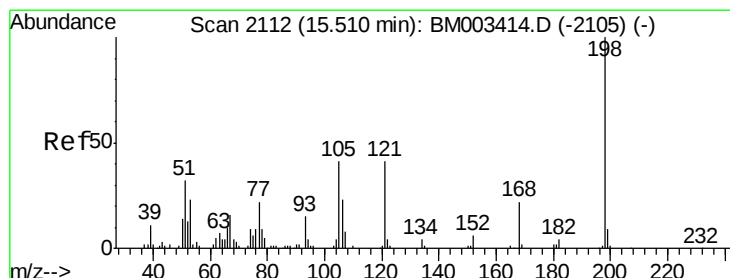
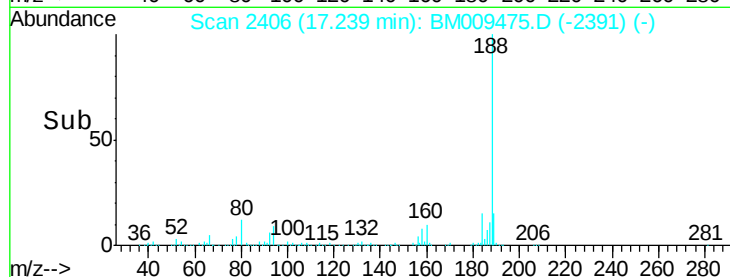
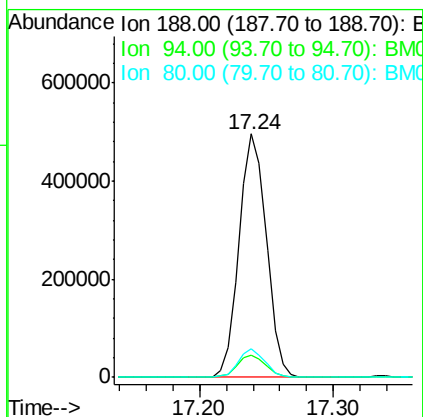
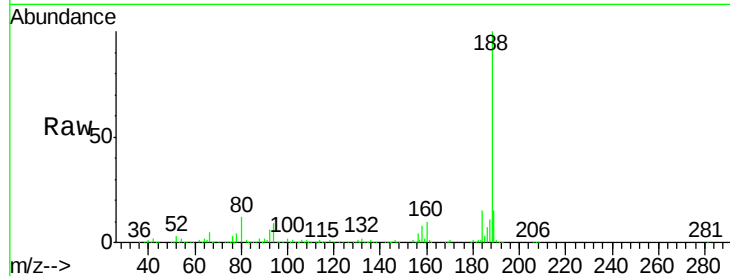
ClientSampleId :

PB97966BS

Tot Ion:	188	Resp:	700157
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.7	13.1
80	11.8	9.3	13.9

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 45.75 ng

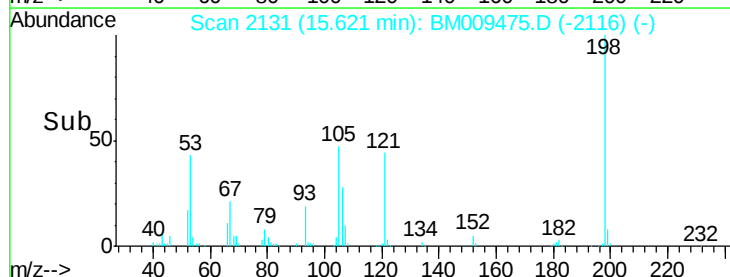
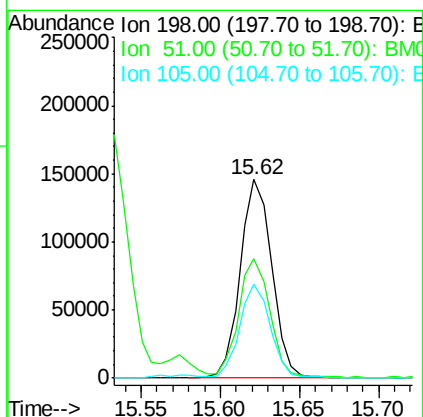
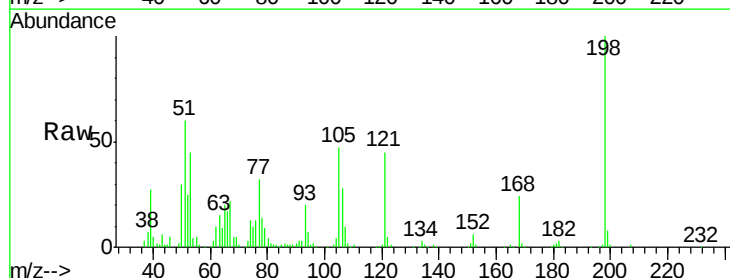
RT: 15.62 min Scan# 2131

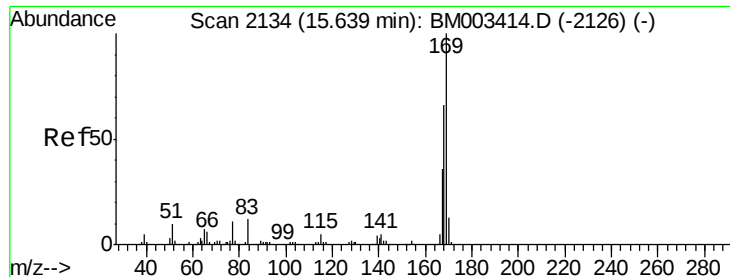
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	198	Resp:	201810
Ion Ratio	Lower	Upper	
198	100		
51	60.4	28.8	68.8
105	47.3	30.5	70.5





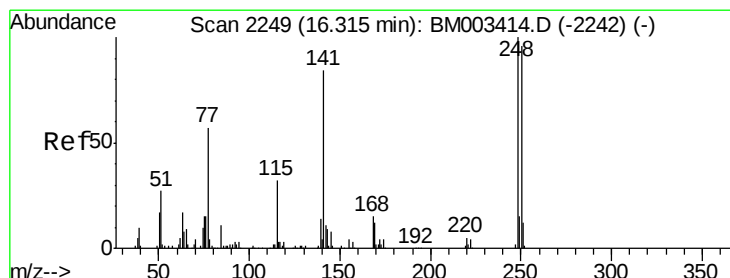
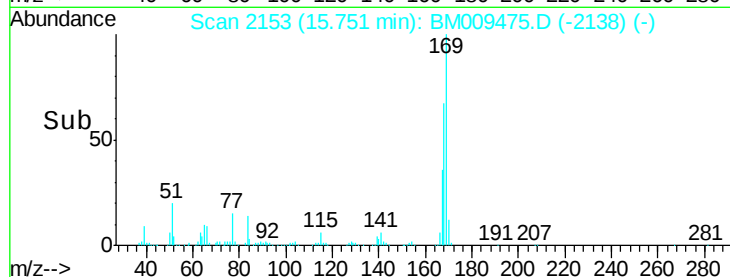
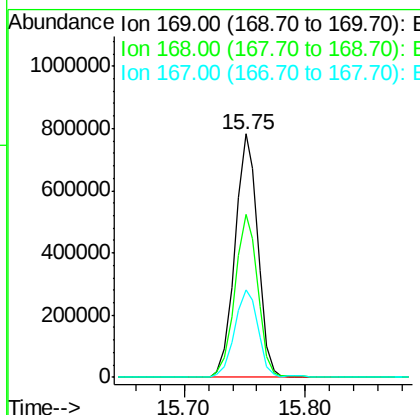
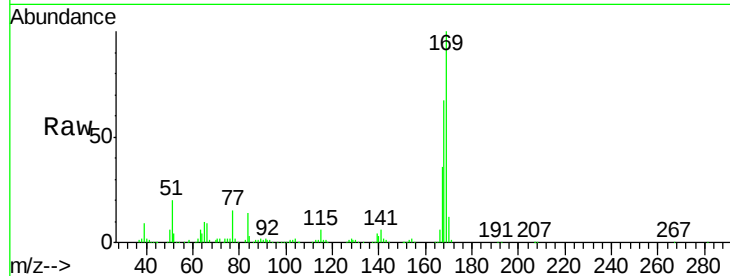
#65
n-Nitrosodiphenylamine
Concen: 48.26 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.2	53.9	80.9	
167	36.1	28.9	43.3	

