

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009479.D
 Acq On : 31 Mar 2017 18:23
 Operator : SJ/MA
 Sample : PB97950BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Manual Integrations
 APPROVED

mohammad
 4/3/2017 11:49:44 AM

Quant Time: Mar 31 23:16:55 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	121532	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	476859	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	288418	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	659929	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	910378	20.00	ng	-0.01
86) Perylene-d12	23.74	264	872057	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1082656	148.49	ng	-0.01
7) Phenol-d6	7.01	99	1499199	150.78	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1060880	83.41	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	548168	152.99	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2038935	85.18	ng	-0.01
78) Terphenyl-d14	19.86	244	3227074	74.07	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	128039	34.92	ng	# 100
3) Pyridine	3.75	79	414784	40.03	ng	90
4) n-Nitrosodimethylamine	3.67	42	245621	44.53	ng	# 68
6) Aniline	7.18	93	223476	16.54	ng	# 91
8) 2-Chlorophenol	7.41	128	374935	50.72	ng	83
9) Benzaldehyde	6.99	77	84480	10.79	ng	91
10) Phenol	7.03	94	542338	50.34	ng	92
11) bis(2-Chloroethyl)ether	7.28	93	389773	44.14	ng	86
12) 1,3-Dichlorobenzene	7.73	146	395757	44.71	ng	# 90
13) 1,4-Dichlorobenzene	7.88	146	406978	44.50	ng	# 92
14) 1,2-Dichlorobenzene	8.20	146	386929	43.57	ng	# 89
15) Benzyl Alcohol	8.09	79	428720	49.32	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	644199	41.97	ng	96
17) 2-Methylphenol	8.28	107	338497	48.02	ng	# 88
18) Hexachloroethane	8.92	117	165595	44.26	ng	95
19) n-Nitroso-di-n-propylamine	8.65	70	368799	46.01	ng	# 91
20) 3+4-Methylphenols	8.61	107	456849	47.67	ng	90
22) Acetophenone	8.67	105	601473	44.72	ng	# 89
24) Nitrobenzene	9.06	77	557607	44.75	ng	# 89
25) Isophorone	9.57	82	903445	46.56	ng	# 88
26) 2-Nitrophenol	9.76	139	184105	48.99	ng	# 52
27) 2,4-Dimethylphenol	9.82	122	352772	51.31	ng	86
28) bis(2-Chloroethoxy)methane	10.05	93	538158	44.80	ng	98
29) 2,4-Dichlorophenol	10.29	162	355681	49.49	ng	93
30) 1,2,4-Trichlorobenzene	10.50	180	399858	44.84	ng	99
31) Naphthalene	10.69	128	1113239	43.98	ng	99
32) Benzoic acid	9.94	122	206682	42.42	ng	# 78
33) 4-Chloroaniline	10.81	127	80642	8.26	ng	# 79
34) Hexachlorobutadiene	10.96	225	256723	42.04	ng	98
35) Caprolactam	11.59	113	110319m	50.28	ng	
36) 4-Chloro-3-methylphenol	11.93	107	405990	49.93	ng	# 83
37) 2-Methylnaphthalene	12.30	142	819778	46.92	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	464031	42.61	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	592108	94.74	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	310415	49.86	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	323349	46.55	nq	# 90
45) 1,1'-Biphenyl	13.32	154	1081166	45.04	nq	97
46) 2-Chloronaphthalene	13.36	162	847782	45.47	nq	94
47) 2-Nitroaniline	13.57	65	330413	48.10	nq	# 70
48) Acenaphthylene	14.22	152	1354699	44.61	nq	98
49) Dimethylphthalate	13.95	163	1061269	47.92	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	231203	48.45	nq	# 72
51) Acenaphthene	14.56	154	823846	44.96	nq	97
52) 3-Nitroaniline	14.40	138	66231	14.09	nq	# 47
53) 2,4-Dinitrophenol	14.61	184	256940	79.85	nq	88
54) Dibenzofuran	14.89	168	1329518	49.07	nq	96
55) 4-Nitrophenol	14.70	139	394659	101.56	nq	# 24
56) 2,4-Dinitrotoluene	14.86	165	319441	49.48	nq	# 96
57) Fluorene	15.54	166	1095107	44.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	304367	51.80	nq	# 100
59) Diethylphthalate	15.31	149	1096524	48.81	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	555875	43.71	nq	99
61) 4-Nitroaniline	15.57	138	235784	46.17	nq	# 34
62) Azobenzene	15.83	77	1374915	52.43	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	190820	45.90	nq	87
65) n-Nitrosodiphenylamine	15.75	169	947254	47.25	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	349543	45.72	nq	# 90
67) Hexachlorobenzene	16.54	284	384874	45.92	nq	# 89
68) Atrazine	16.70	200	338578	44.91	nq	96
69) Pentachlorophenol	16.89	266	492470	96.19	nq	95
70) Phenanthrene	17.28	178	1764427	46.76	nq	99
71) Anthracene	17.37	178	1817304	47.57	nq	99
72) Carbazole	17.65	167	1629792	44.54	nq	99
73) Di-n-butylphthalate	18.20	149	1870058	50.04	nq	# 97
74) Fluoranthene	19.30	202	2143164	47.95	nq	98
76) Benzidine	19.49	184	509564	18.78	nq	98
77) Pyrene	19.66	202	2260834	43.79	nq	98
79) Butylbenzylphthalate	20.55	149	912764	49.09	nq	# 76
80) Benzo(a)anthracene	21.40	228	2414905	45.42	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	391659	19.67	nq	# 98
82) Chrysene	21.46	228	2208713	43.51	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1341547	48.35	nq	# 99
84) Di-n-octyl phthalate	22.22	149	2428562	52.60	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.12	276	2773270	50.09	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2550162	46.13	nq	# 96
88) Benzo(k)fluoranthene	23.09	252	2382847m	44.82	nq	
89) Benzo(a)pyrene	23.64	252	2400253	46.89	nq	98
90) Dibenzo(a,h)anthracene	26.12	278	2338272	46.63	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	2257599	46.18	nq	# 92

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

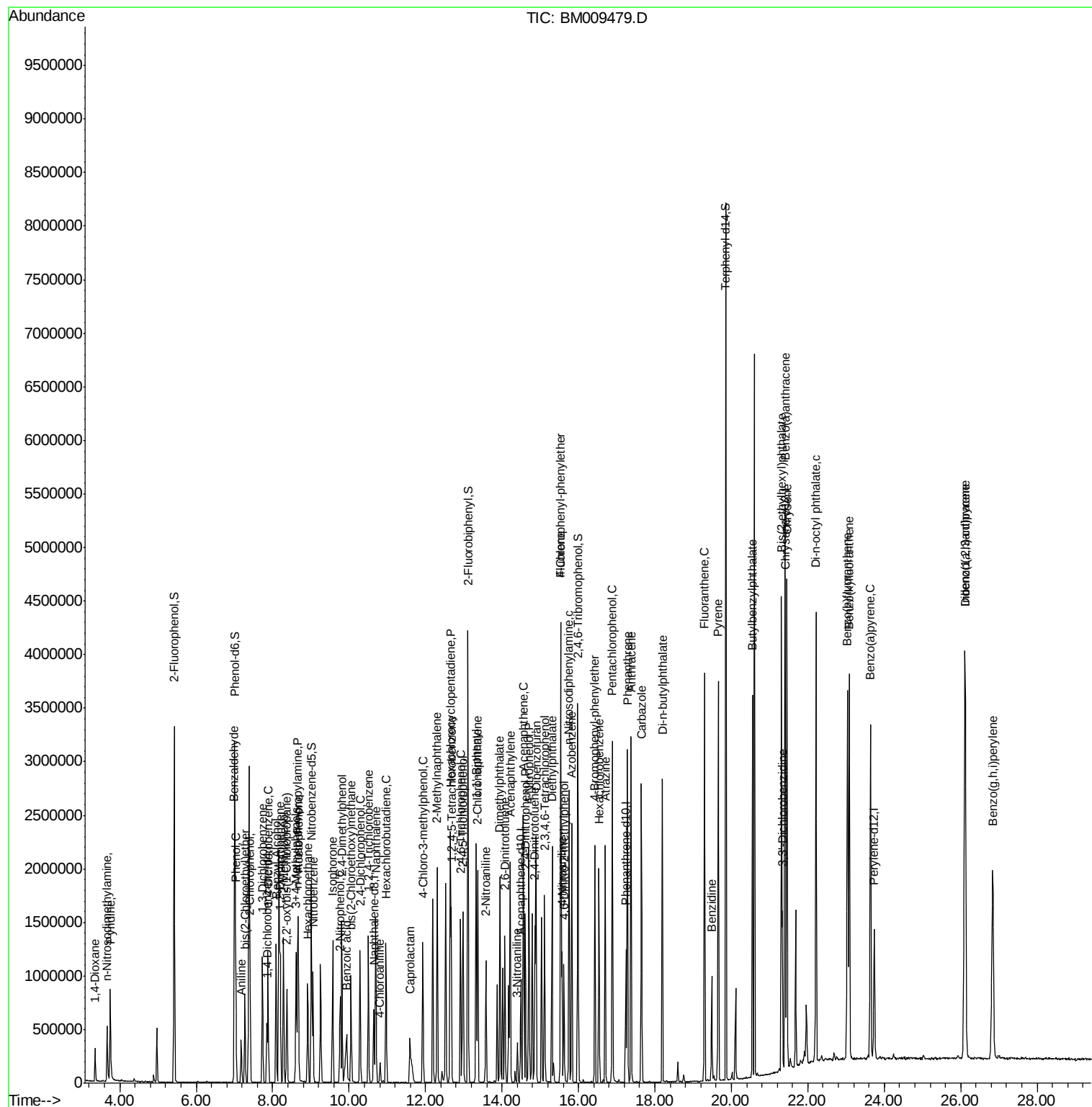
Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
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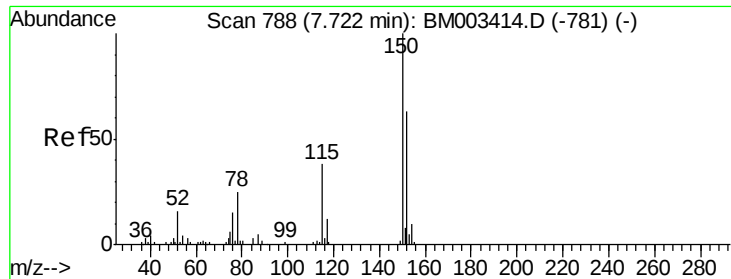
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

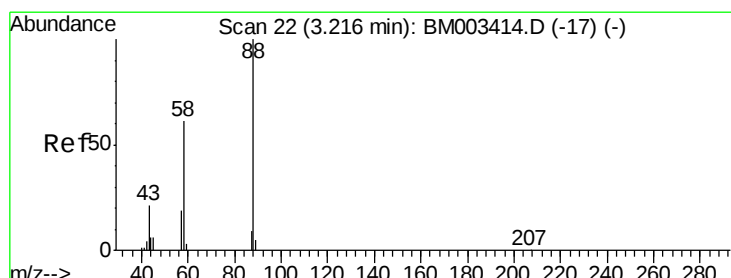
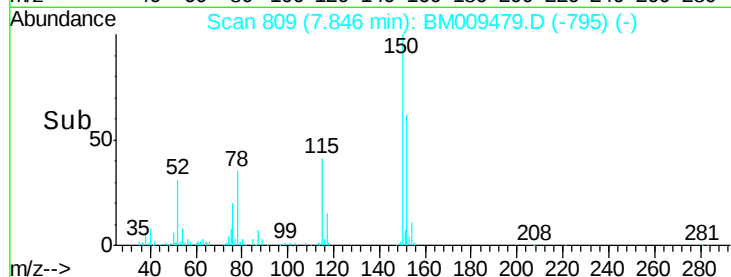
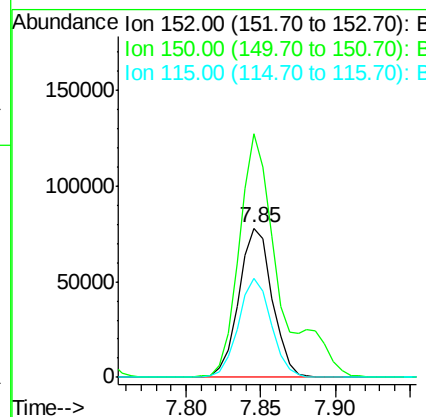
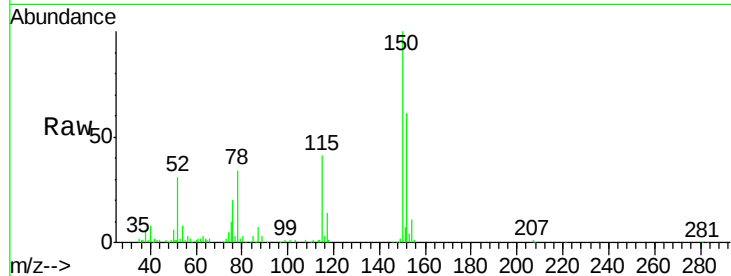
ClientSampleId :

PB97950BSD

Tot Ion:	152	Resp:	121532
Ion Ratio	Lower	Upper	
152	100		
150	163.2	119.5	179.3
115	66.2	43.0	64.4#

Manual Integrations
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#2

1,4-Dioxane

Concen: 34.92 ng

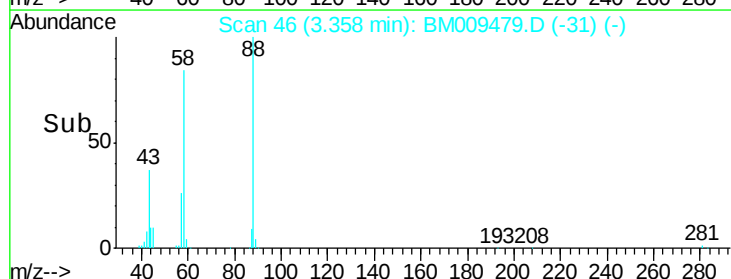
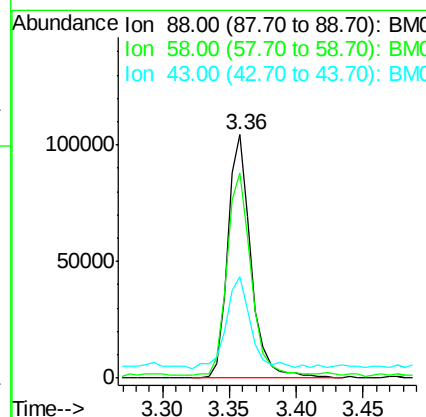
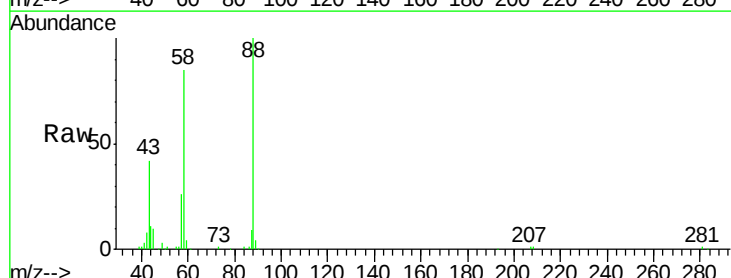
RT: 3.36 min Scan# 46

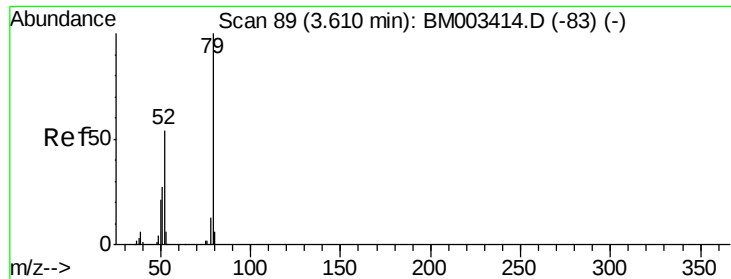
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	88	Resp:	128039
Ion Ratio	Lower	Upper	
88	100		
58	86.6	0.0	0.0#
43	39.2	0.0	0.0#





#3

Pvridine

Concen: 40.03 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

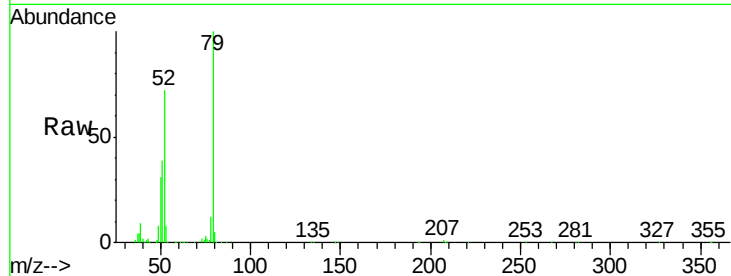
ClientSampleId :

PB97950BSD

Tot Ion:	79	Resp:	414784
Ion Ratio	Lower	Upper	
79	100		
52	71.7	51.1	76.7
51	38.9	26.1	39.1

Manual Integrations
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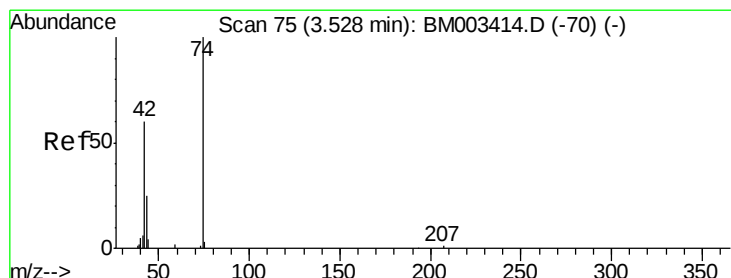
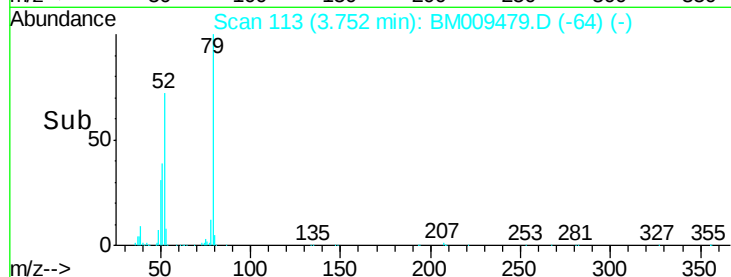
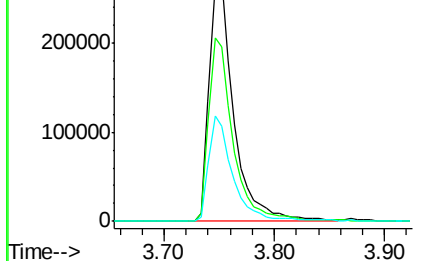


Abundance Ion 79.00 (78.70 to 79.70): BM003414.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003414.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003414.D (-83) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 44.53 ng

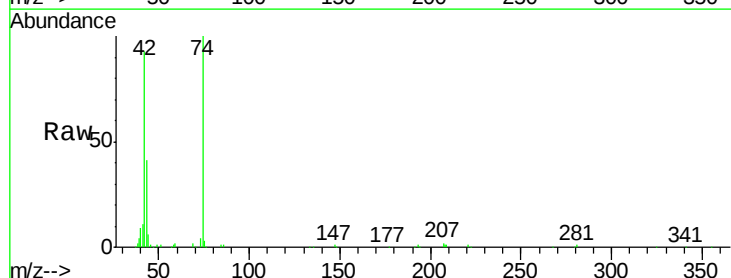
RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	42	Resp:	245621
Ion Ratio	Lower	Upper	
42	100		
74	107.1	119.3	178.9#
44	6.2	5.4	8.2

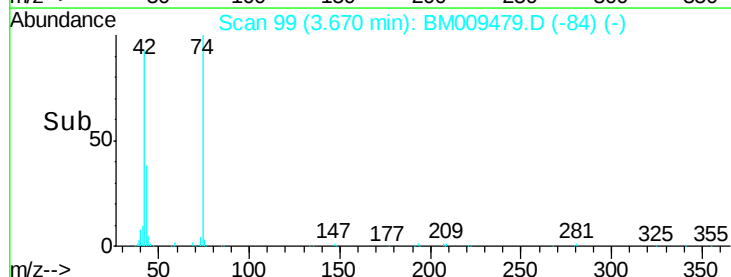
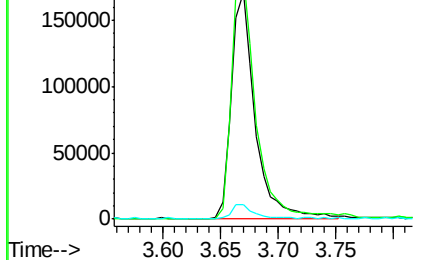


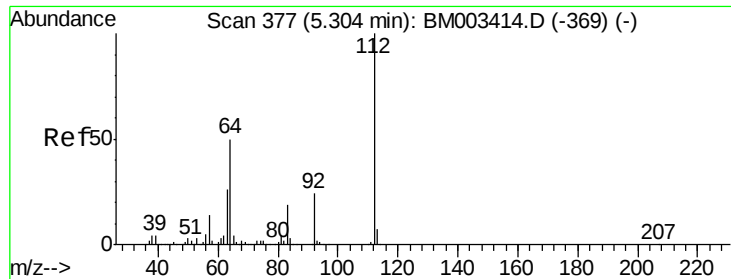
Abundance Ion 42.00 (41.70 to 42.70): BM003414.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM003414.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM003414.D (-70) (-)

Time-->





#5

2-Fluorophenol

Concen: 148.49 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

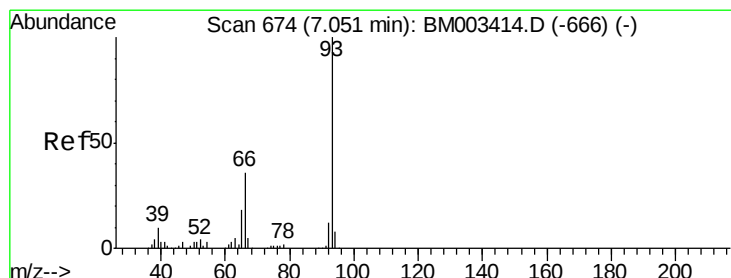
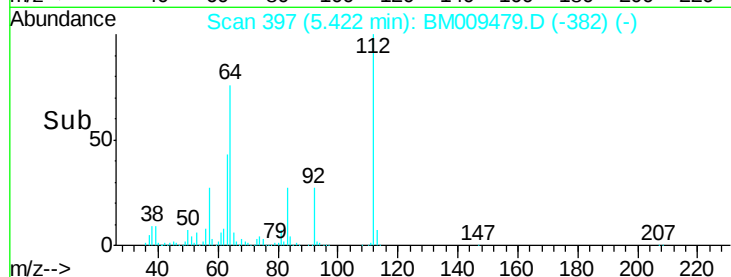
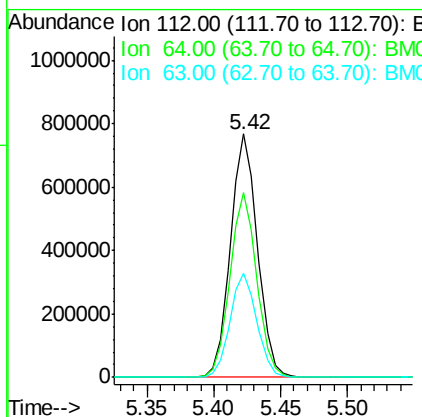
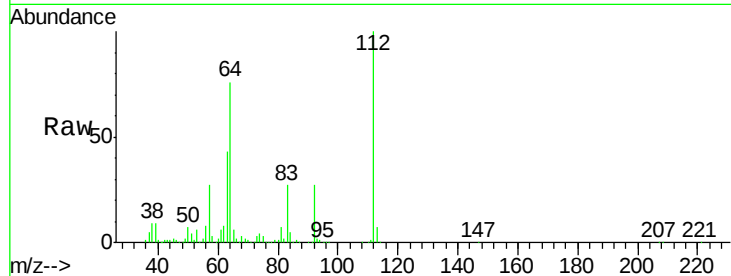
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Tot Ion:	112	Resp:	1082656
Ion	Ratio	Lower	Upper
112	100		
64	75.7	38.6	57.8#
63	42.5	19.3	28.9#

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#6

Aniline

Concen: 16.54 ng

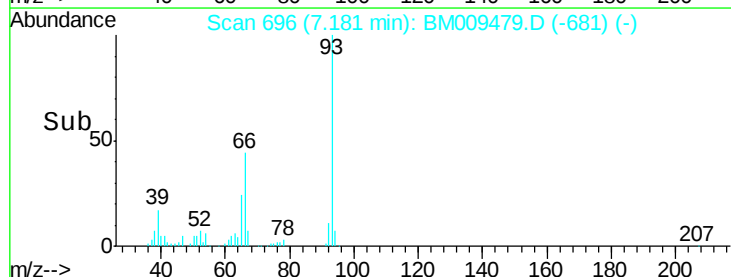
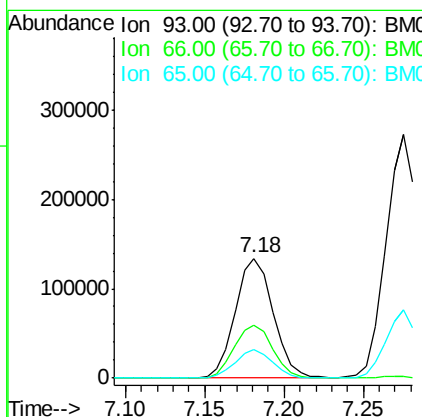
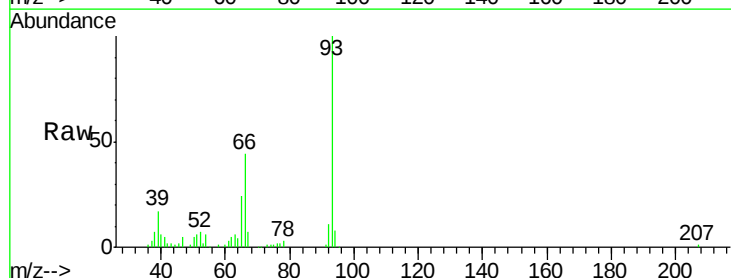
RT: 7.18 min Scan# 696

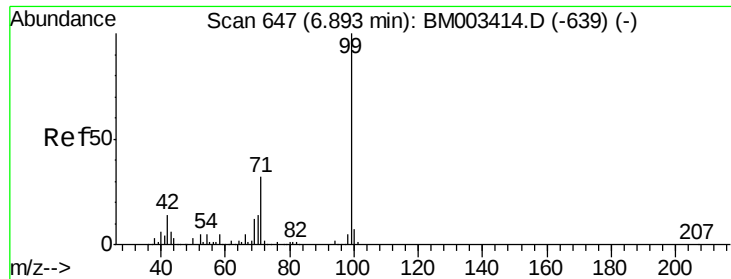
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	93	Resp:	223476
Ion	Ratio	Lower	Upper
93	100		
66	44.0	30.8	46.2
65	24.0	16.0	24.0#





#7

Phenol-d6

Concen: 150.78 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

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Tot Ion: 99 Resp: 1499199

Ion Ratio Lower Upper

99 100

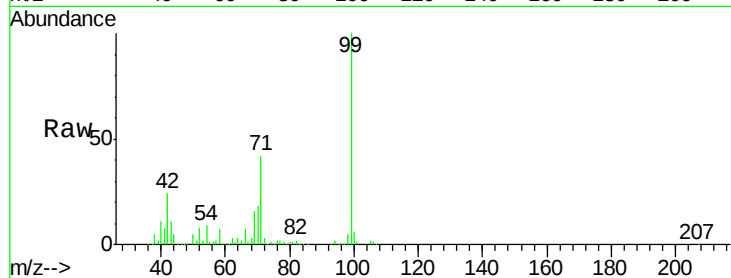
42 23.5 11.0 16.4#

71 42.1 23.4 35.2#

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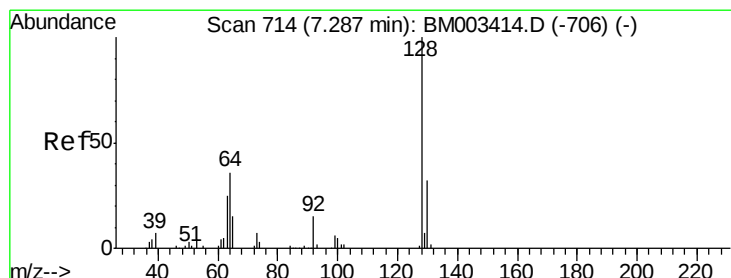
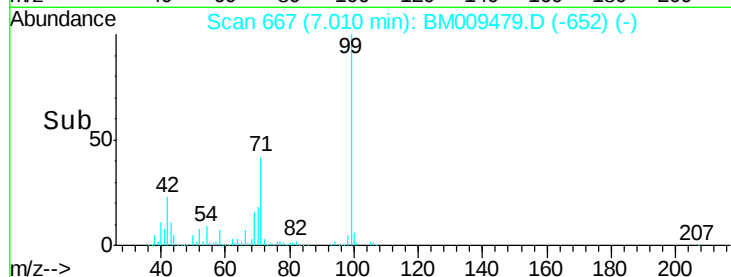
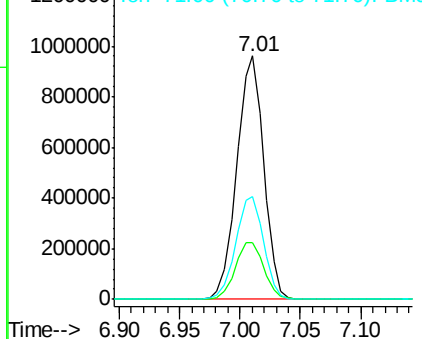
4/3/2017 11:49:44 AM



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#8

2-Chlorophenol

Concen: 50.72 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

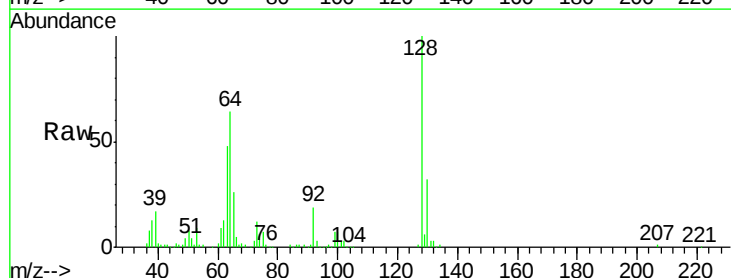
Tgt Ion: 128 Resp: 374935

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

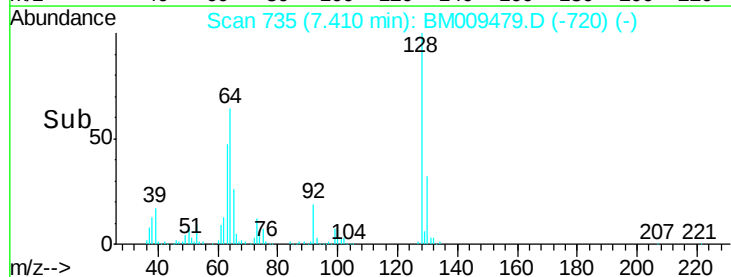
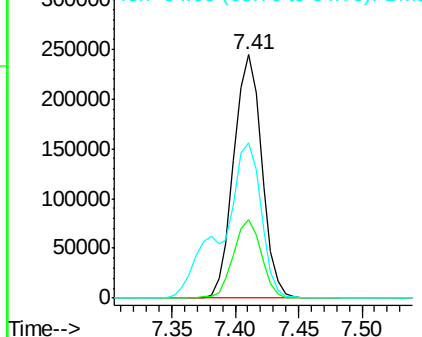
64 63.9 24.9 64.9

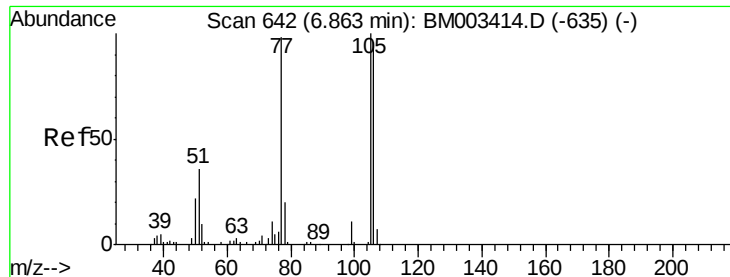


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM003414.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-706) (-)





#9

Benzaldehyde

Concen: 10.79 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009479.D

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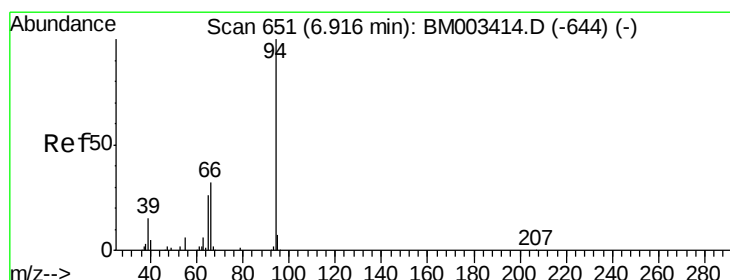
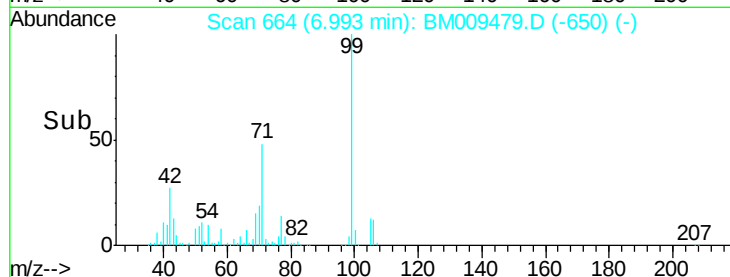
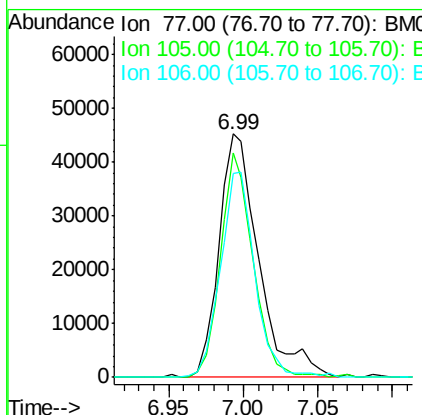
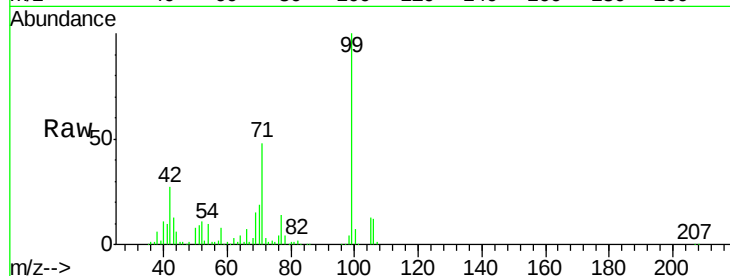
ClientSampleId :

PB97950BSD

Tot Ion:	77	Resp:	84480
Ion	Ratio	Lower	Upper
77	100		
105	92.0	78.8	118.8
106	83.8	73.7	113.7