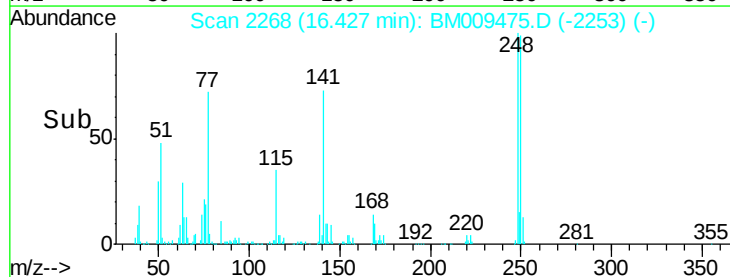
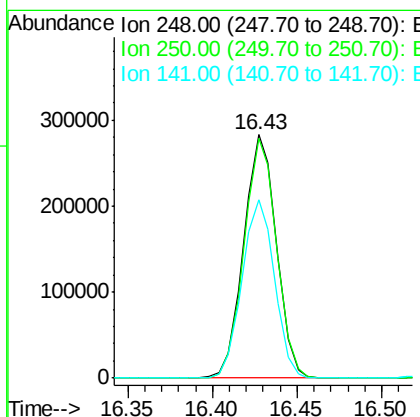
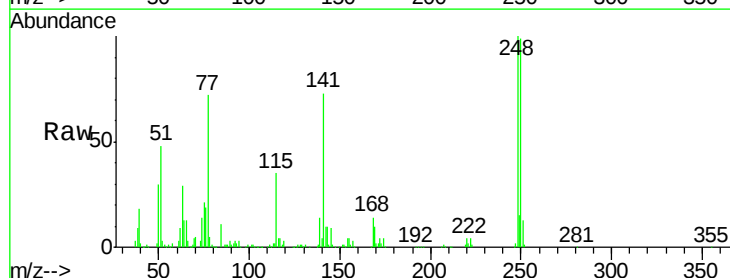
Manual Integrations
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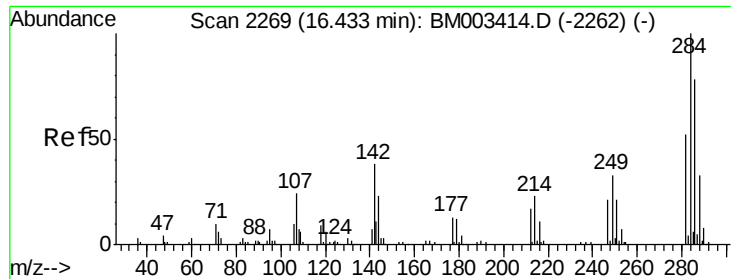
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 46.93 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	98.6	77.4	116.0	
141	73.3	45.2	67.8	





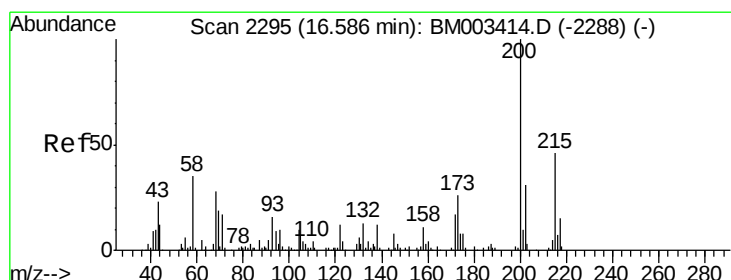
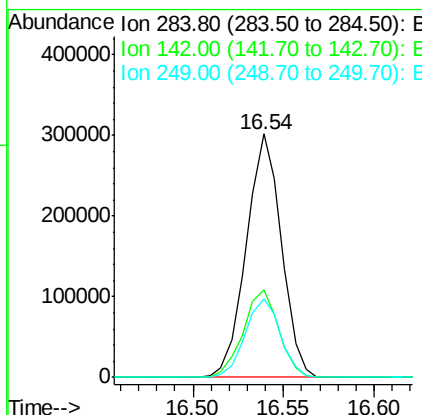
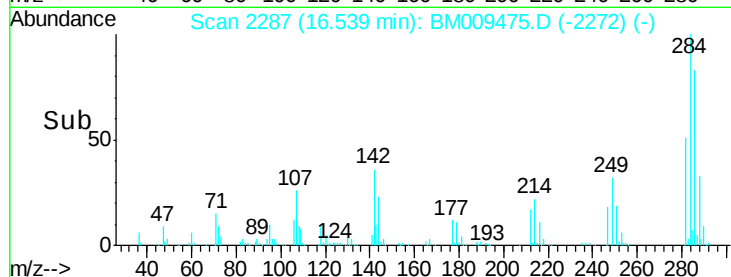
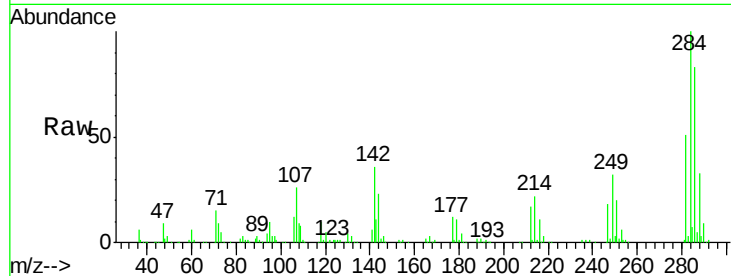
#67
Hexachlorobenzene
Concen: 45.54 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	404959		
142	35.9	20.4	30.6	
249	32.2	23.8	35.6	

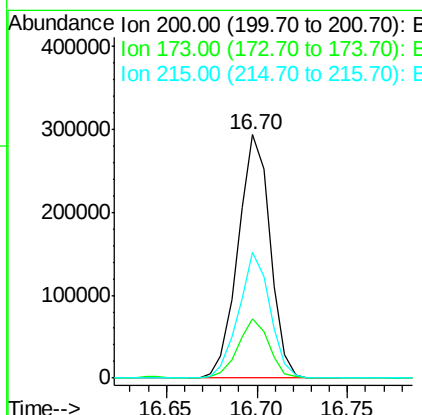
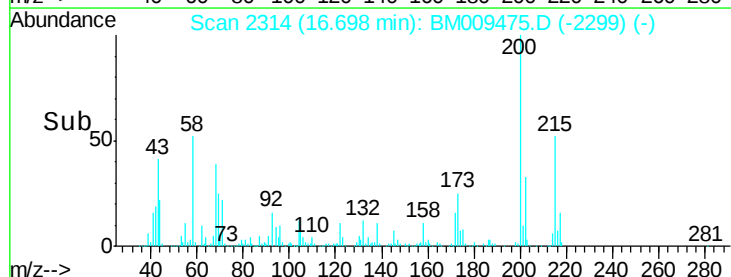
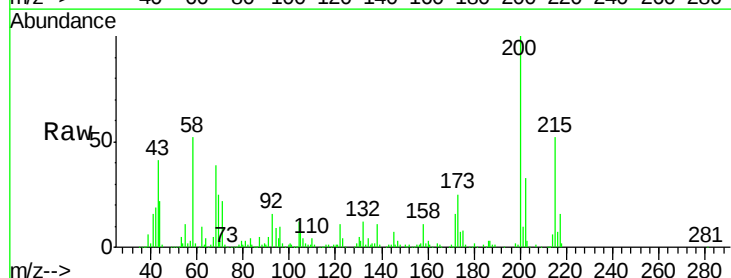
Manual Integrations
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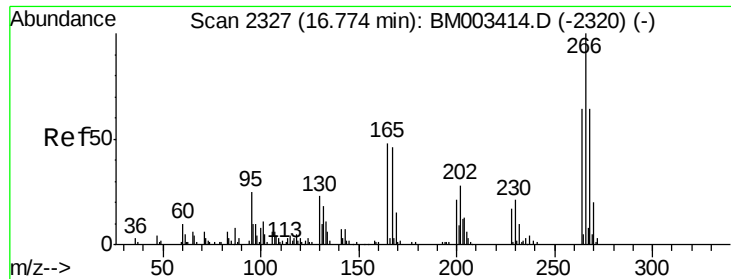
mohammad
4/3/2017 11:49:38 AM



#68
Atrazine
Concen: 45.11 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	360815		
173	24.6	4.8	44.8	
215	51.7	26.9	66.9	





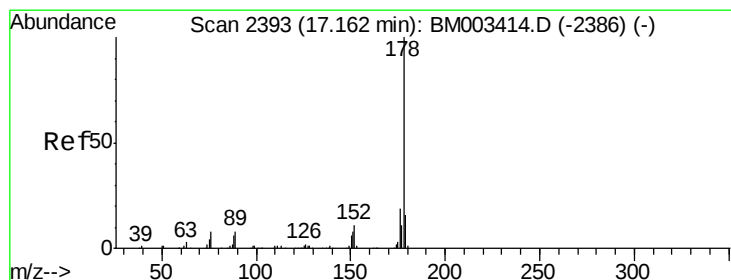
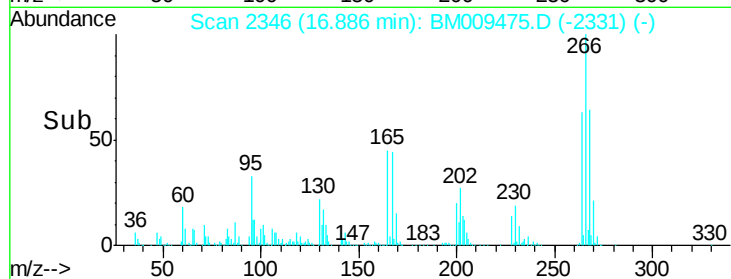
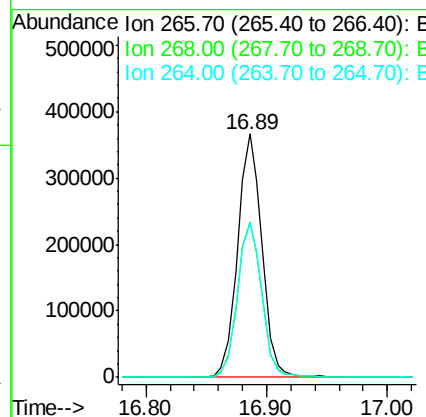
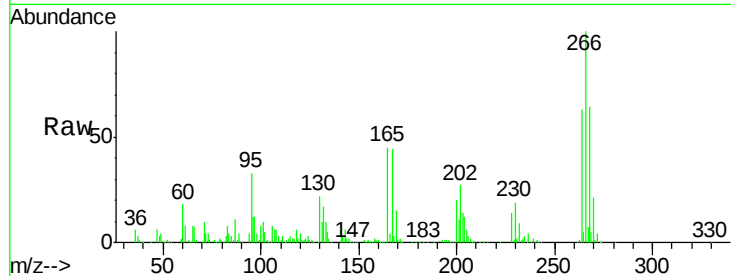
#69
 Pentachlorophenol
 Concen: 94.56 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	63.1	49.0	73.4

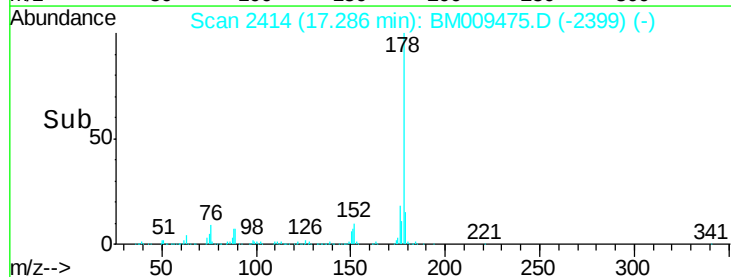
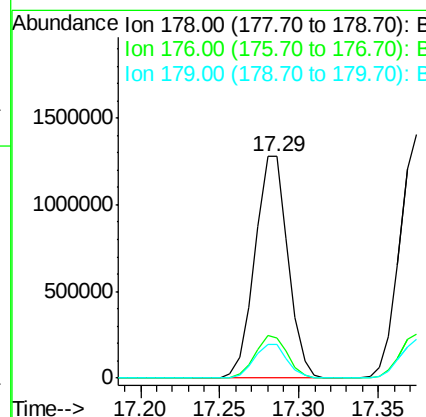
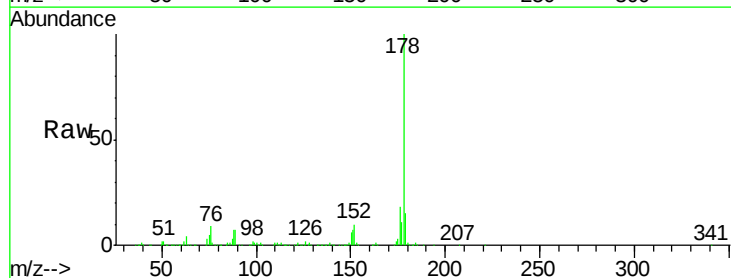
Manual Integrations
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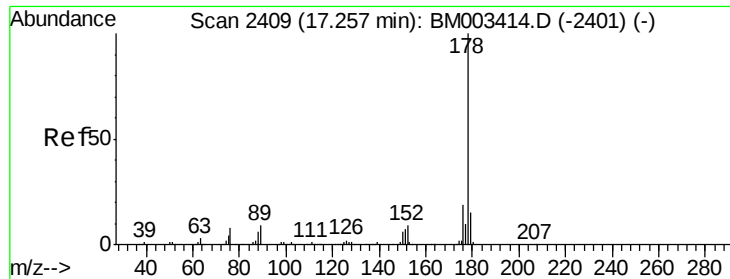
mohammad
 4/3/2017 11:49:38 AM



#70
 Phenanthrene
 Concen: 46.42 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	15.0	12.1	18.1





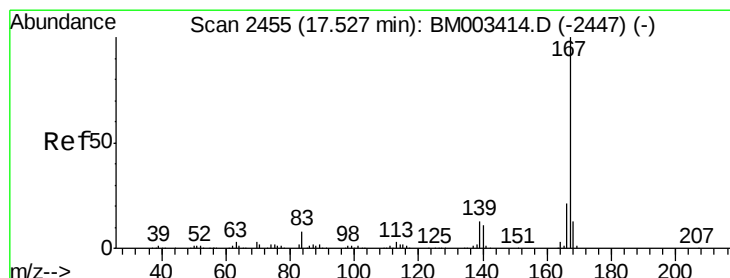
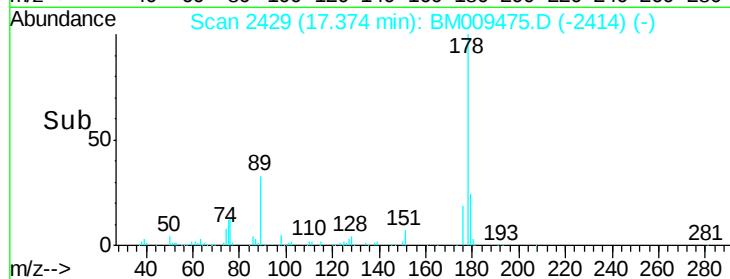
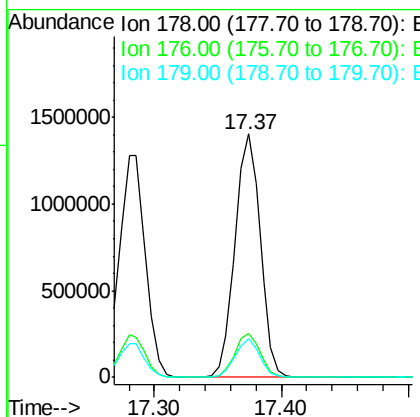
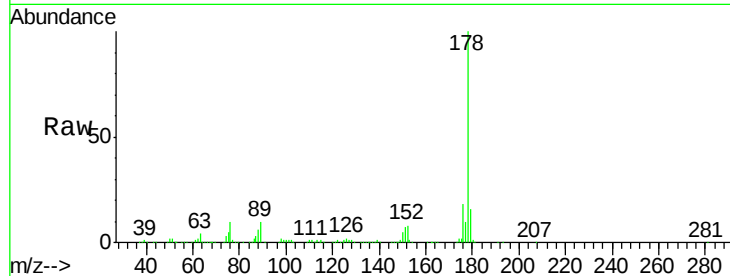
#71
 Anthracene
 Concen: 47.62 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.2	14.6	22.0	
179	15.8	12.6	19.0	

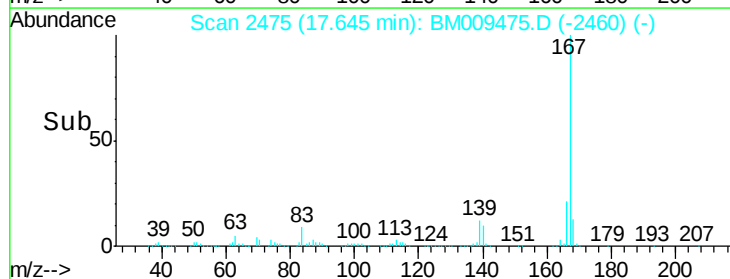
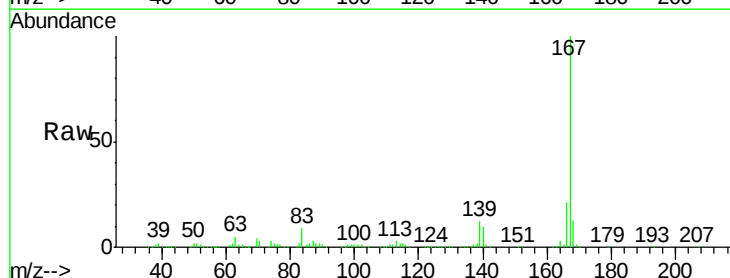
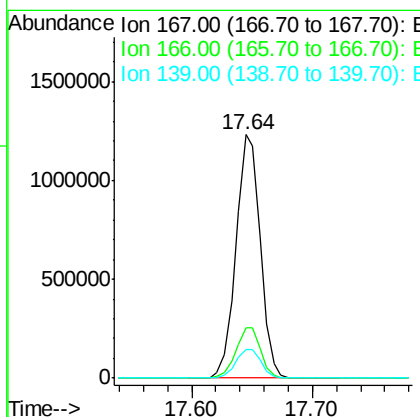
Manual Integrations
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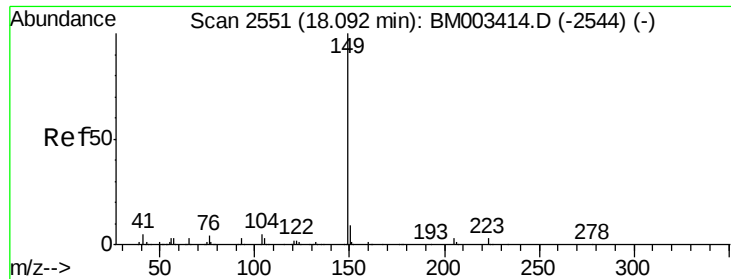
mohammad
 4/3/2017 11:49:38 AM



#72
 Carbazole
 Concen: 44.38 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	20.7	17.2	25.8	
139	11.9	10.8	16.2	