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#10

Phenol

Concen: 50.34 ng

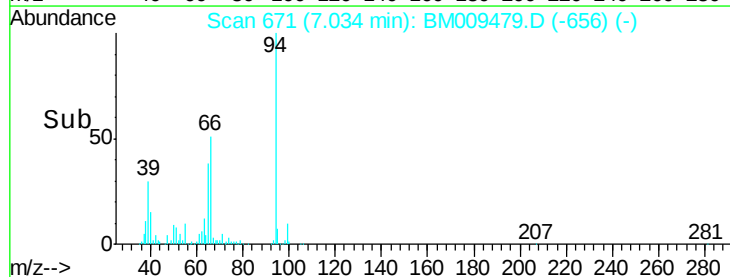
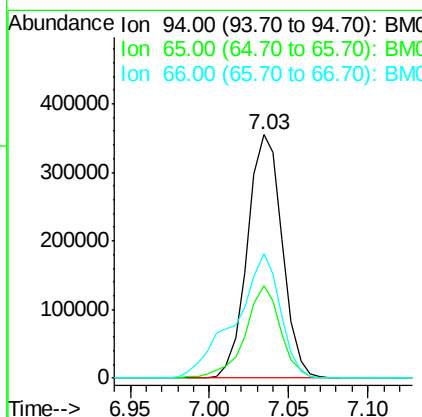
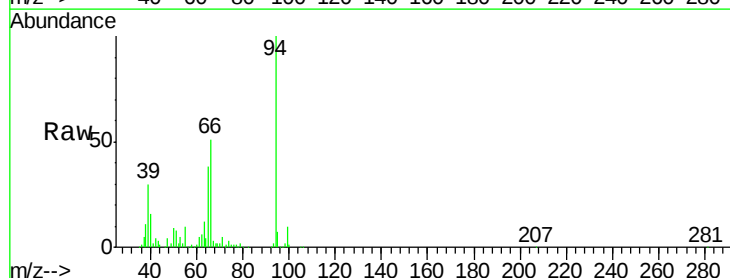
RT: 7.03 min Scan# 671

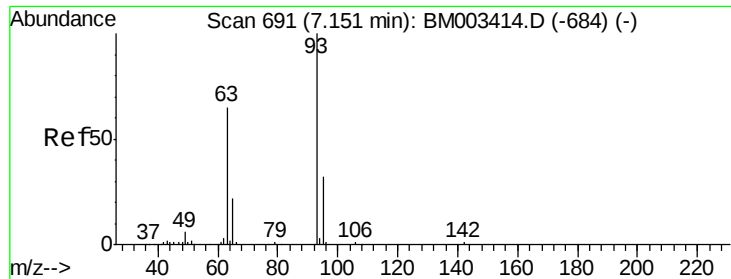
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	94	Resp:	542338
Ion	Ratio	Lower	Upper
94	100		
65	38.0	18.8	58.8
66	51.0	39.9	79.9





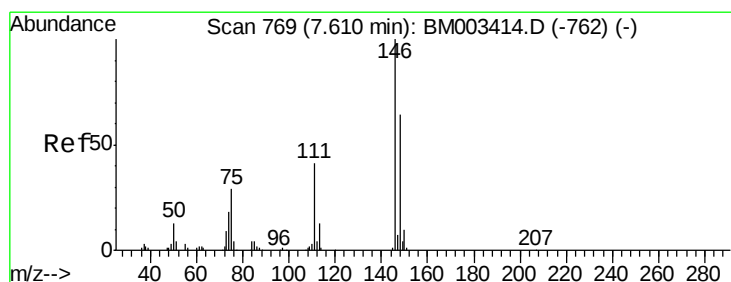
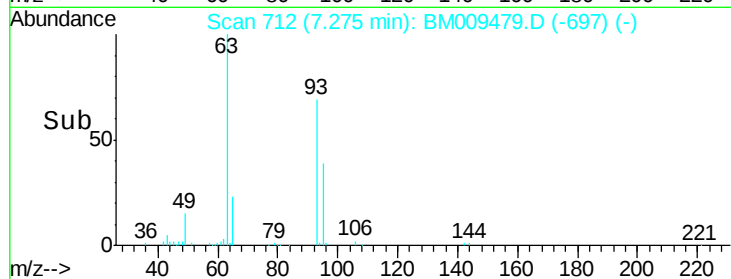
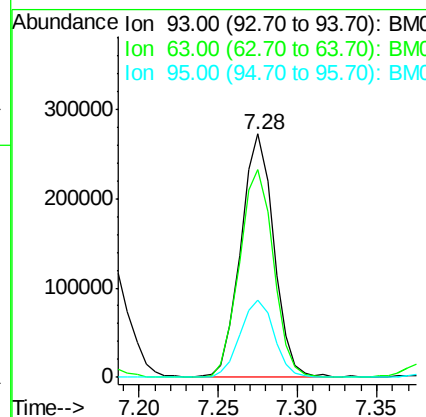
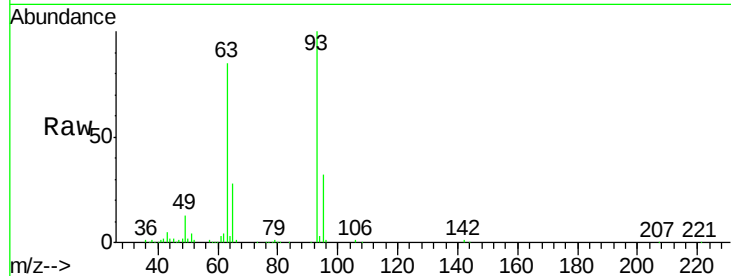
#11
bis(2-Chloroethyl)ether
Concen: 44.14 ng
RT: 7.28 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.5	49.5	89.5	
95	31.9	13.5	53.5	

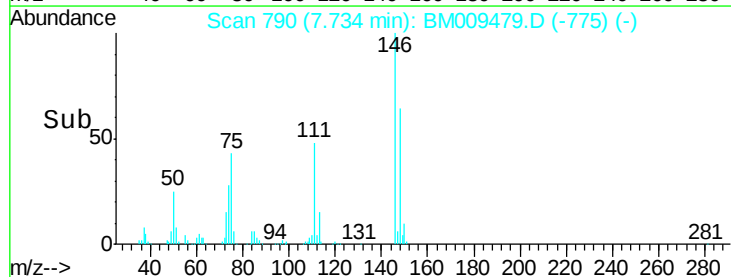
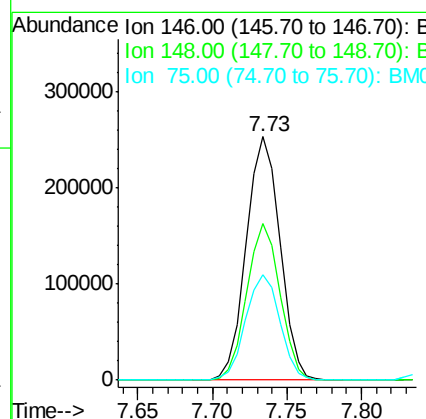
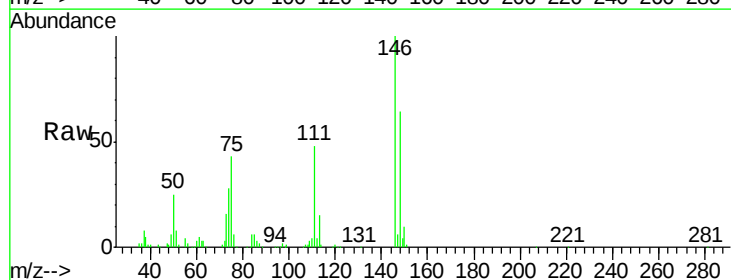
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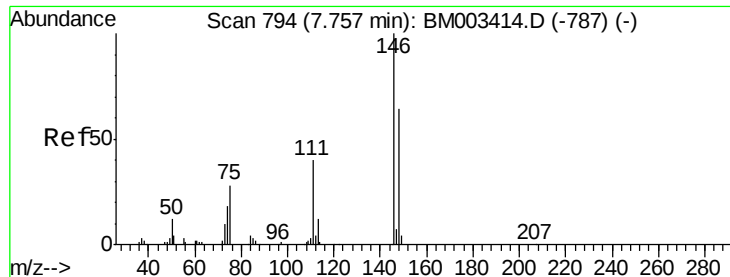
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#12
1,3-Dichlorobenzene
Concen: 44.71 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.4	50.9	76.3	
75	43.1	21.4	32.2	





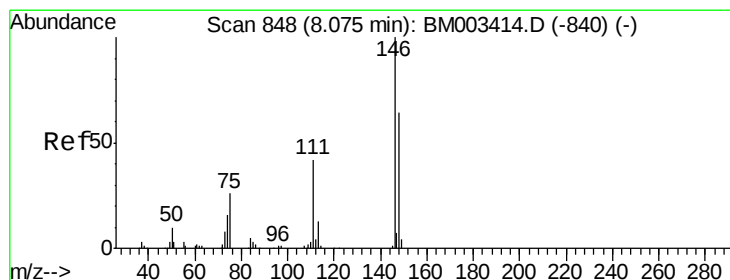
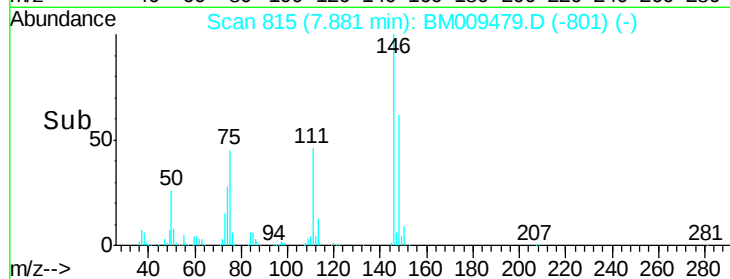
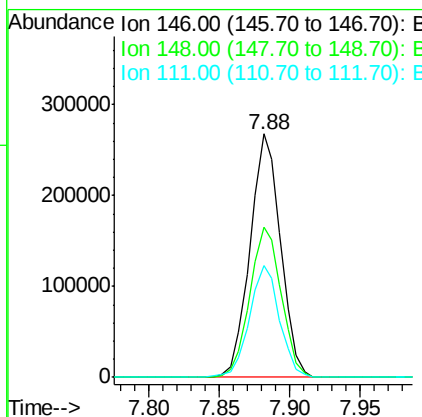
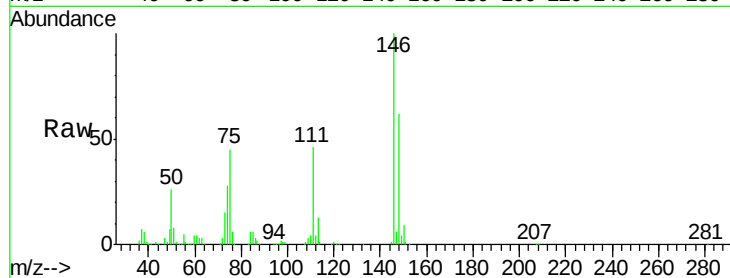
#13
1,4-Dichlorobenzene
Concen: 44.50 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.9	77.9
111	45.7	29.2	43.8

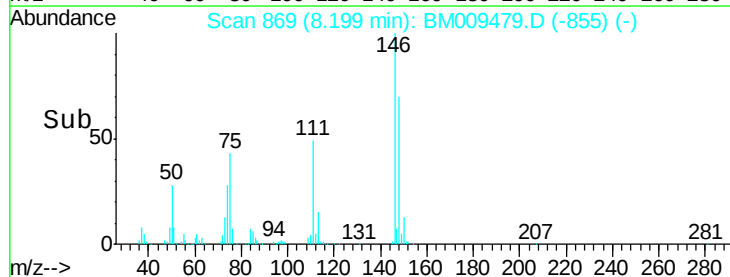
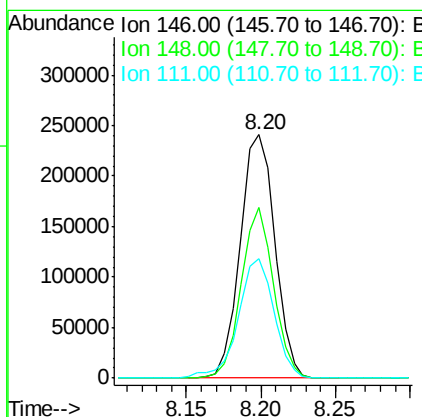
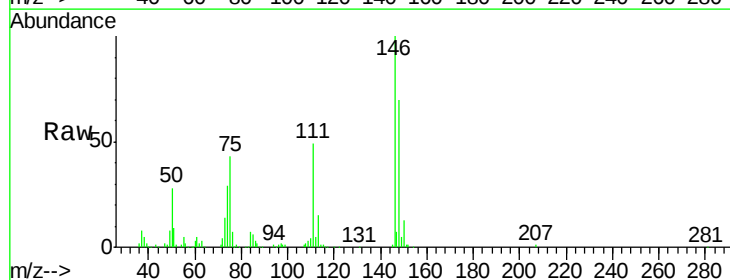
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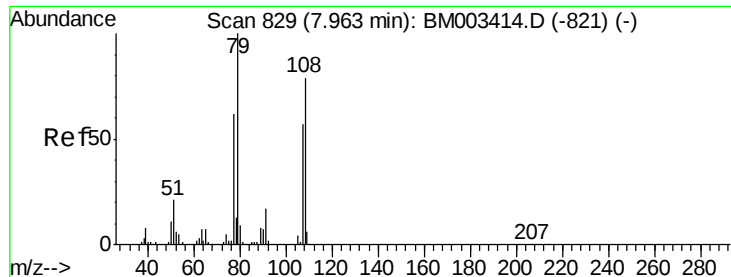
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#14
1,2-Dichlorobenzene
Concen: 43.57 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.2	52.3	78.5
111	49.3	30.6	45.8





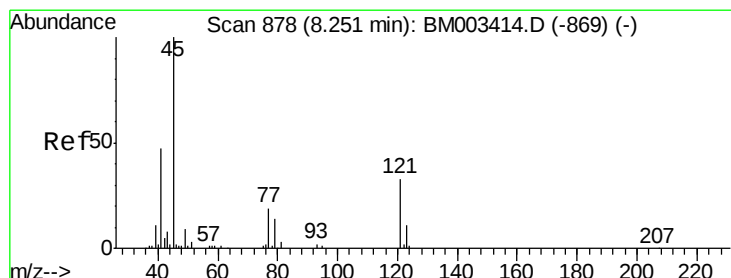
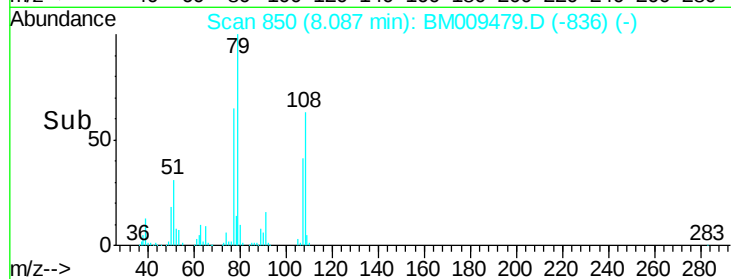
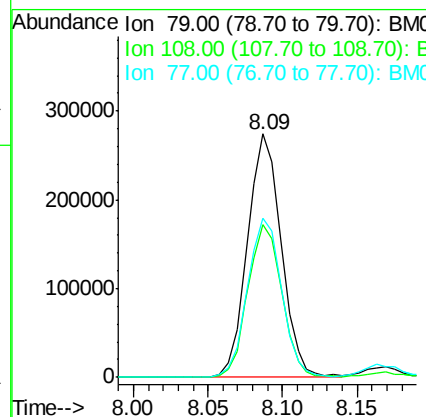
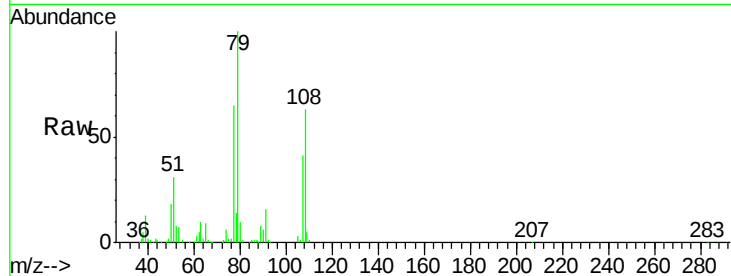
#15
Benzyl Alcohol
Concen: 49.32 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.6	65.0	97.4#
77	65.5	53.0	79.6

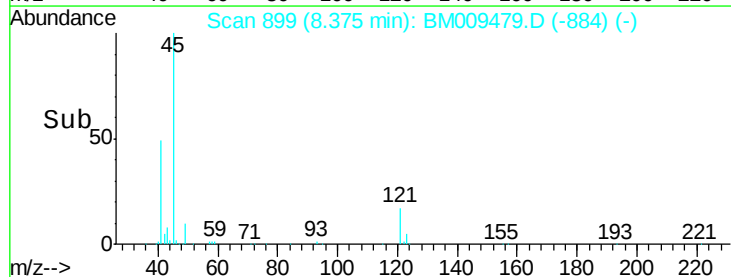
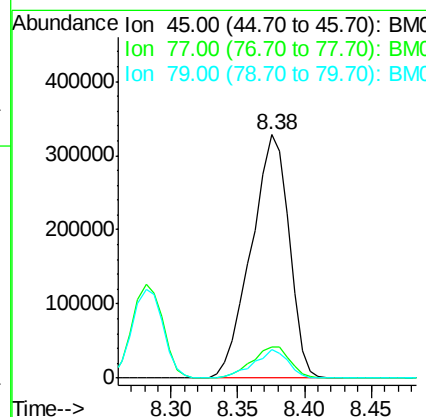
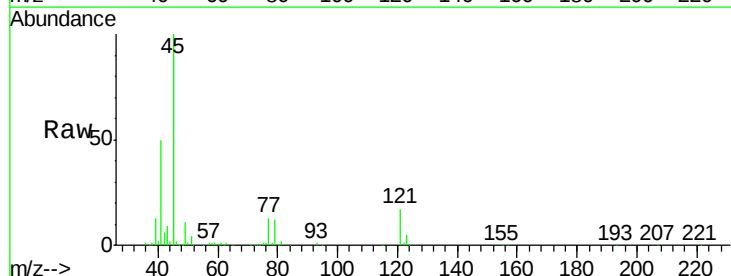
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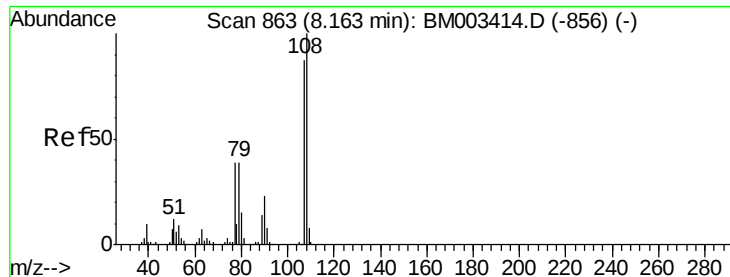
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.97 ng
RT: 8.38 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	35.2
79	11.6	0.0	32.0