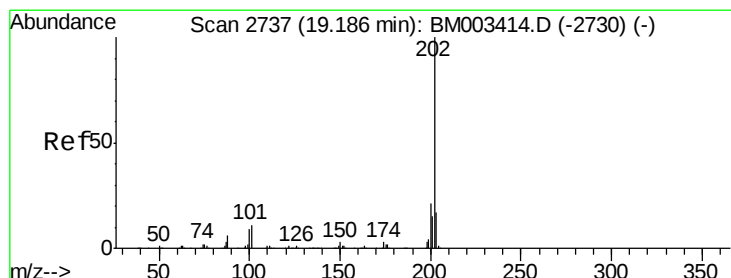
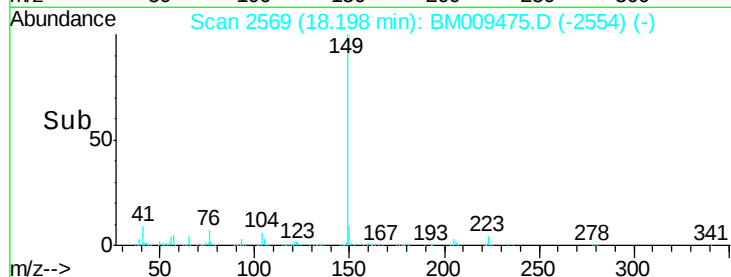
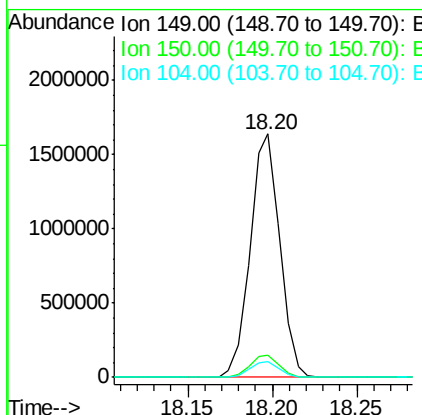
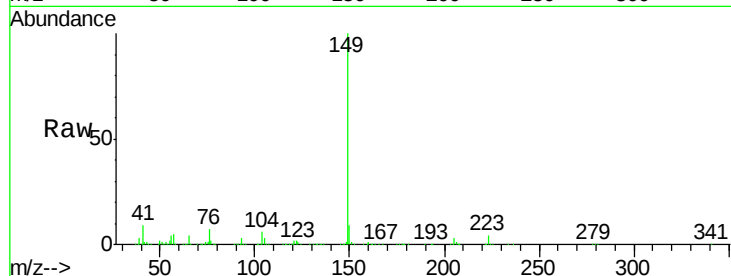
#73
Di-n-butylphthalate
Concen: 50.34 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.5	3.7	5.5

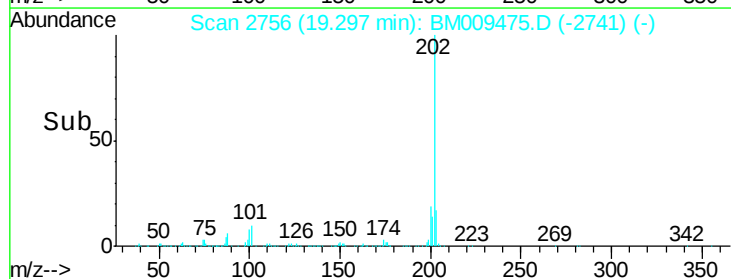
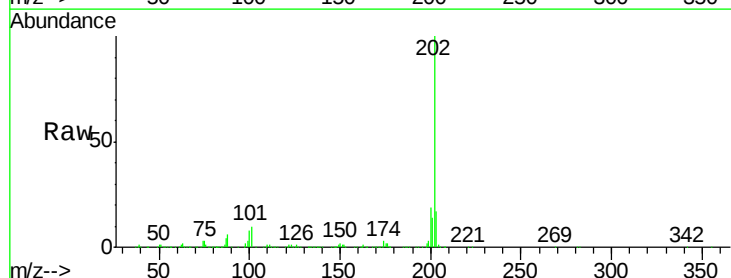
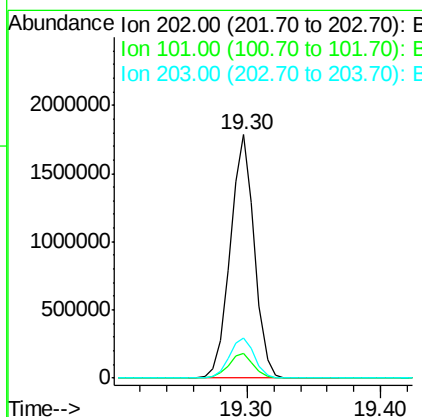
Manual Integrations
APPROVED

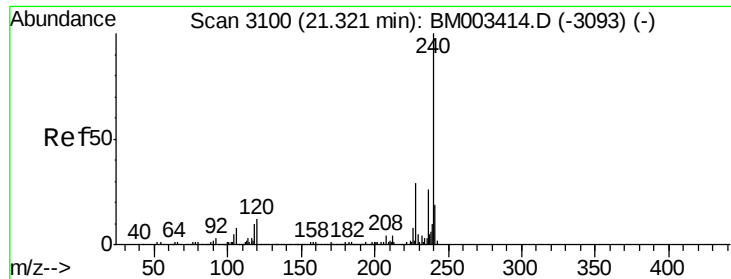
mohammad
4/3/2017 11:49:38 AM



#74
Fluoranthene
Concen: 47.32 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.7
203	16.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

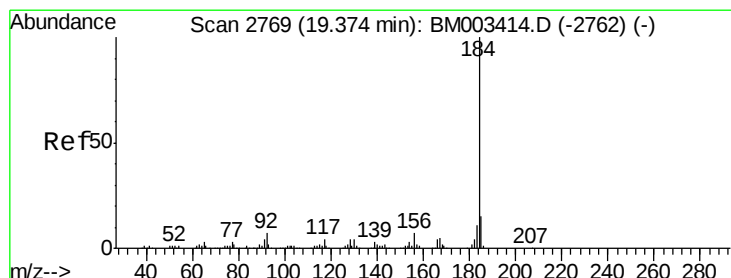
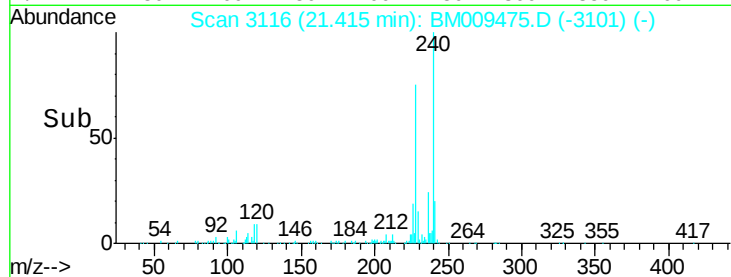
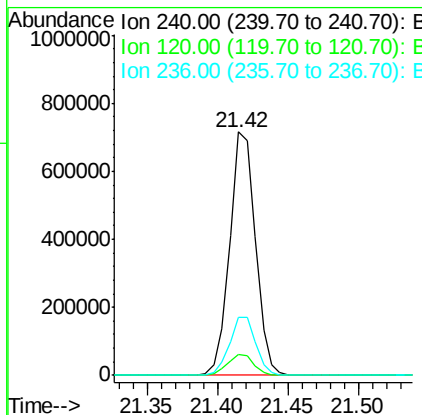
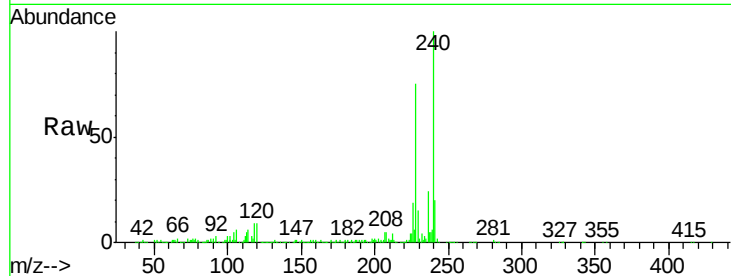
ClientSampleId :

PB97966BS

Tot Ion:	240	Resp:	908120
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.2	12.2
236	23.9	20.0	30.0

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#76

Benzidine

Concen: 29.38 ng

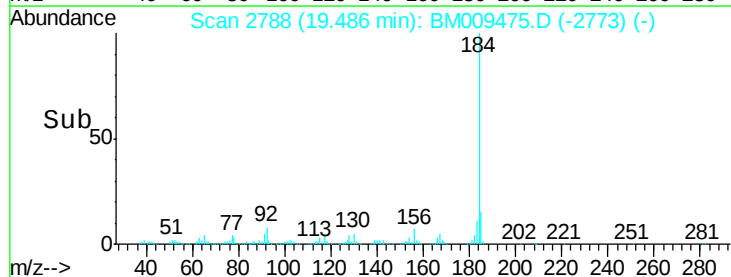
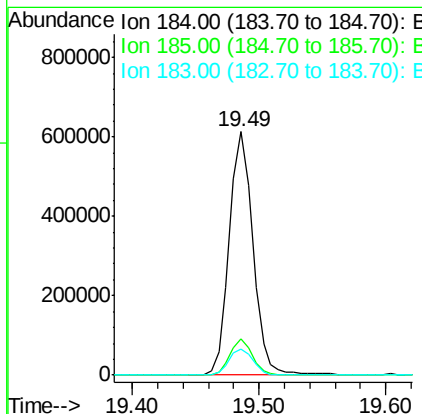
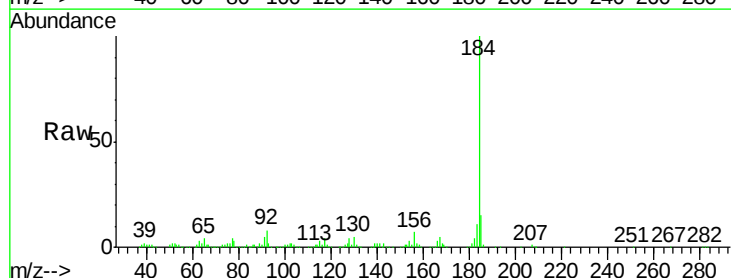
RT: 19.49 min Scan# 2788

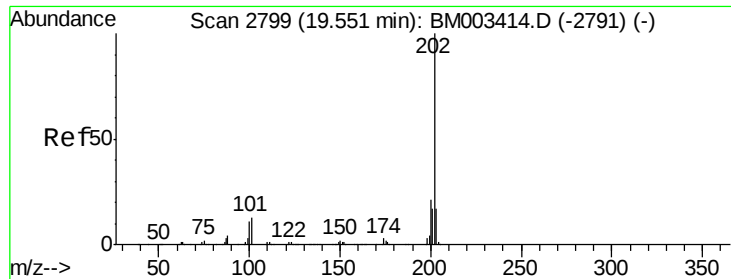
Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:	184	Resp:	795164
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.3	16.9
183	10.7	8.9	13.3





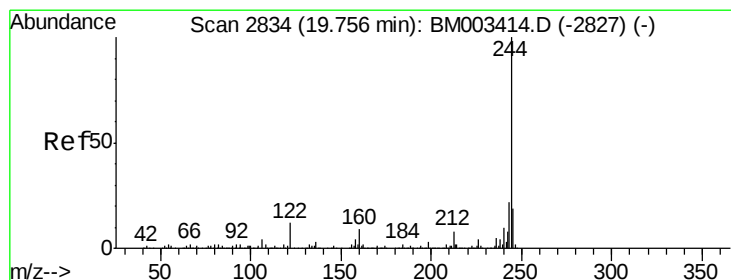
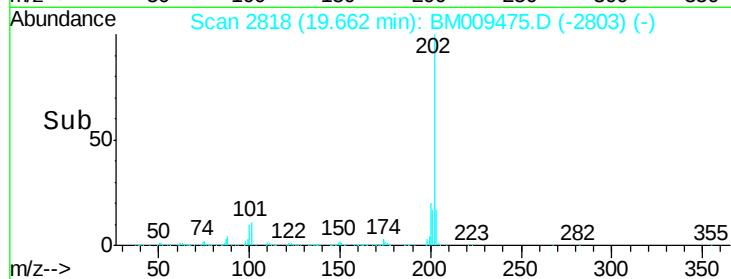
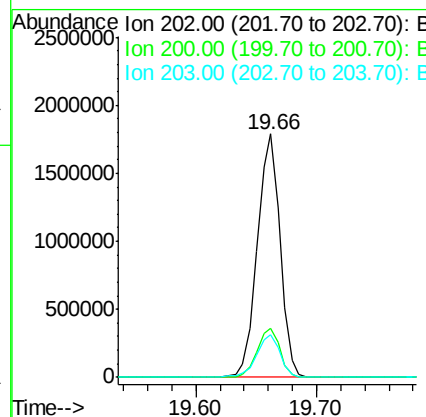
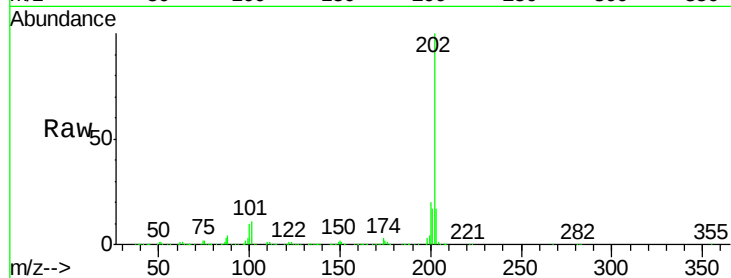
#77
Pvrene
Concen: 45.64 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.4	14.1	21.1

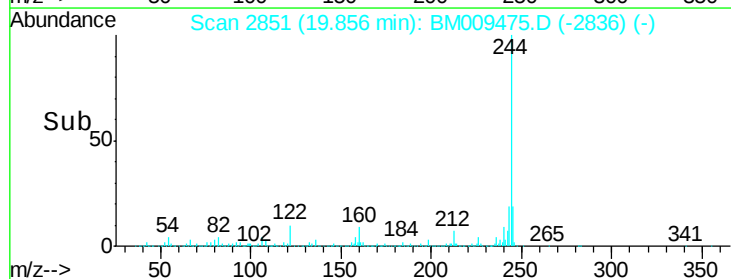
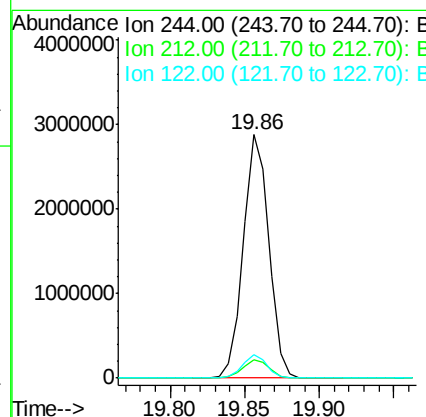
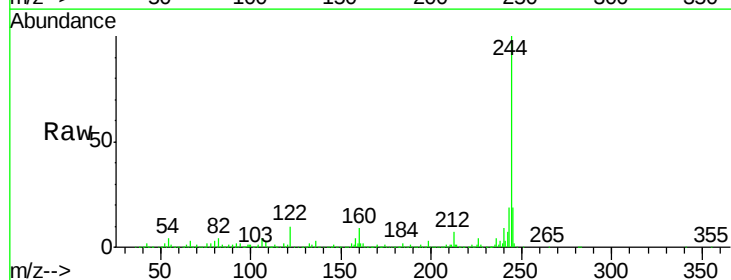
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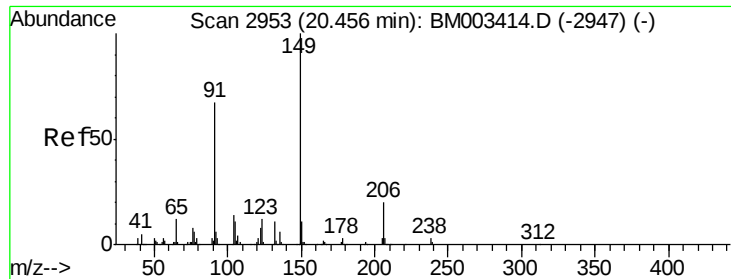
mohammad
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#78
Terphenyl-d14
Concen: 78.78 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	9.6	6.2	9.4#





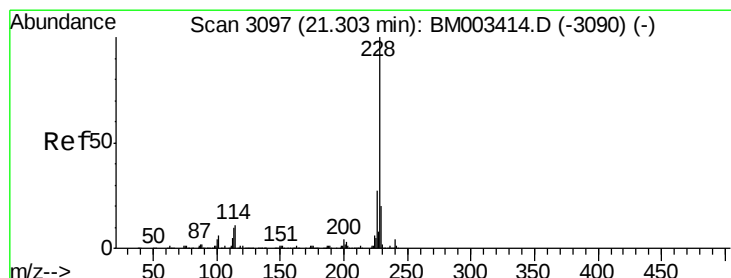
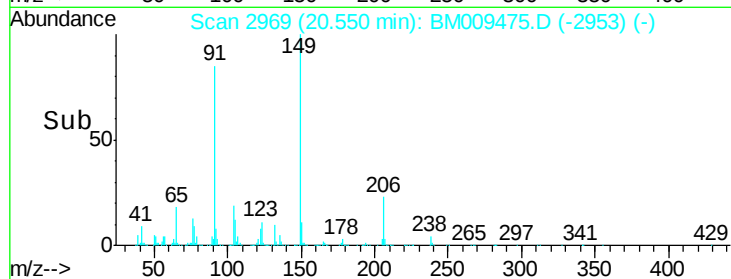
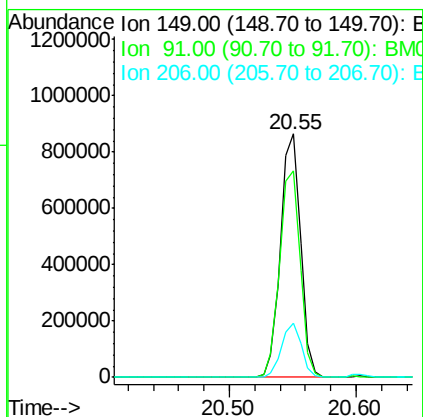
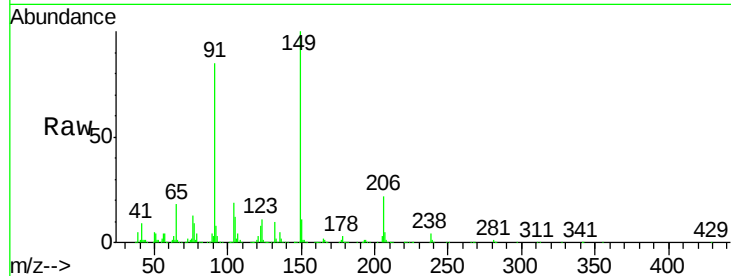
#79
Butylbenzylphthalate
Concen: 51.26 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.0	50.1	75.1#
206	22.5	16.2	24.2