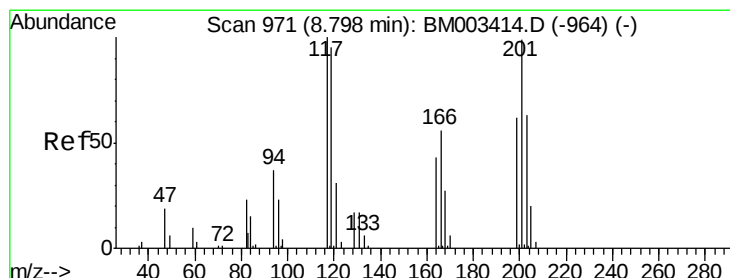
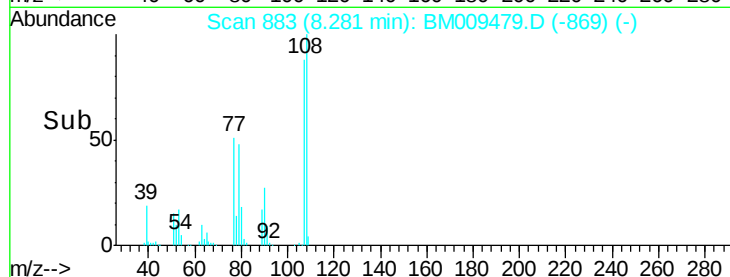
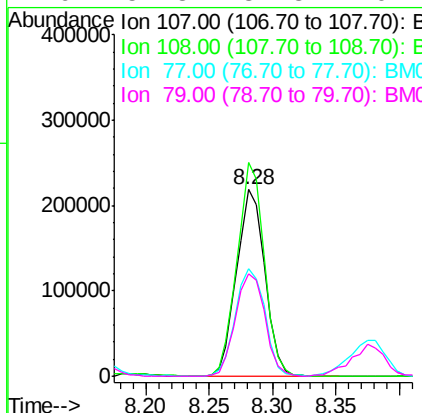
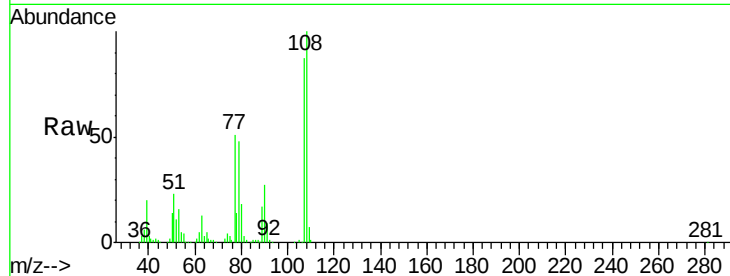
#17
2-Methylphenol
Concen: 48.02 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	89.8	134.8	
77	57.8	32.6	48.8	
79	54.8	32.8	49.2	

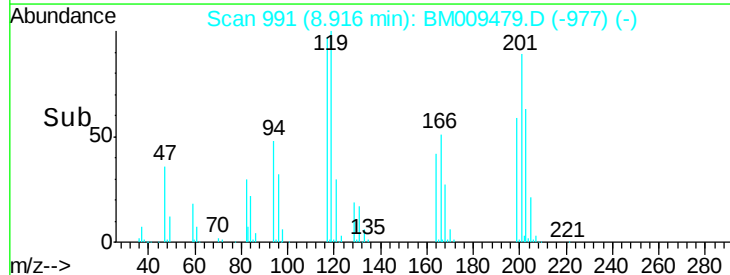
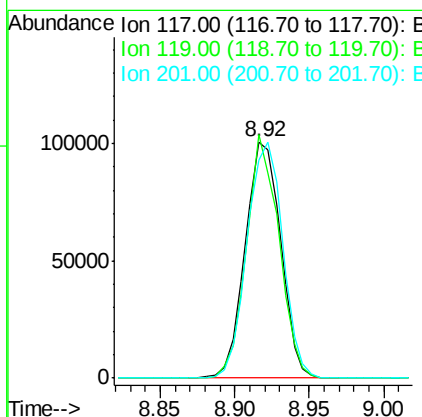
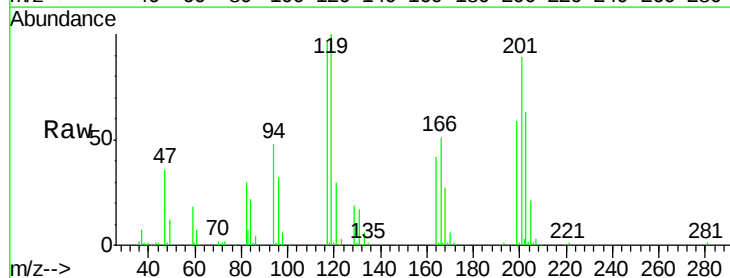
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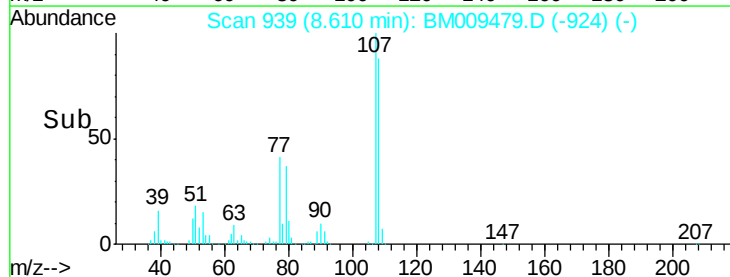
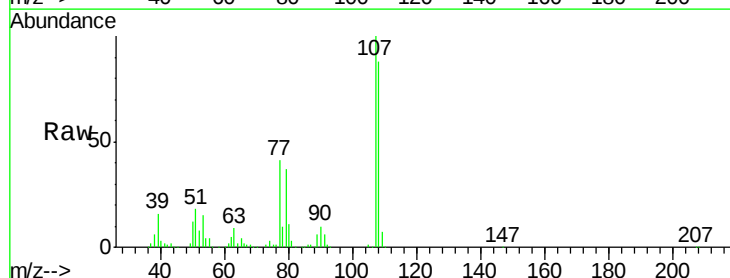
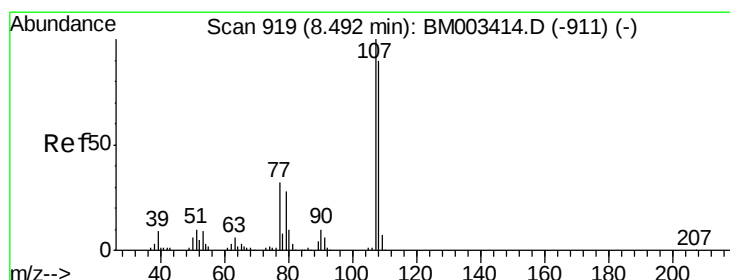
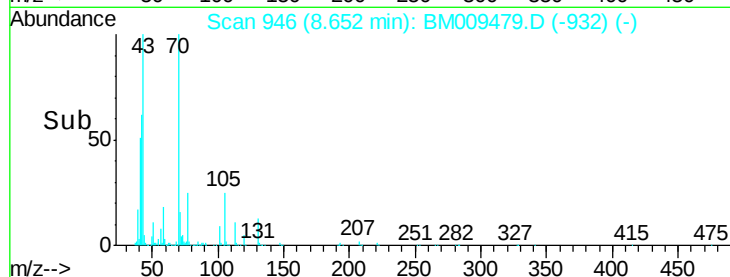
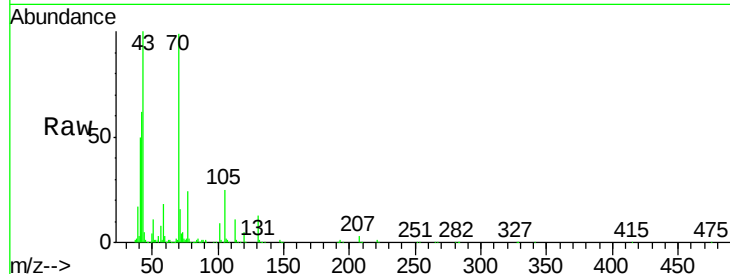
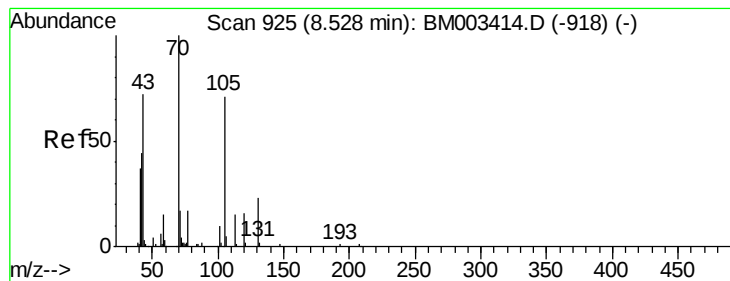
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#18
Hexachloroethane
Concen: 44.26 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.9	79.2	118.8	
201	92.1	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 46.01 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.4	44.5	66.7	
101	9.3	7.4	11.2	
130	13.3	15.3	22.9	

Instrument :

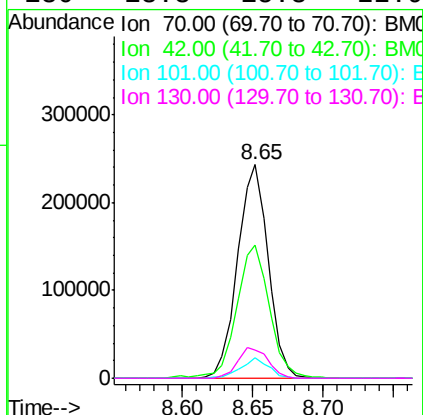
BNA_M

ClientSampleId :

PB97950BSD

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#20

3+4-Methylphenols

Concen: 47.67 ng

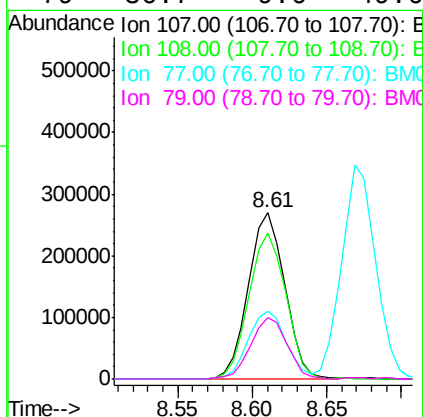
RT: 8.61 min Scan# 939

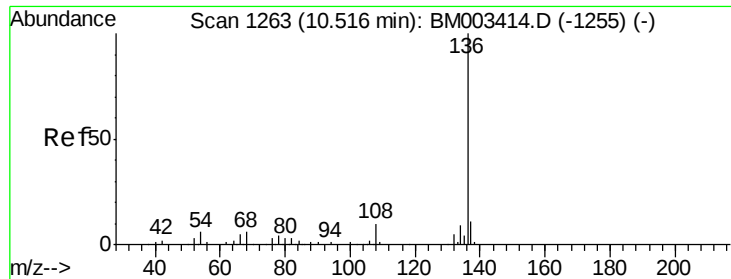
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	73.2	113.2	
77	40.9	10.7	50.7	
79	36.7	9.6	49.6	





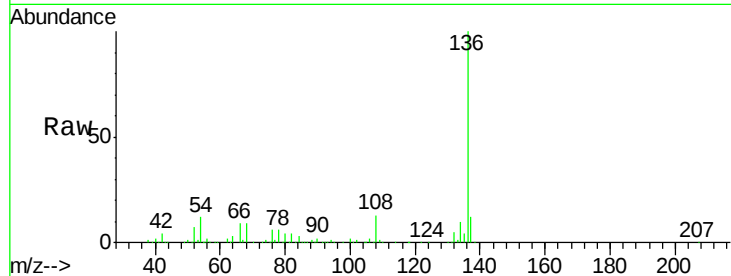
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

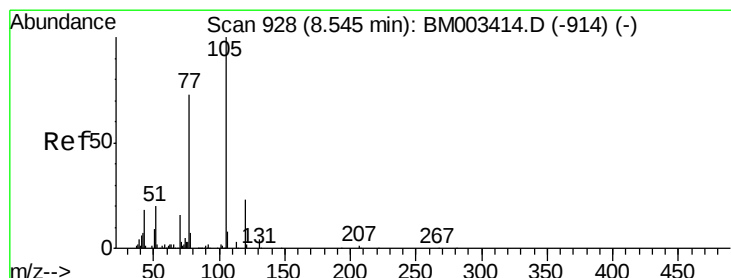
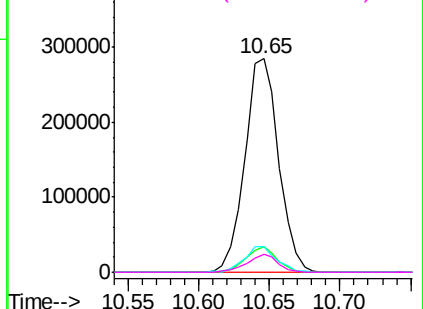
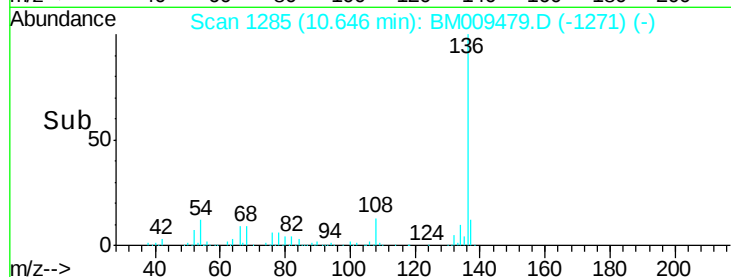
Tot Ion	Ratio	Resp	Lower	Upper
136	100	476859		
137	11.9	8.7	13.1	
54	11.9	4.6	6.8#	
68	8.6	3.7	5.5#	

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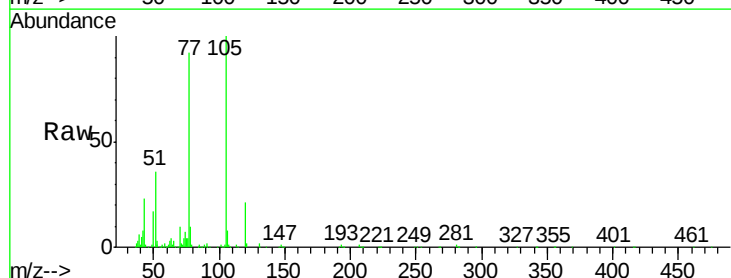


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

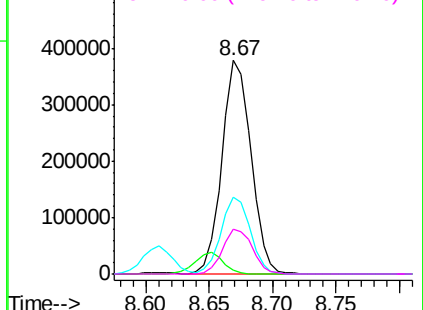
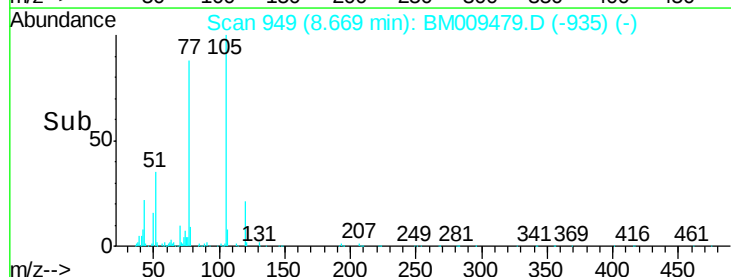


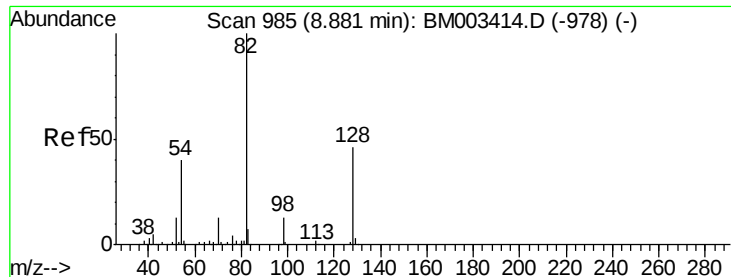
#22
Acetophenone
Concen: 44.72 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	601473		
71	1.8	0.6	1.0#	
51	36.3	21.6	32.4#	
120	20.7	16.1	24.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





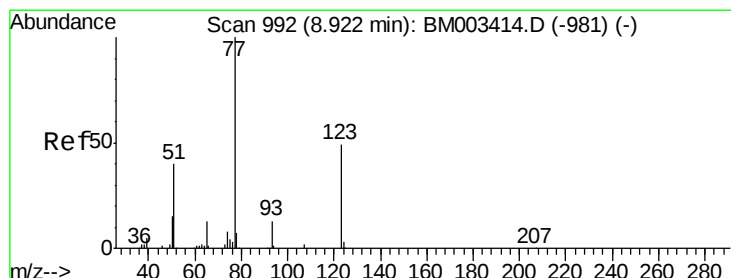
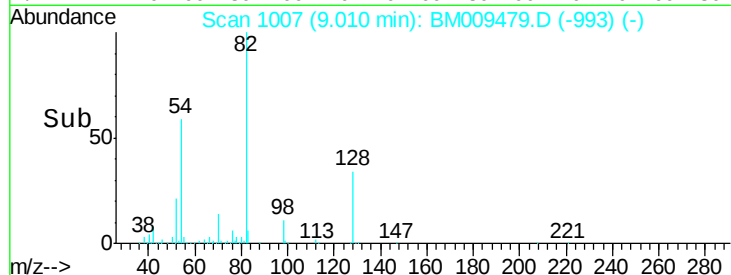
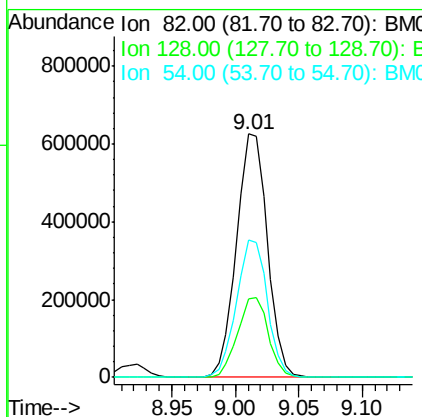
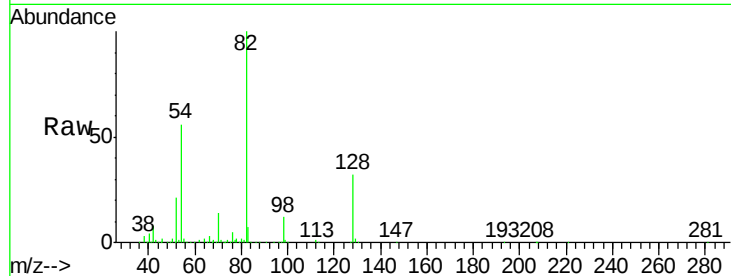
#23
 Nitrobenzene-d5
 Concen: 83.41 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	82	Resp	1060880
Ion Ratio	100	Lower	Upper
82	100		
128	32.2	32.8	49.2#
54	56.4	40.6	60.8