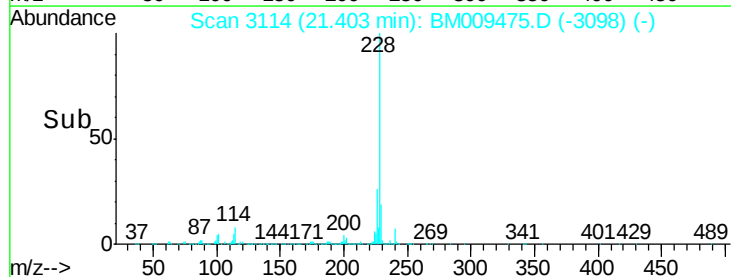
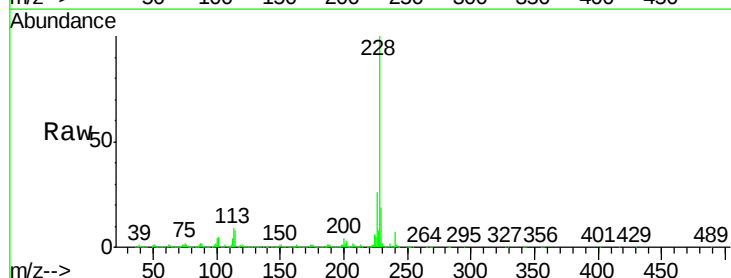
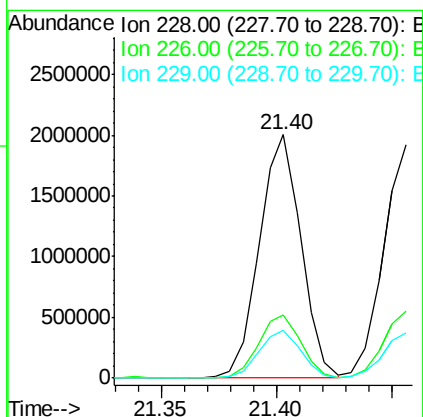
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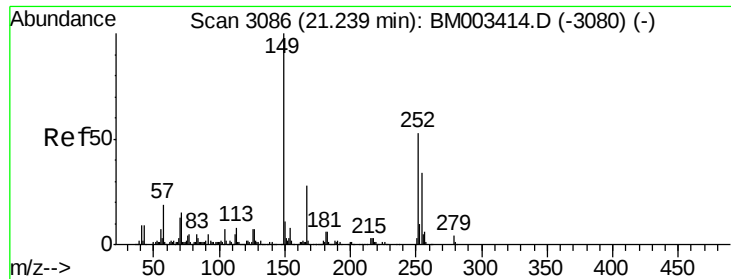
mohammad
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#80
Benzo(a)anthracene
Concen: 47.28 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	19.4	16.0	24.0





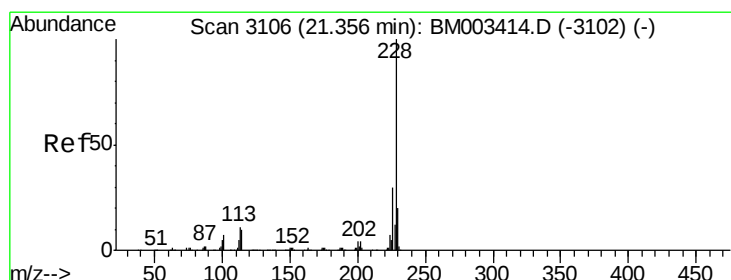
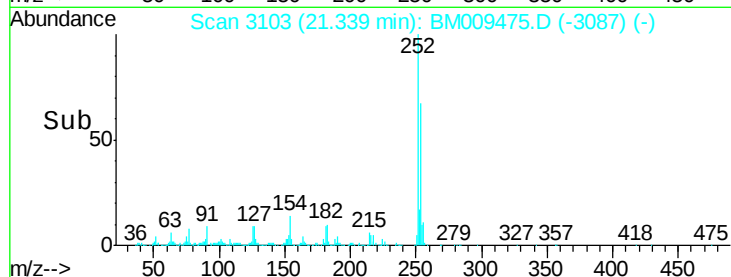
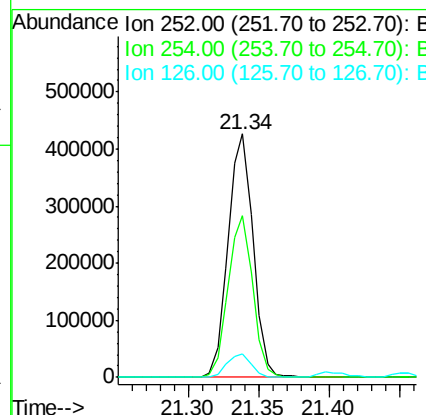
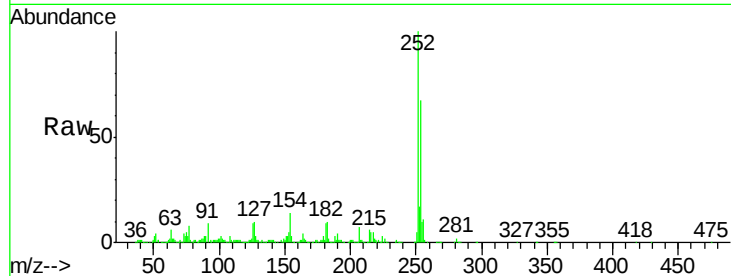
#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleID :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.9	77.9
126	9.5	9.8	14.8

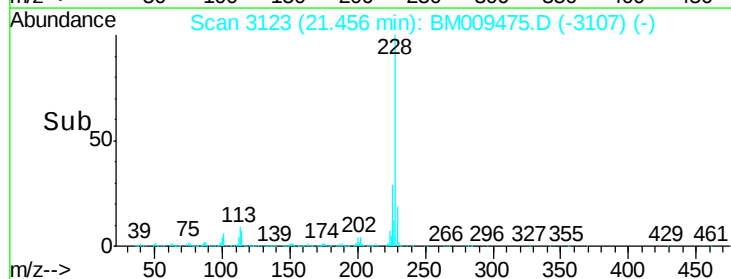
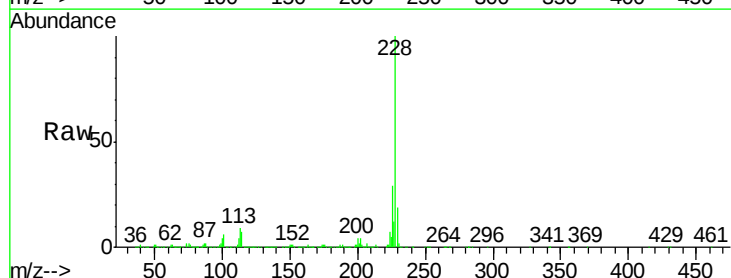
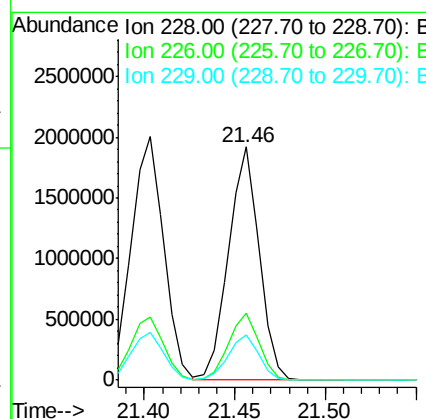
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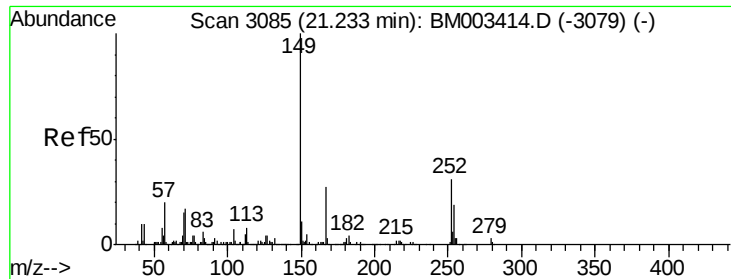
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#82
 Chrysene
 Concen: 44.59 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	19.5	15.5	23.3





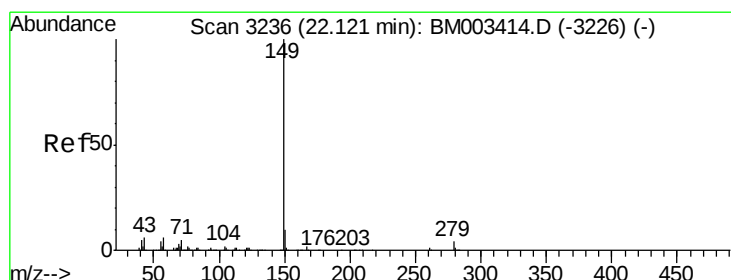
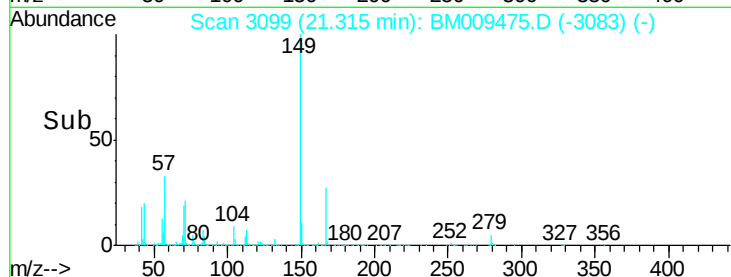
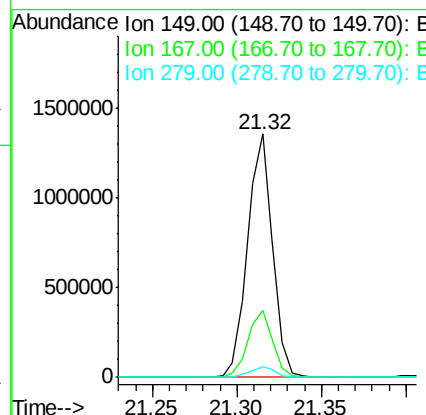
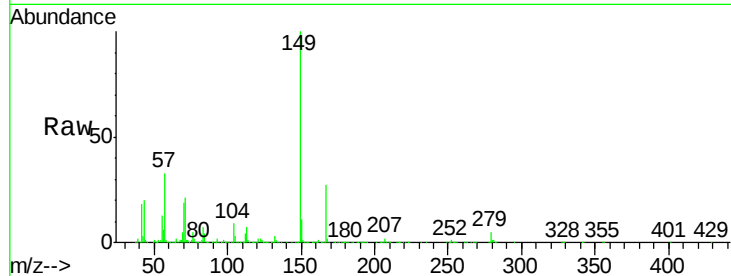
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.46 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.6	3.4	5.0

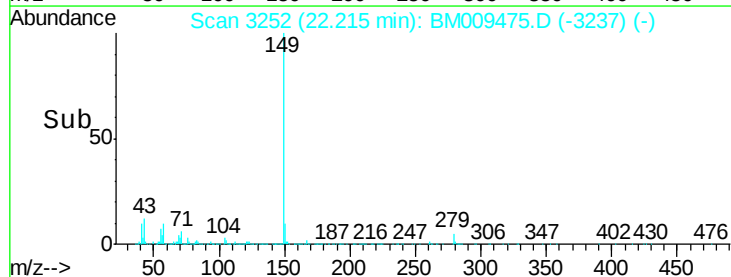
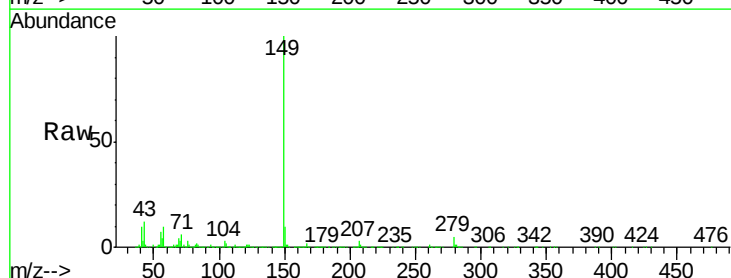
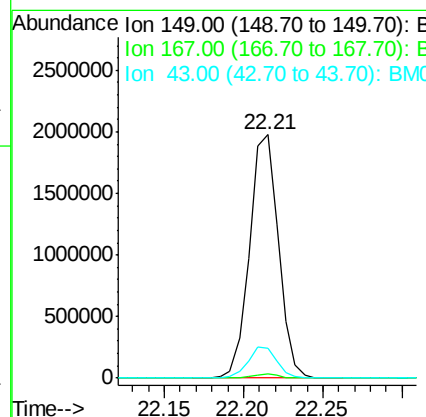
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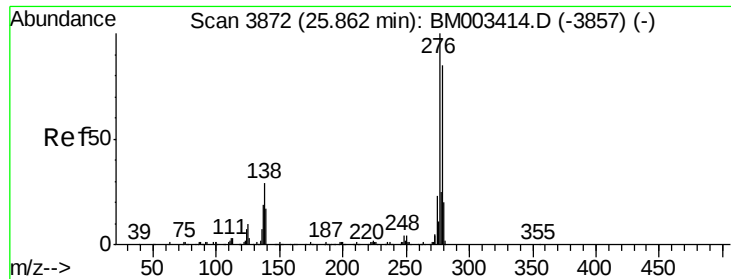
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#84
 Di-n-octyl phthalate
 Concen: 54.14 ng
 RT: 22.21 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.9	7.3	10.9





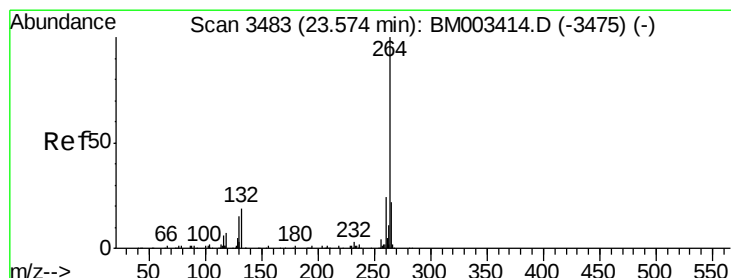
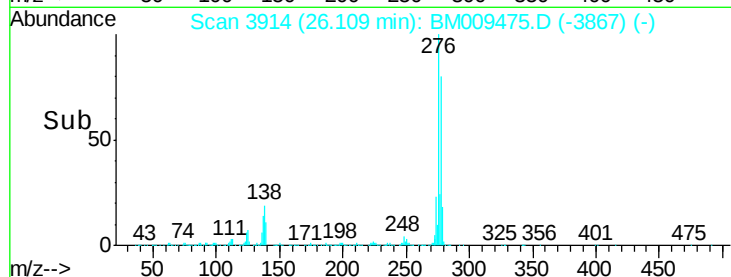
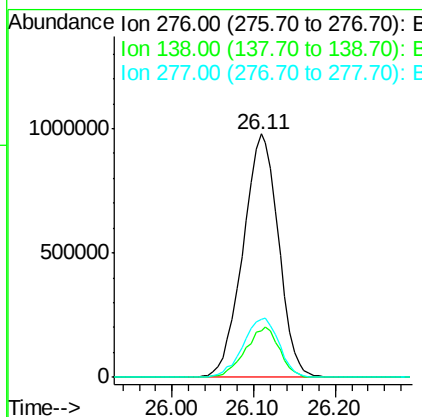
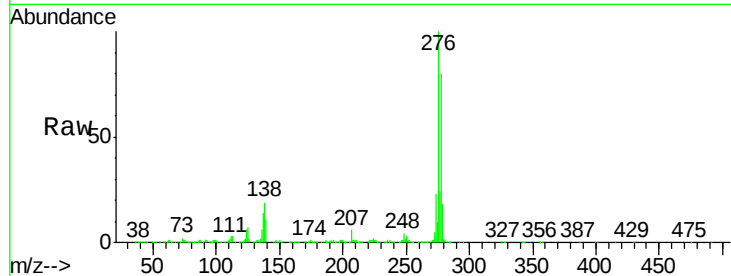
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.43 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampled :
PB97966BS

Tot Ion:276 Resp: 2951240
Ion Ratio Lower Upper
276 100
138 20.0 0.0 0.0#
277 24.9 0.0 0.0#

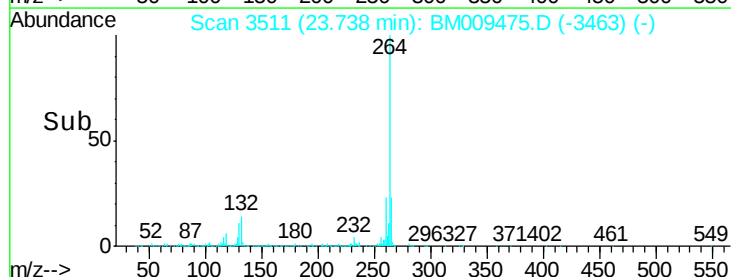
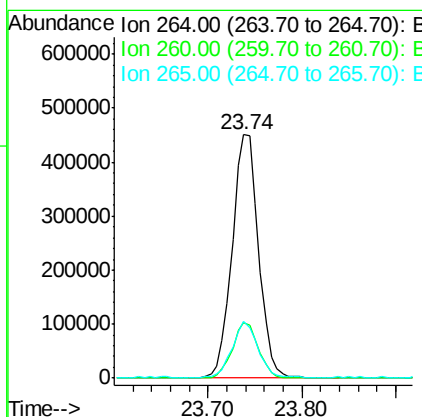
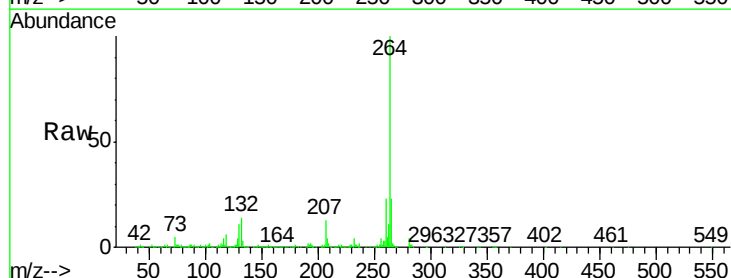
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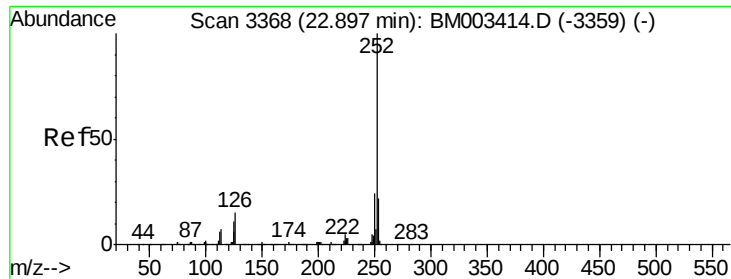
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:264 Resp: 877268
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 23.4 17.3 25.9