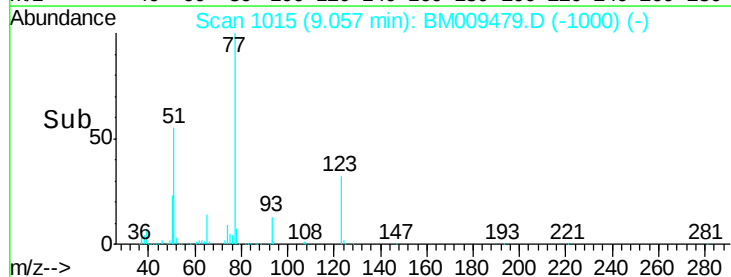
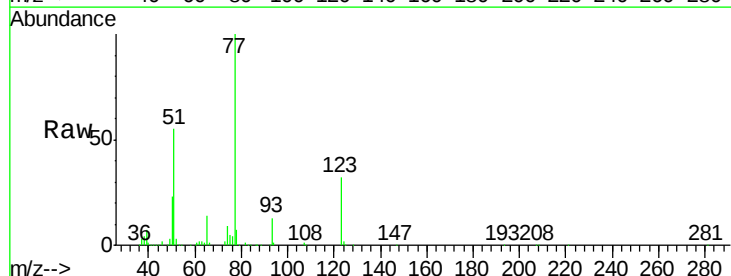
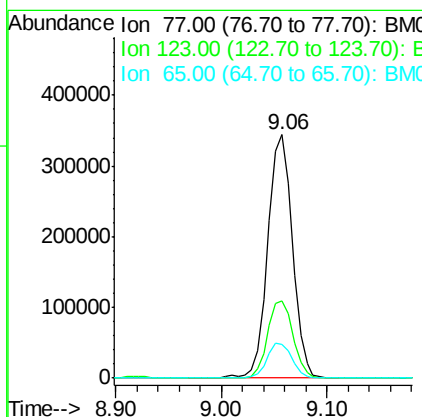
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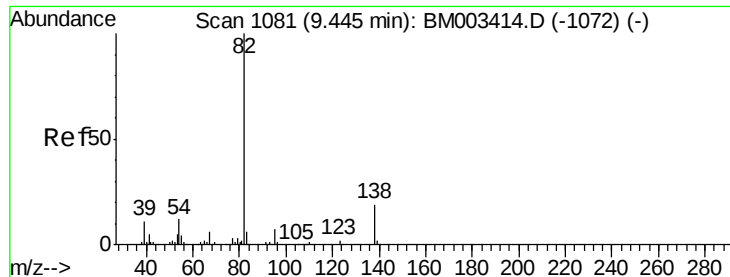
mohammad
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#24
 Nitrobenzene
 Concen: 44.75 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	77	Resp	557607
Ion Ratio	100	Lower	Upper
77	100		
123	31.8	32.6	49.0#
65	13.6	10.9	16.3





#25

Isophorone

Concen: 46.56 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

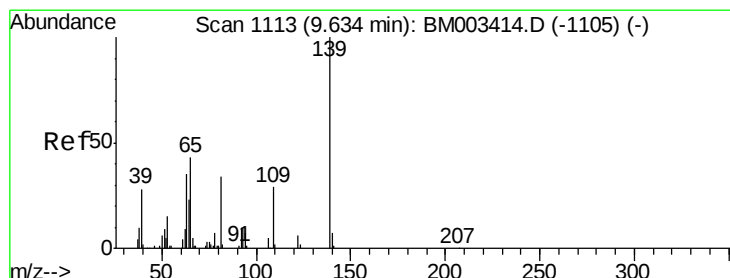
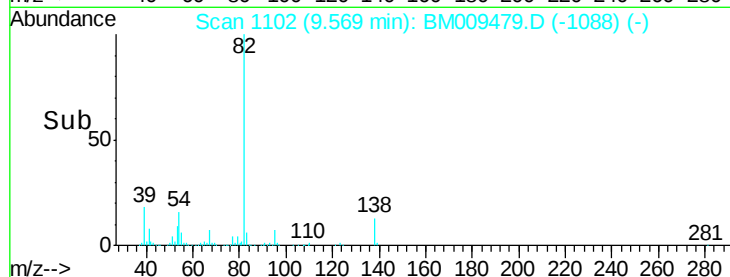
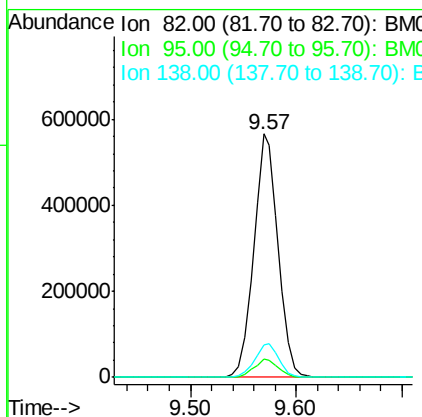
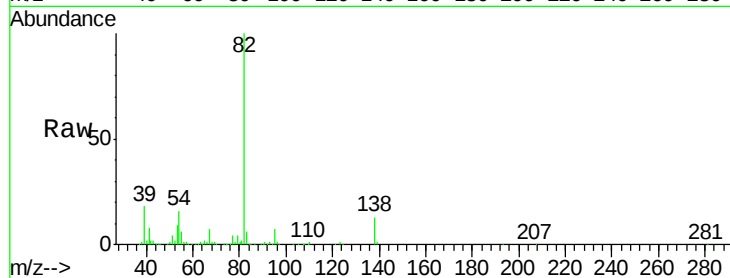
ClientSampleId :

PB97950BSD

Tot Ion:	82	Resp:	903445
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	13.2	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.99 ng

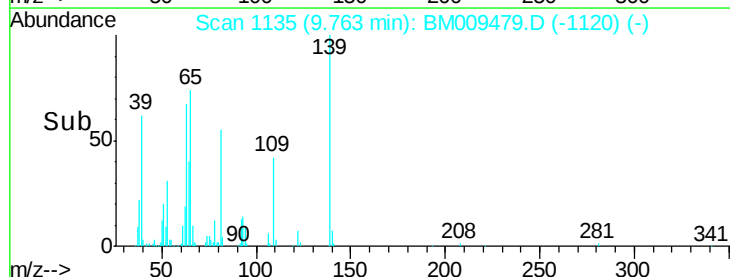
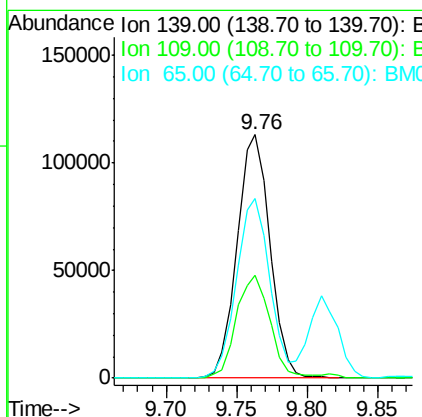
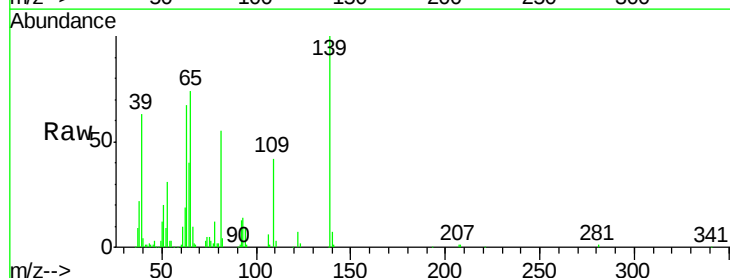
RT: 9.76 min Scan# 1135

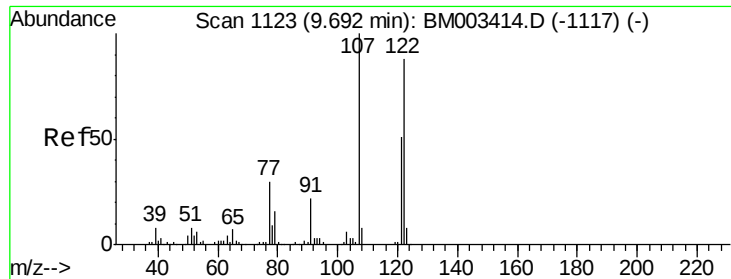
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	139	Resp:	184105
Ion Ratio	Lower	Upper	
139	100		
109	42.3	20.1	30.1#
65	73.9	31.5	47.3#





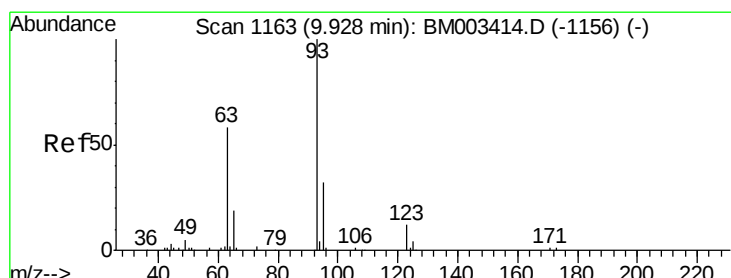
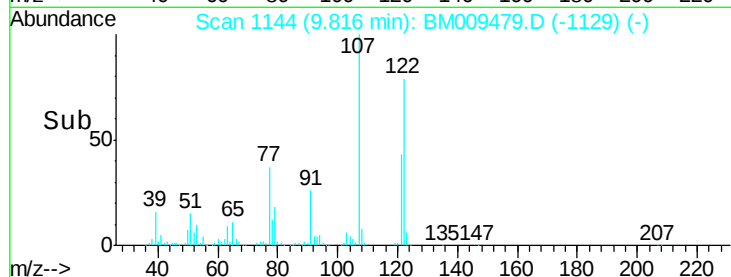
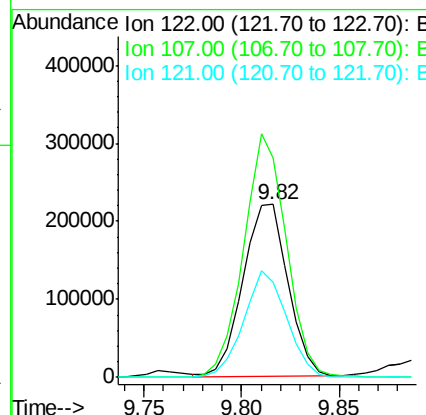
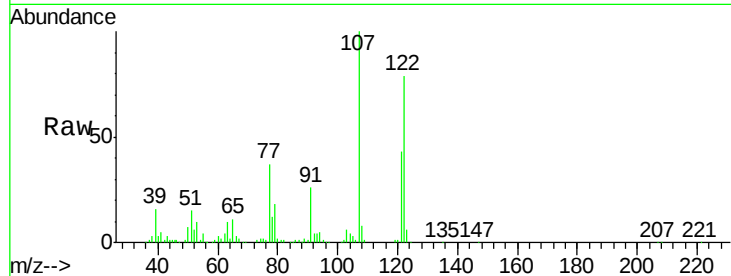
#27
2,4-Dimethylphenol
Concen: 51.31 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.5	84.7	127.1
121	54.9	46.6	69.8

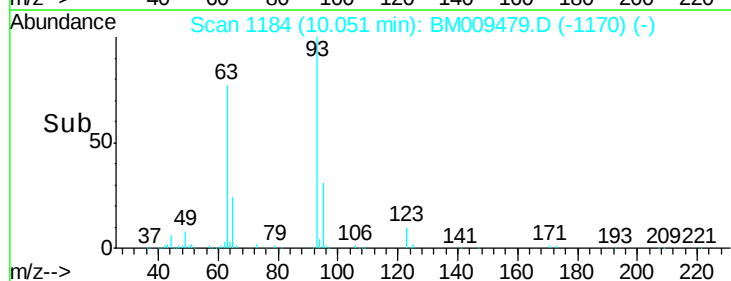
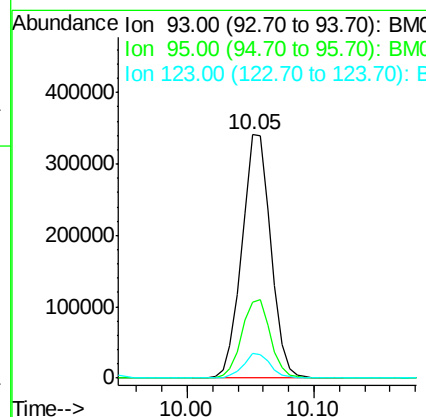
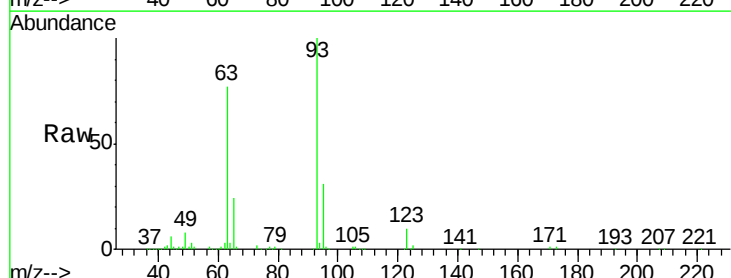
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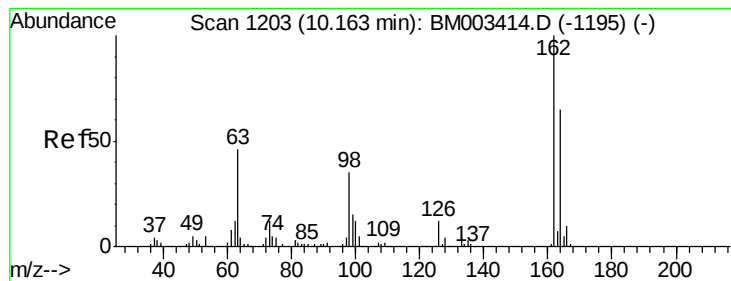
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.80 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.5	38.3
123	10.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 49.49 ng

RT: 10.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

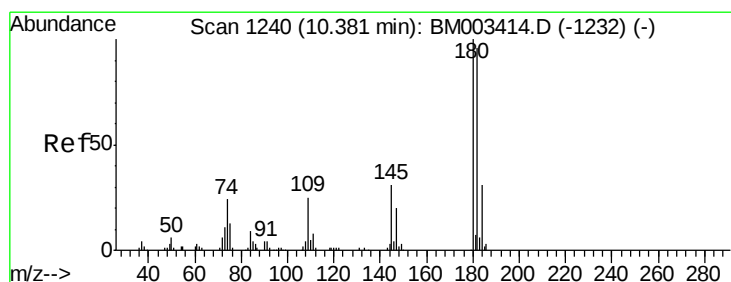
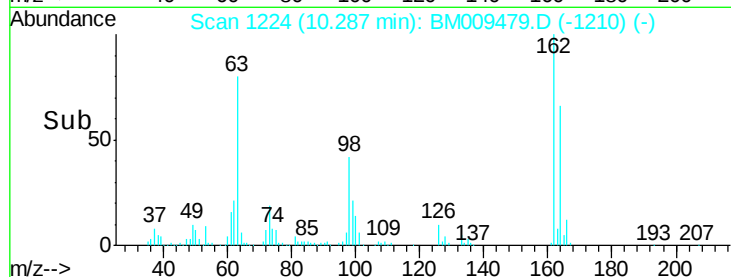
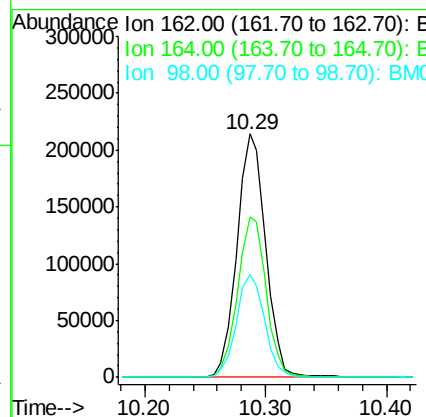
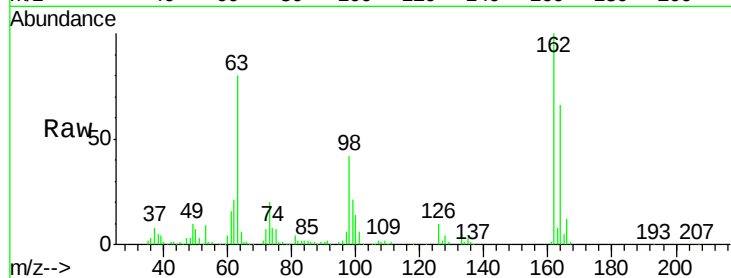
ClientSampleId :

PB97950BSD

Tot Ion:	162	Resp:	355681
Ion Ratio	Lower	Upper	
162	100		
164	65.8	42.8	82.8
98	42.3	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 44.84 ng