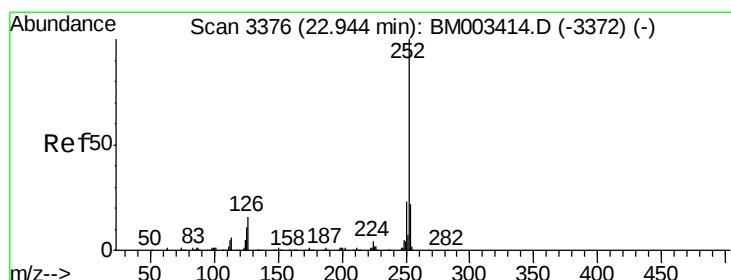
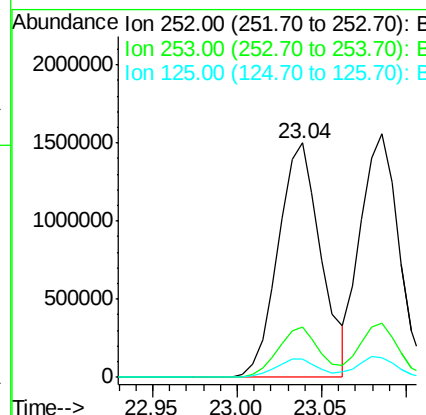
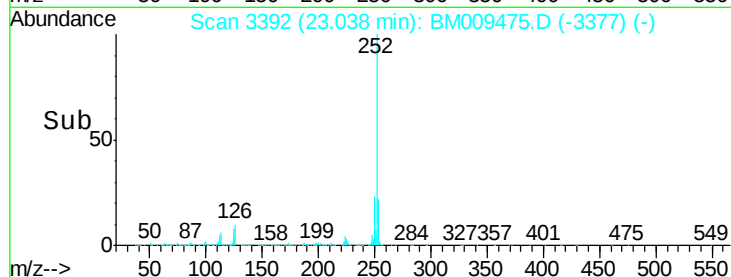
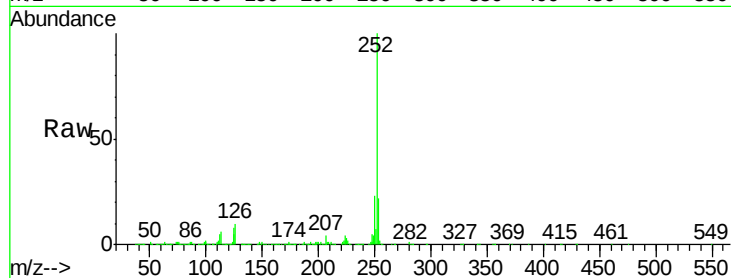
#87
Benzo(b)fluoranthene
Concen: 47.57 ng
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion:252 Resp: 2645028
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 7.7 9.9 14.9#

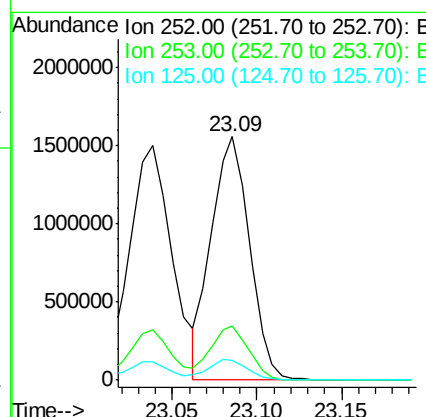
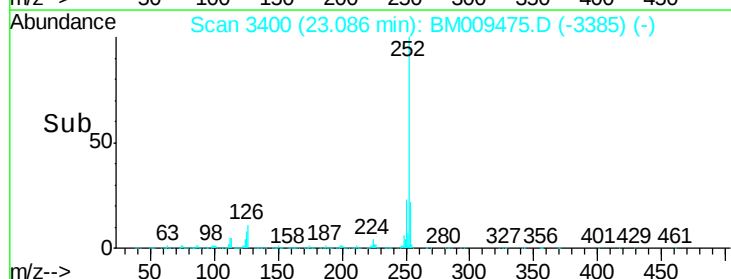
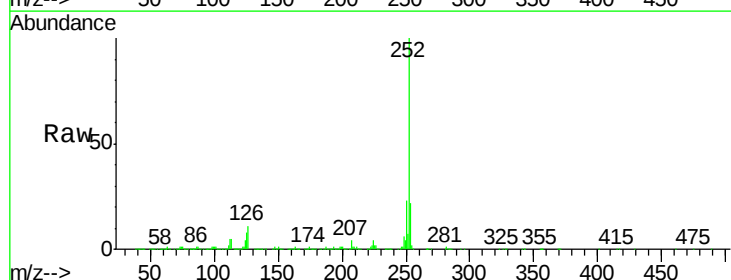
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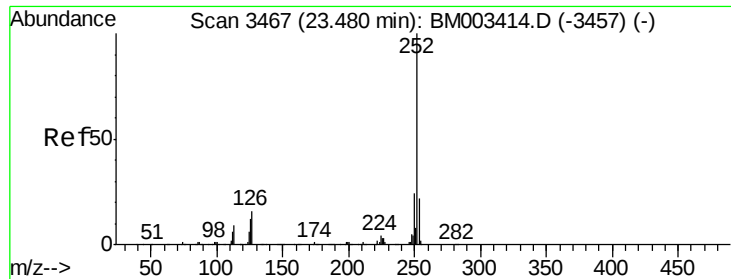
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.82 ng
RT: 23.09 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:252 Resp: 2450513
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.2 8.1 12.1





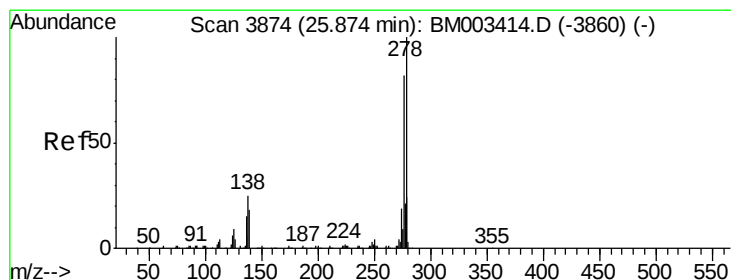
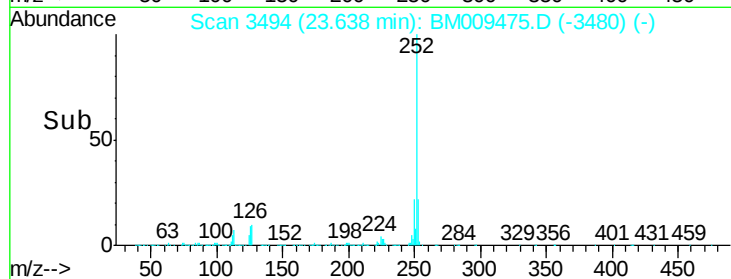
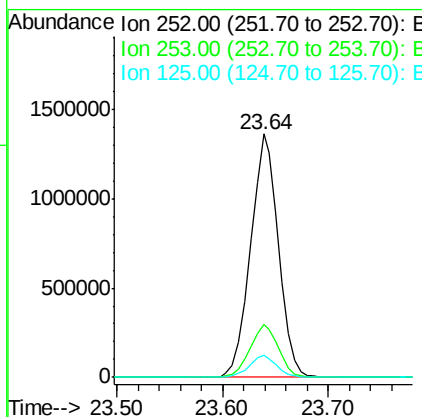
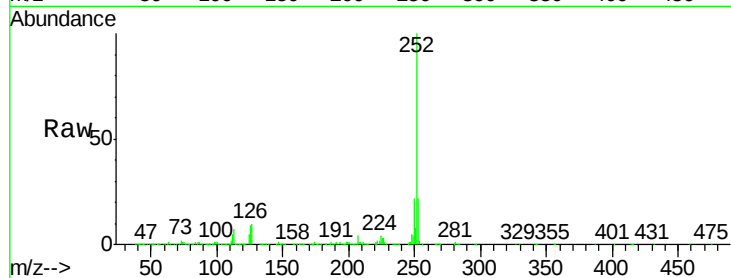
#89
Benzo(a)pyrene
Concen: 48.57 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.1	7.4	11.2

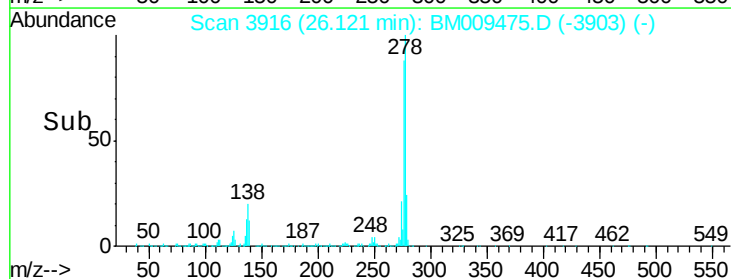
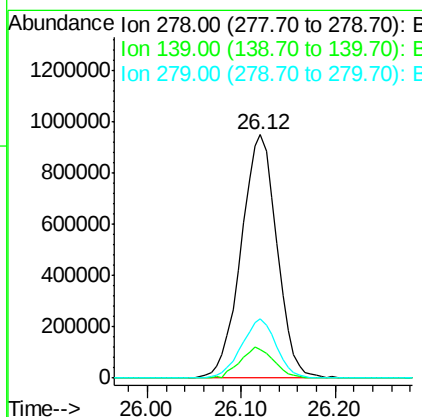
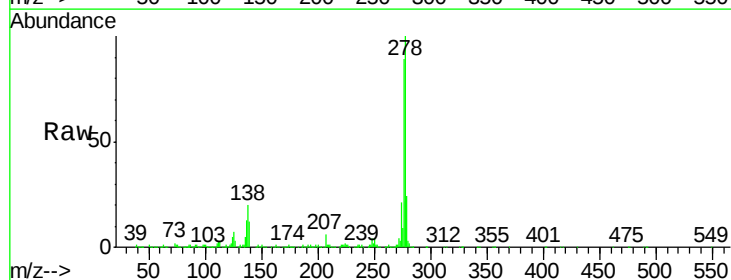
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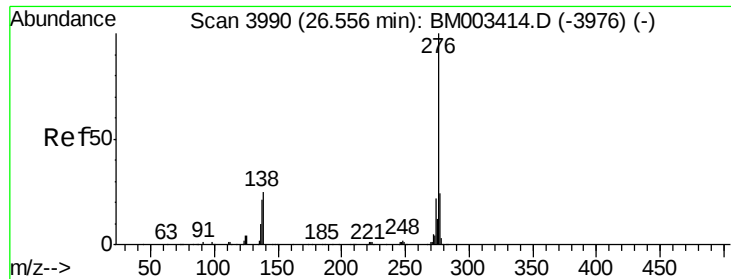
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.57 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	13.4	20.0#
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.20 ng
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	17.8	19.0	28.6

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 4/3/2017 11:49:38 AM