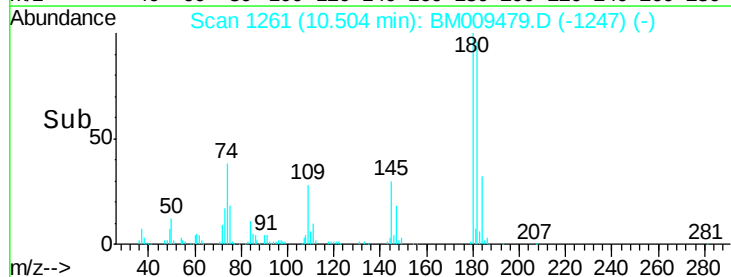
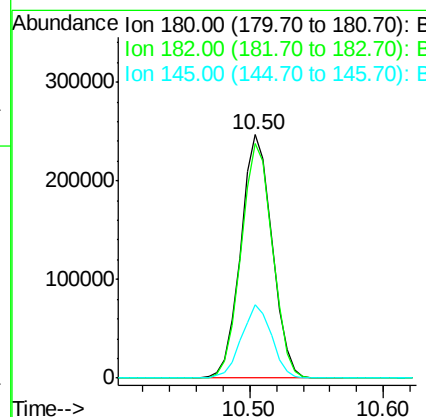
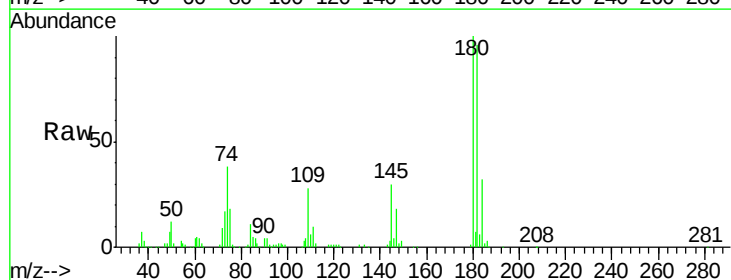
RT: 10.50 min Scan# 1261

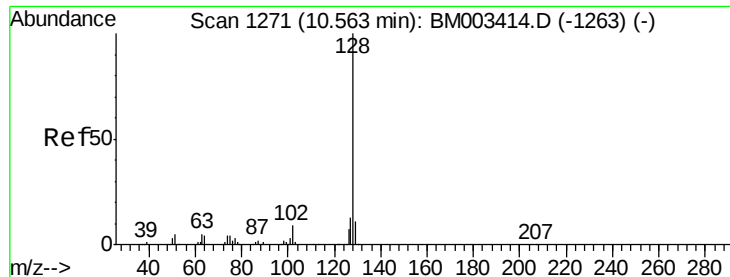
Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	180	Resp:	399858
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.6	116.4
145	30.2	23.4	35.2





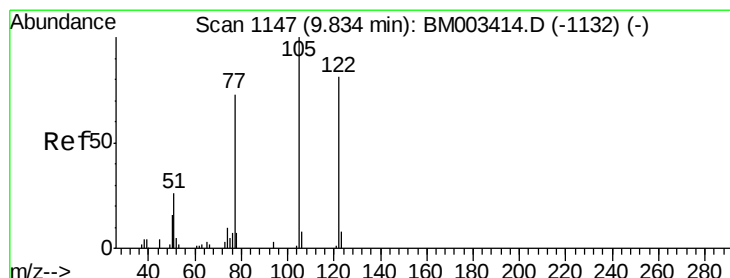
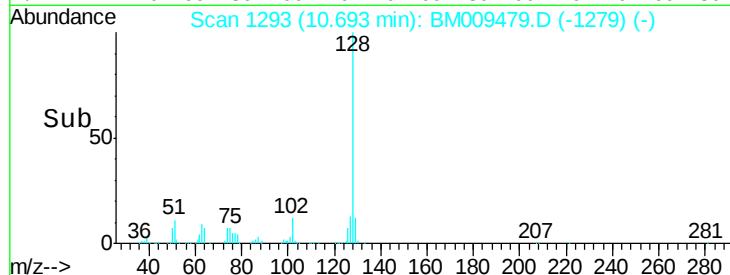
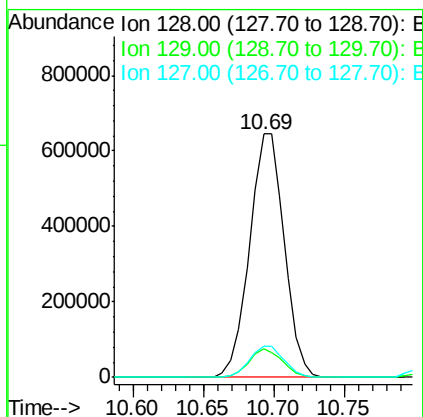
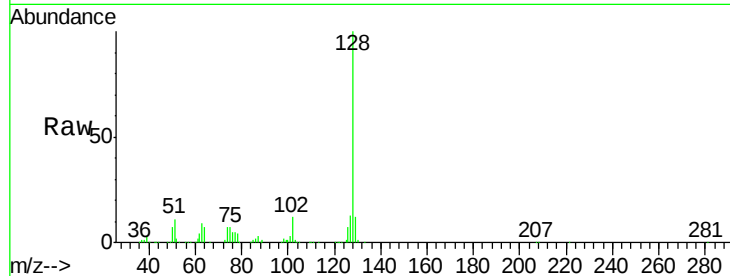
#31
Naphthalene
Concen: 43.98 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	12.8	10.4	15.6

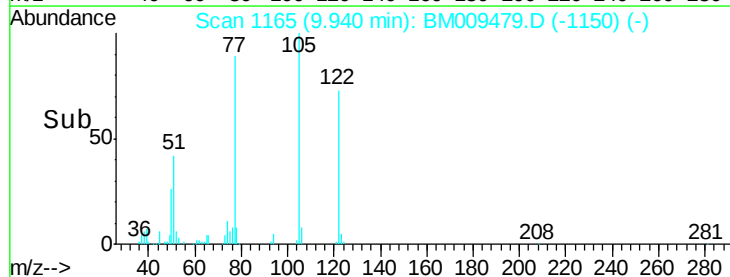
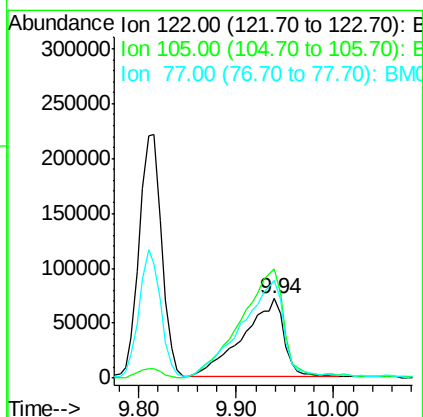
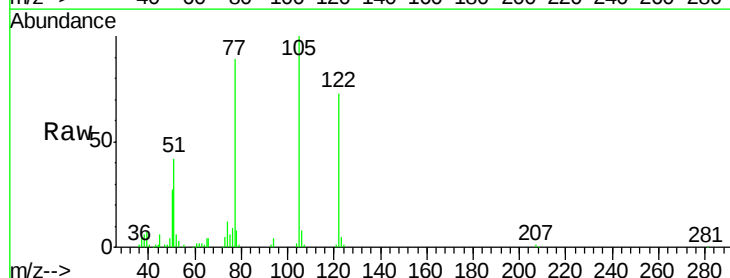
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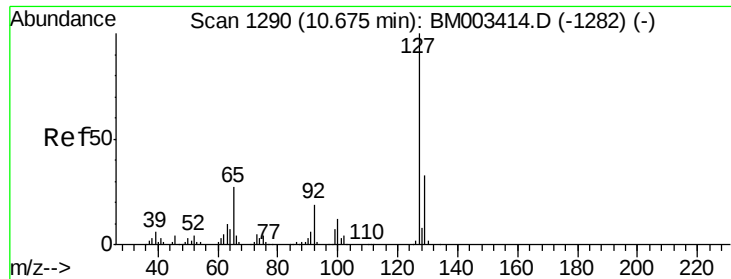
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#32
Benzoic acid
Concen: 42.42 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.1	99.9	139.9
77	122.2	73.7	113.7#





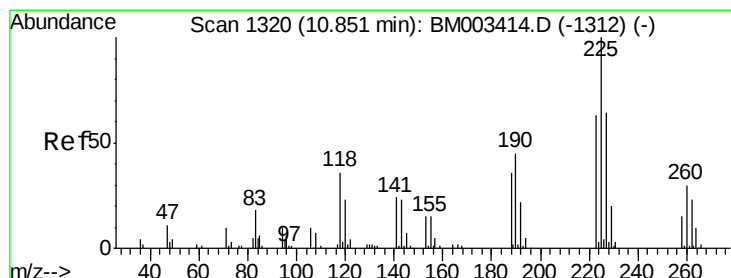
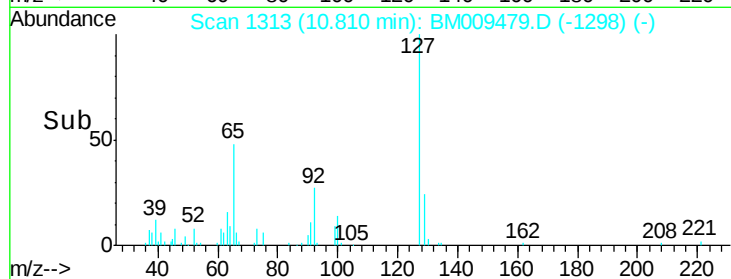
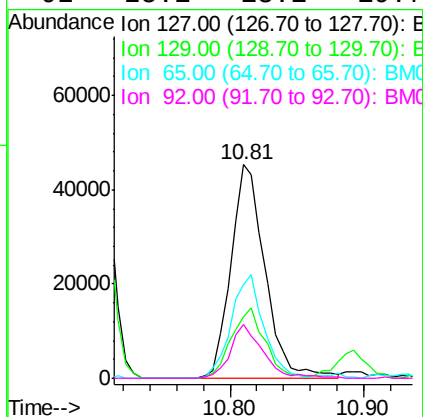
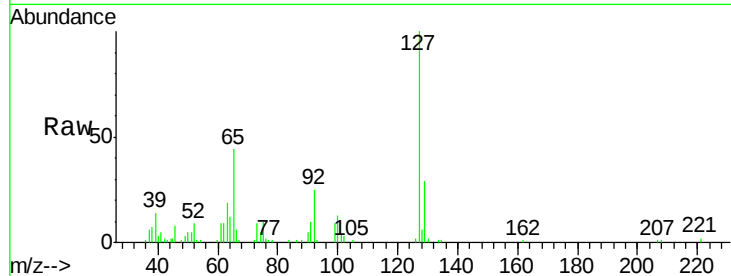
#33
4-Chloroaniline
Concen: 8.26 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.0	25.3	37.9		
65	43.8	17.6	26.4		
92	25.1	13.1	19.7		

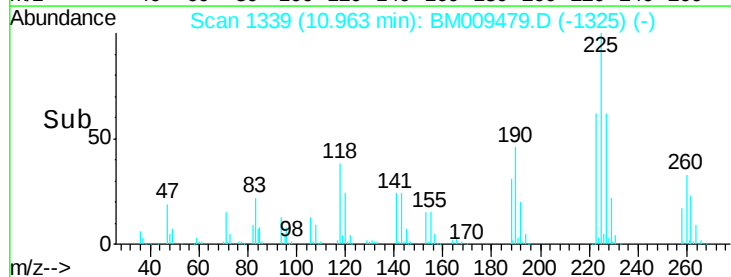
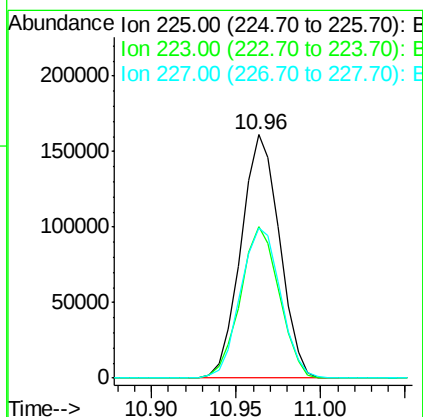
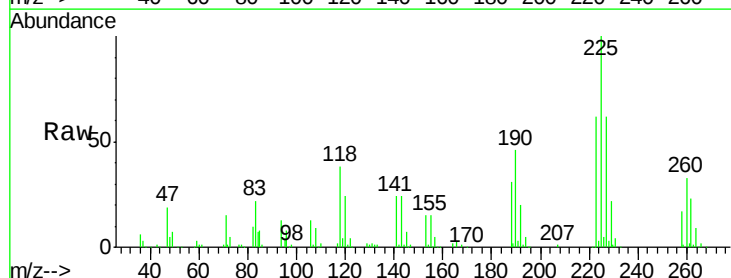
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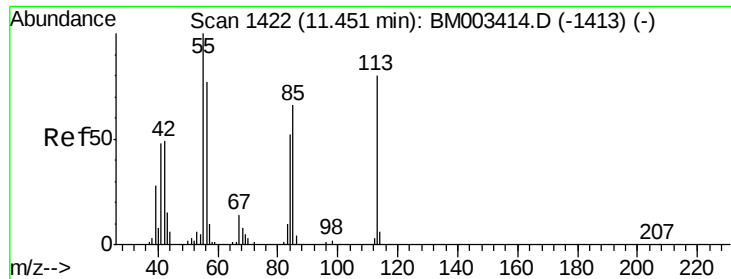
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#34
Hexachlorobutadiene
Concen: 42.04 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	47.9	71.9		
227	61.6	50.1	75.1		





#35

Caprolactam

Concen: 50.28 ng/mL

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

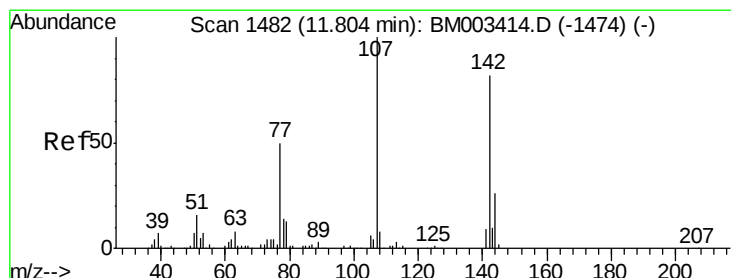
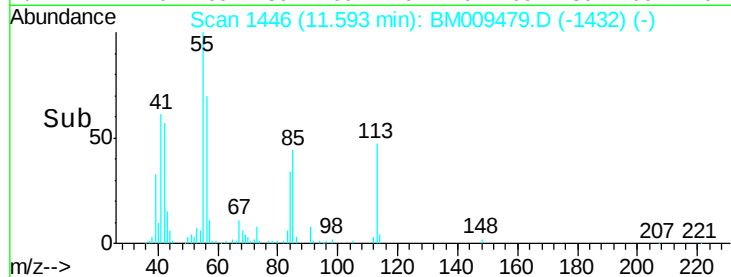
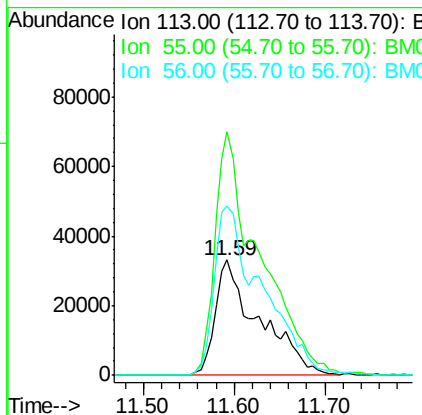
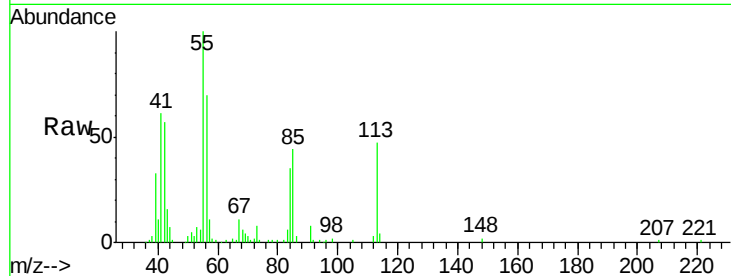
ClientSampleId :

PB97950BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.0	145.9	185.9#
56	147.0	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 49.93 ng/mL

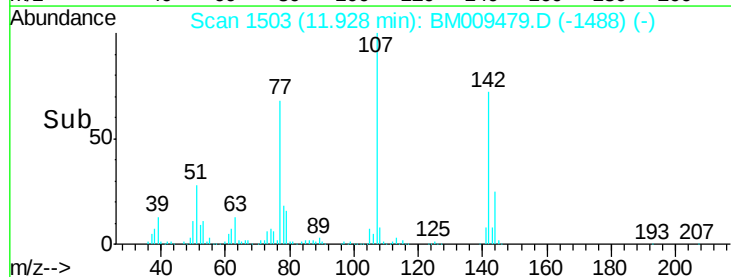
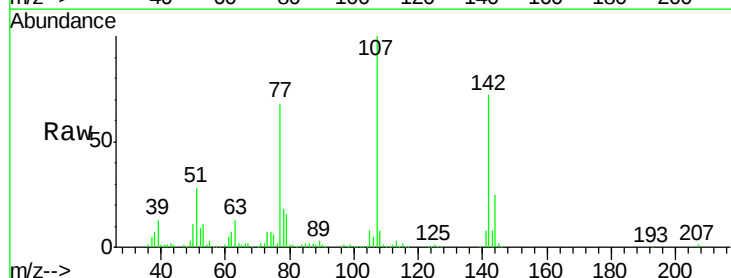
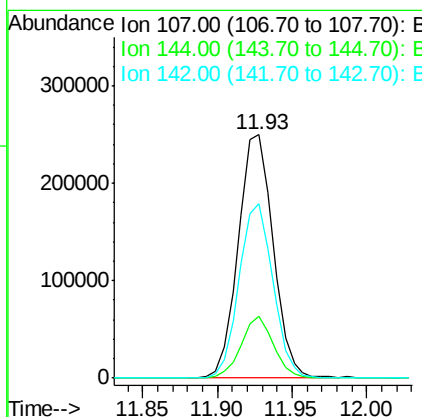
RT: 11.93 min Scan# 1503

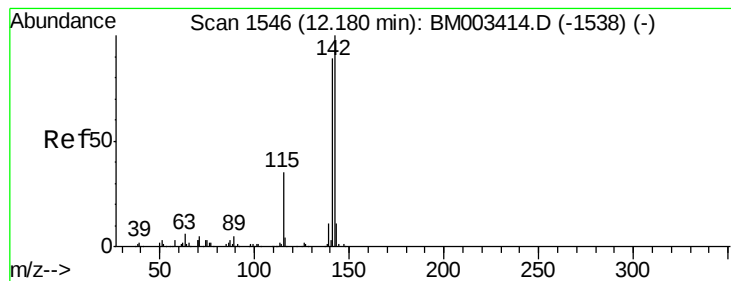
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	23.3	34.9
142	71.9	72.6	109.0#





#37

2-Methylnaphthalene

Concen: 46.92 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

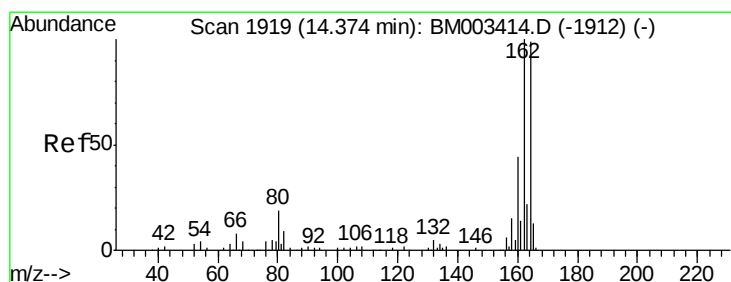
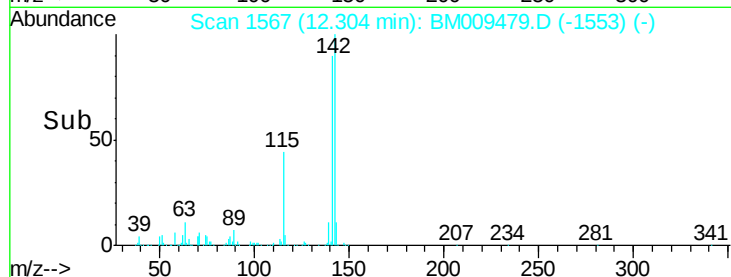
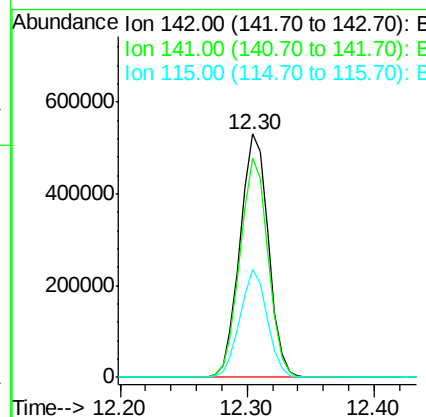
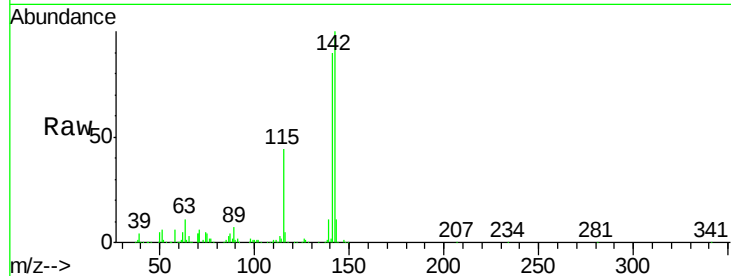
ClientSampleId :

PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	819778		
141	89.9	71.9	107.9	
115	44.1	25.4	38.0	

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#38

Acenaphthene-d10

Concen: 20.00 ng

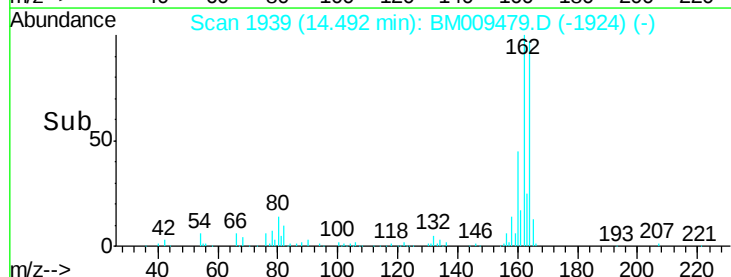
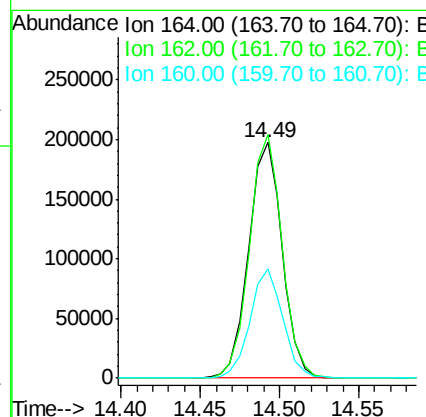
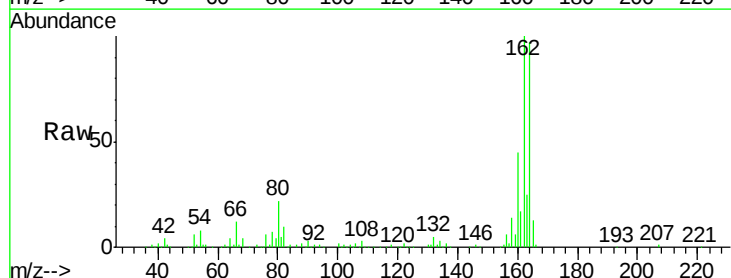
RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	288418		
162	103.3	82.4	123.6	
160	46.4	35.8	53.6	





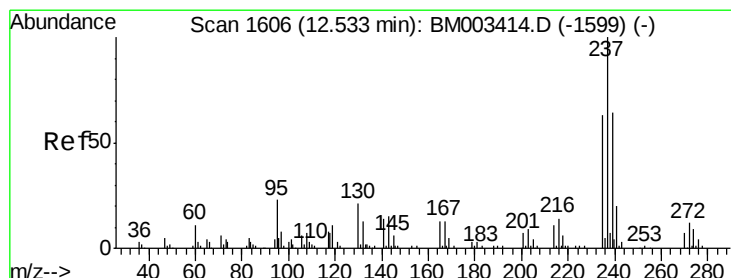
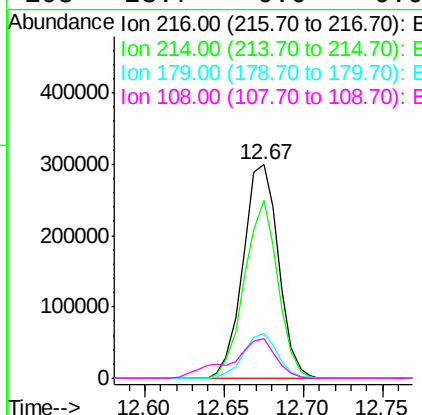
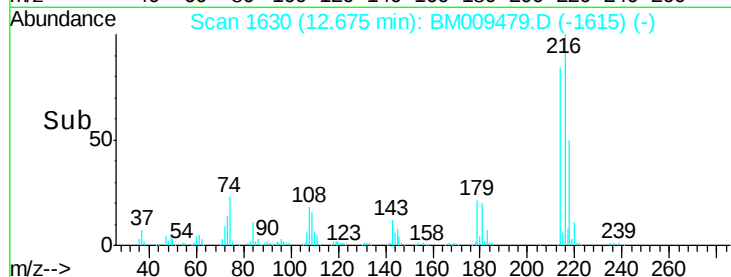
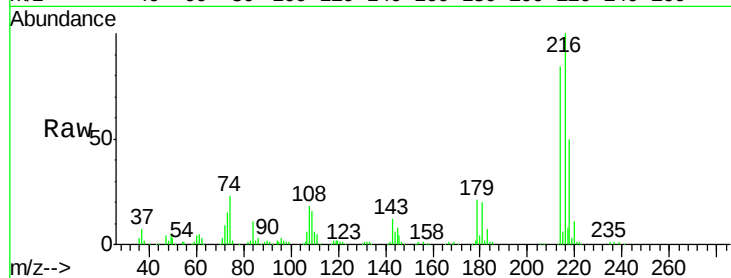
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.61 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	0.0	0.0	0.0
179	20.2	0.0	0.0	0.0
108	23.7	0.0	0.0	0.0

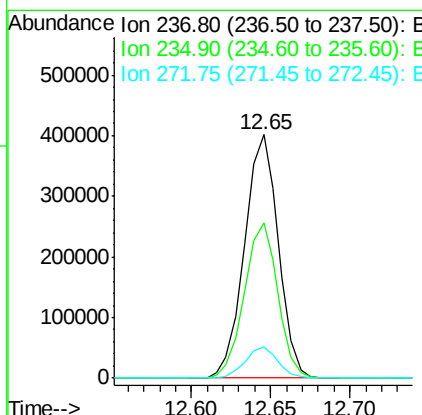
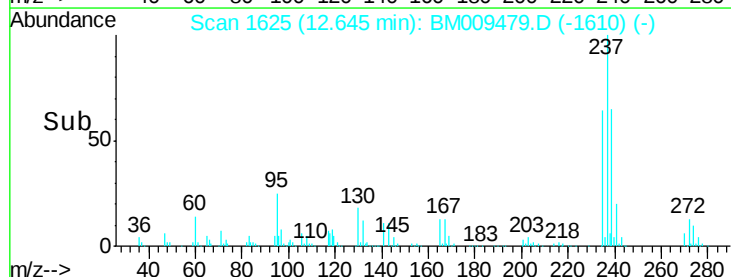
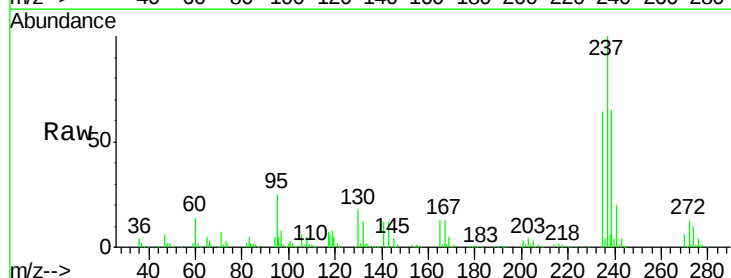
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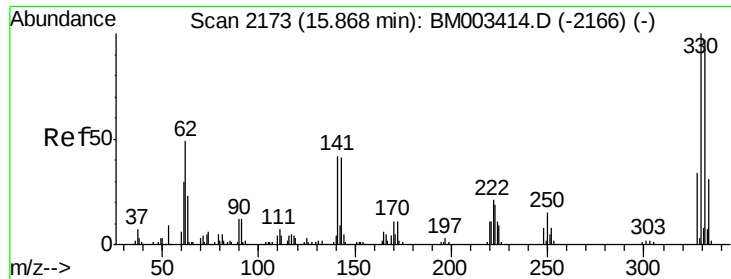
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#40
 Hexachlorocyclopentadiene
 Concen: 94.74 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	42.0	82.0	
272	12.9	0.0	33.4	





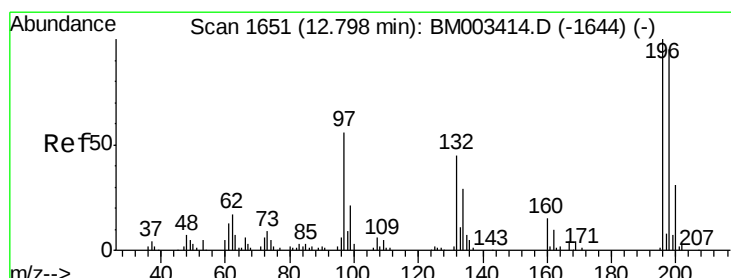
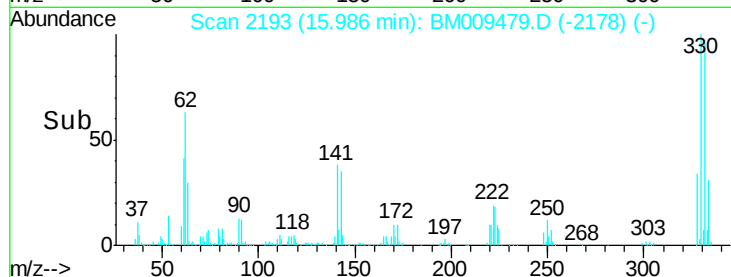
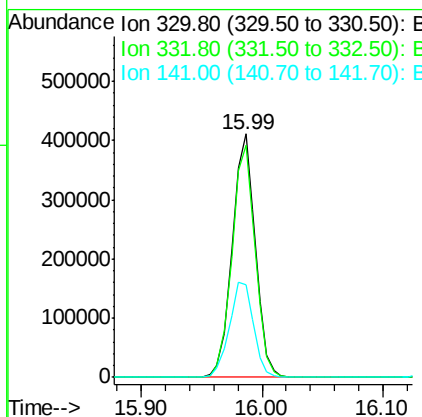
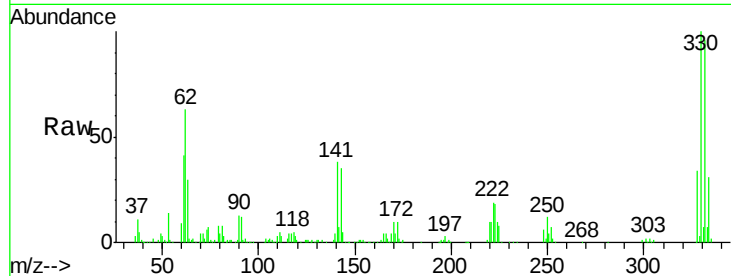
#41
 2,4,6-Tribromophenol
 Concen: 152.99 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	0.0	0.0	0.0
141	41.0	0.0	0.0	0.0

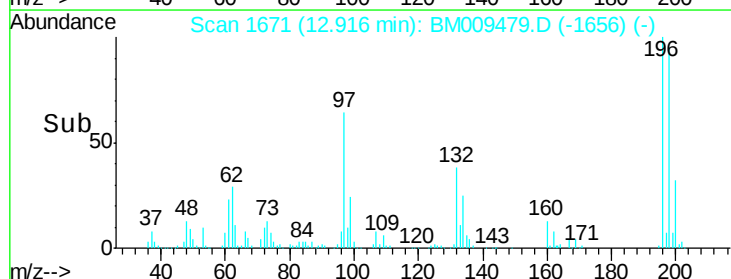
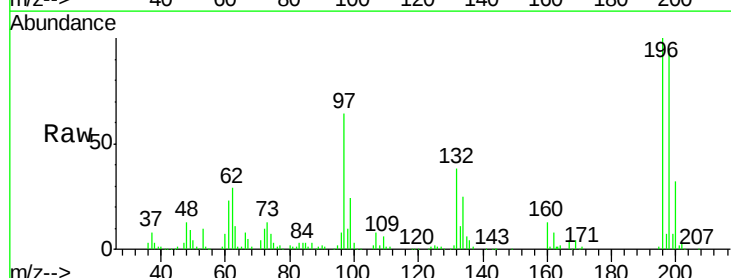
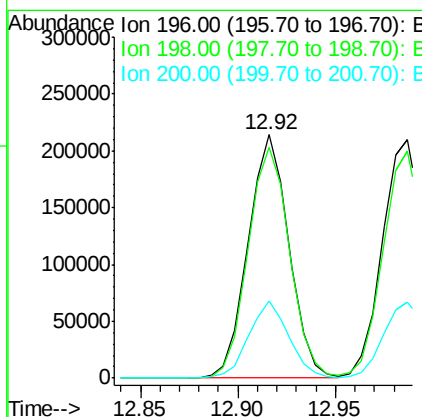
Manual Integrations
 APPROVED

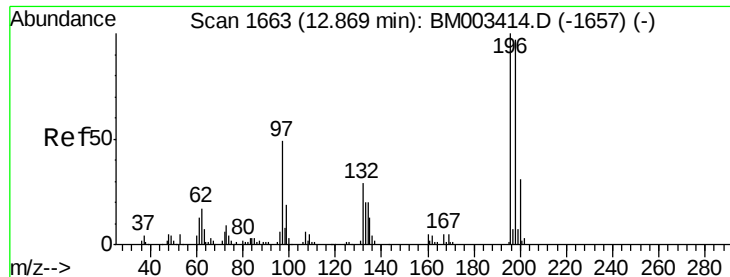
mohammad
 4/3/2017 11:49:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 49.86 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	76.3	114.5	
200	31.8	25.6	38.4	





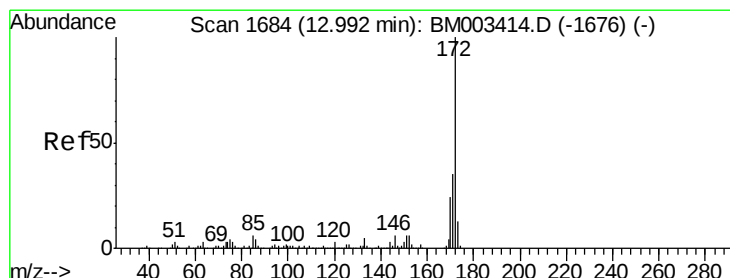
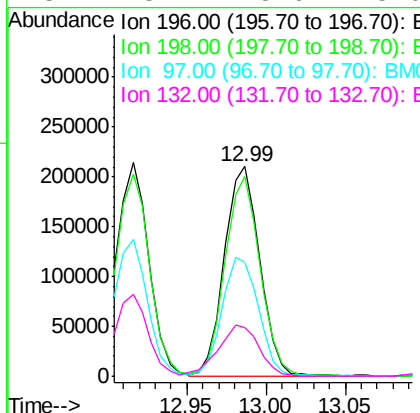
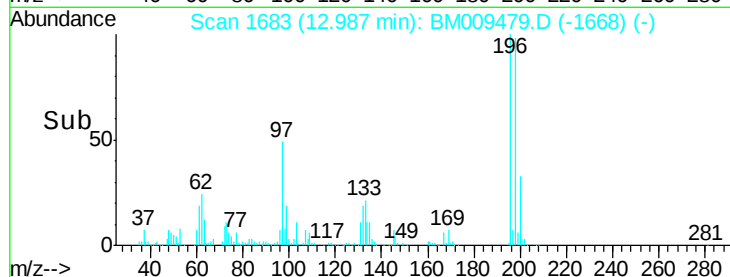
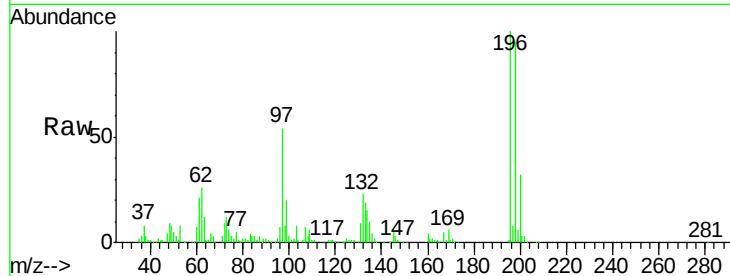
#43
2,4,5-Trichlorophenol
Concen: 46.55 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion:	196	Resp:	323349
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.4	119.0
97	54.2	26.8	40.2#
132	23.1	18.6	28.0

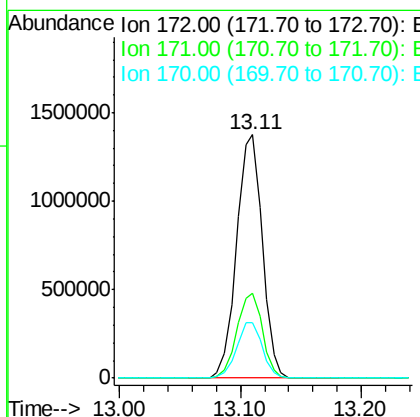
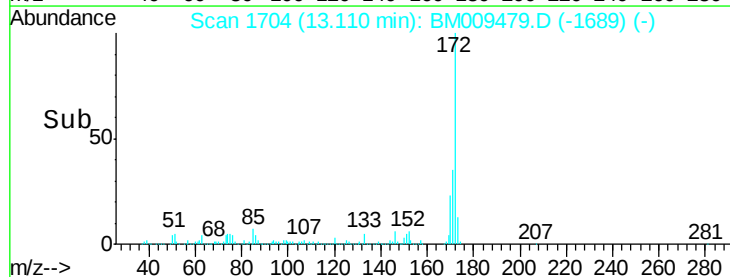
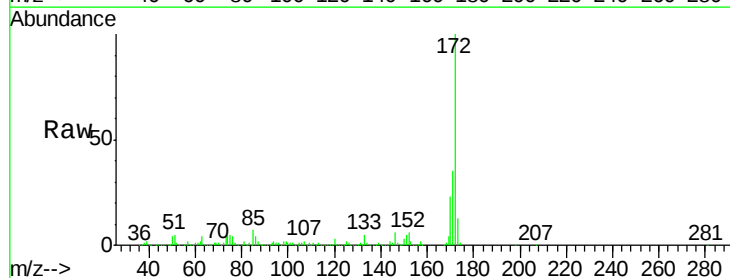
Manual Integrations
APPROVED

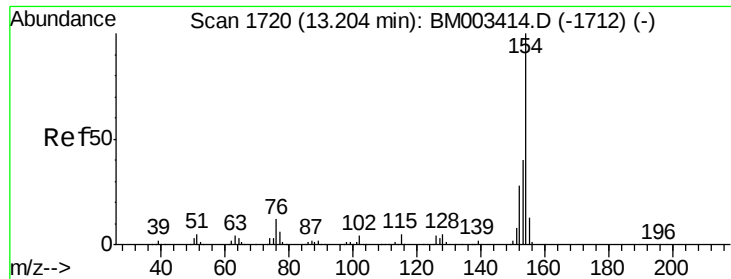
mohammad
4/3/2017 11:49:44 AM



#44
2-Fluorobiphenyl
Concen: 85.18 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion:	172	Resp:	2038935
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.5	42.7
170	22.9	18.8	28.2





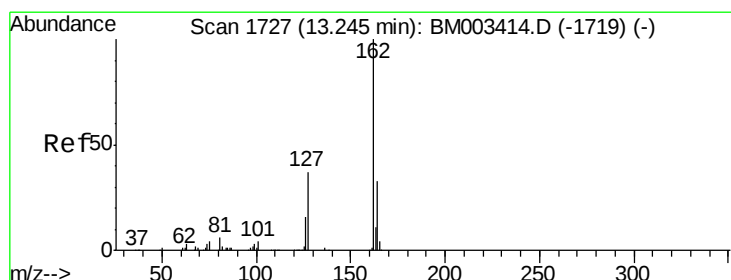
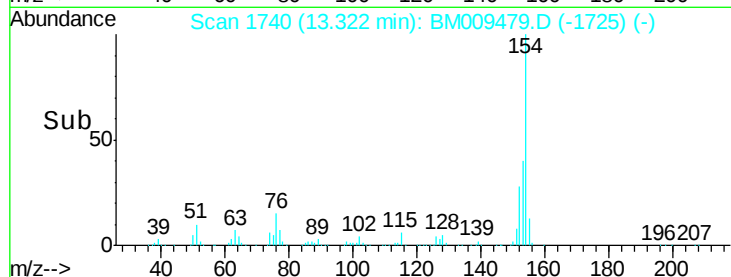
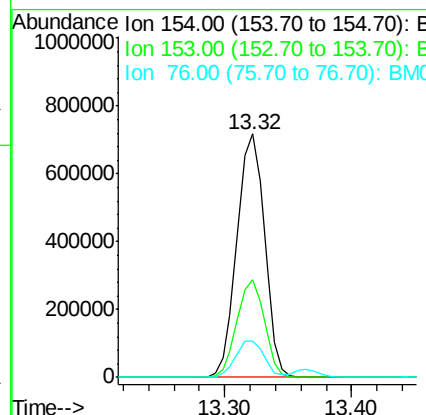
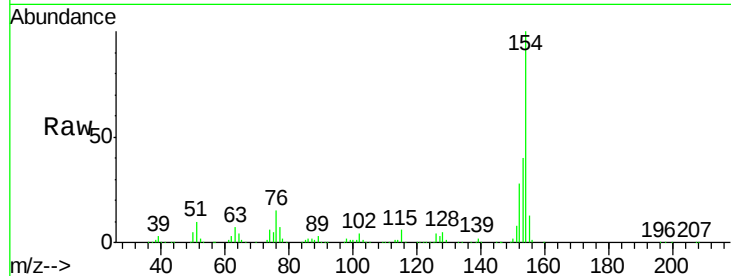
#45
1,1'-Biphenyl
Concen: 45.04 ng
RT: 13.32 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	14.8	0.0	30.9

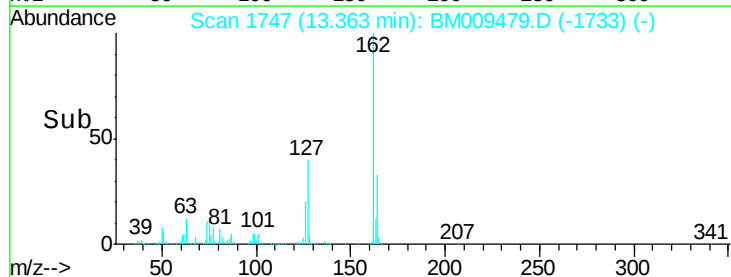
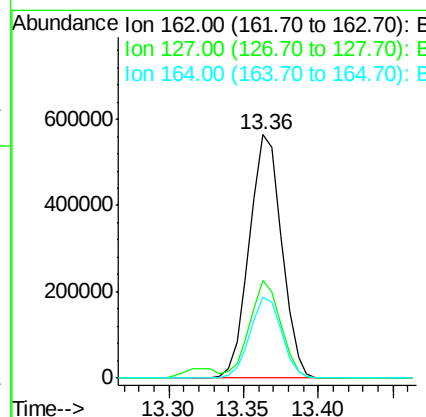
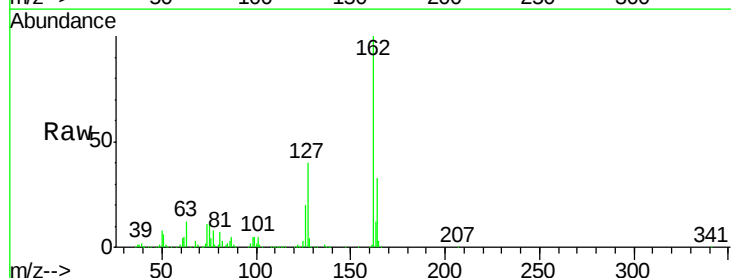
Manual Integrations
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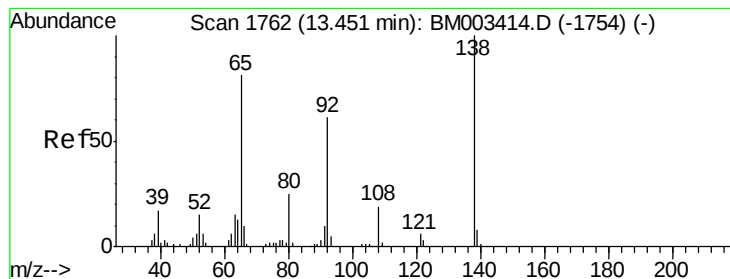
mohammad
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#46
2-Chloronaphthalene
Concen: 45.47 ng
RT: 13.36 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3
164	33.2	26.8	40.2





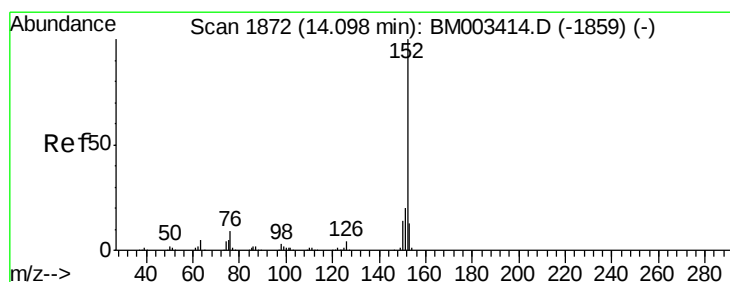
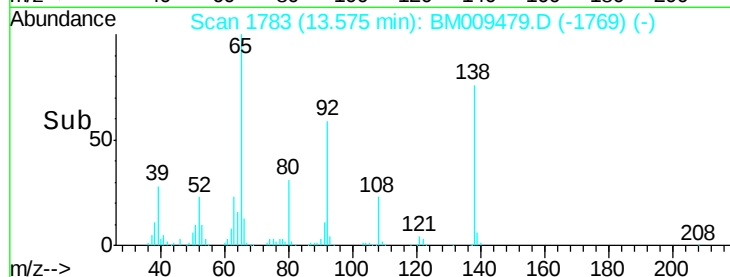
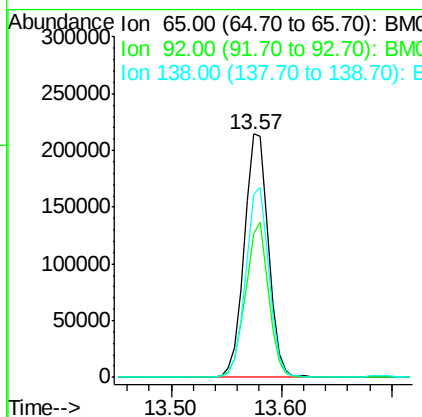
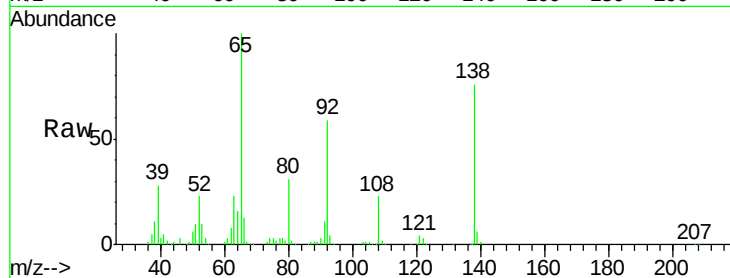
#47
2-Nitroaniline
Concen: 48.10 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		330413		
92	59.2	59.1	88.7		
138	75.6	93.9	140.9		

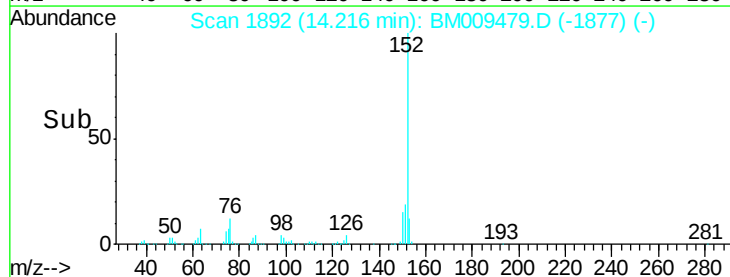
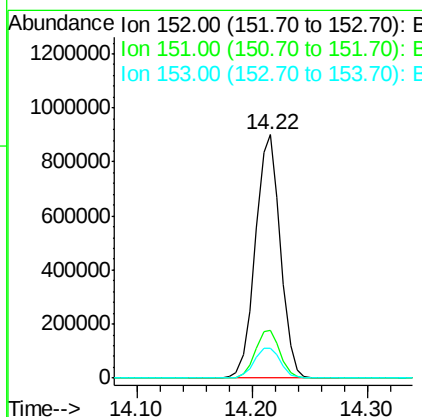
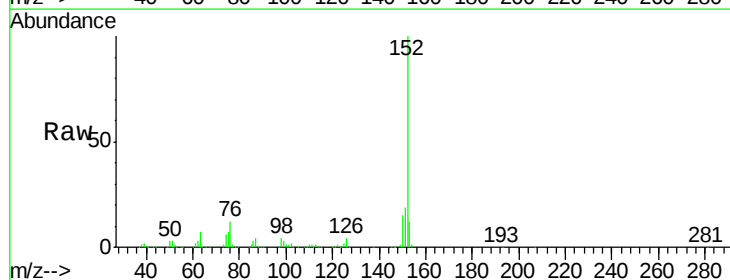
Manual Integrations
APPROVED

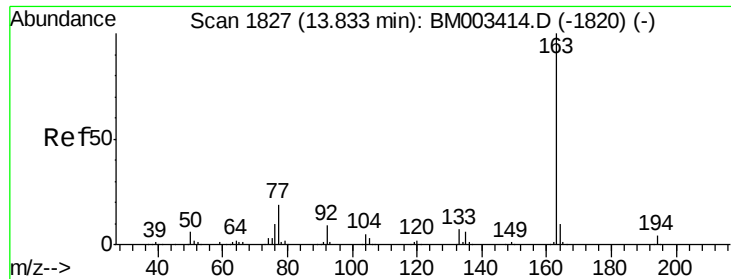
mohammad
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#48
Acenaphthylene
Concen: 44.61 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		1354699		
151	19.5	15.9	23.9		
153	12.0	10.6	16.0		





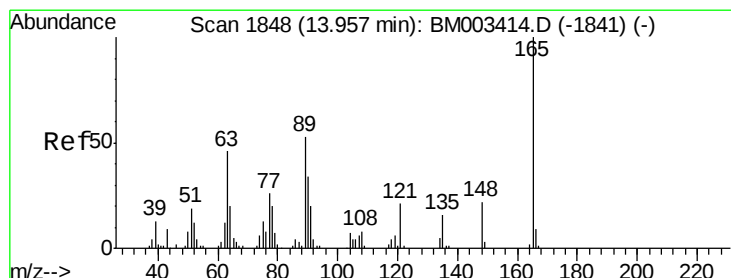
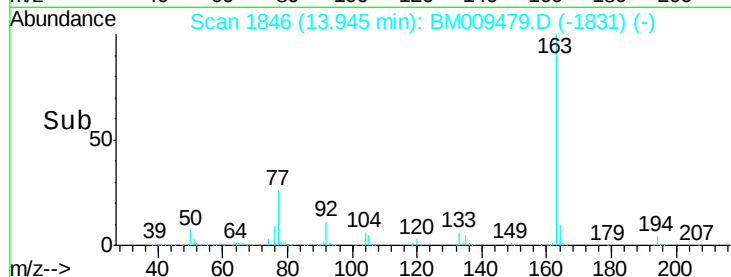
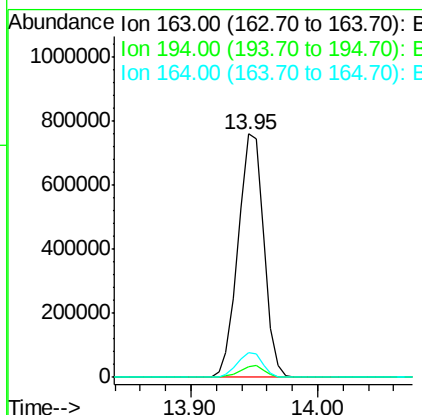
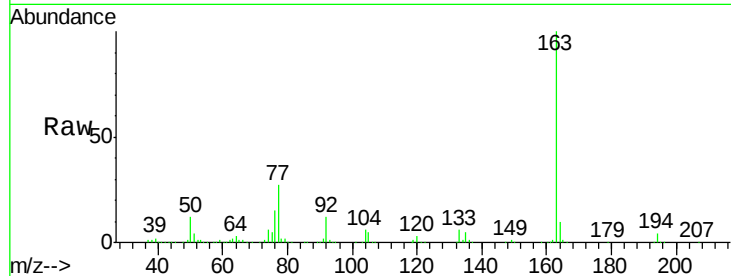
#49
Dimethylphthalate
Concen: 47.92 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion:163 Resp: 1061269
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.2 8.2 12.2

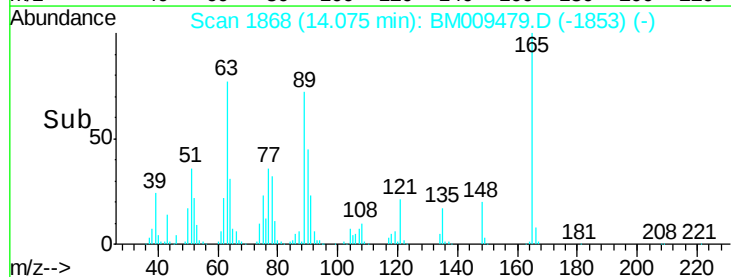
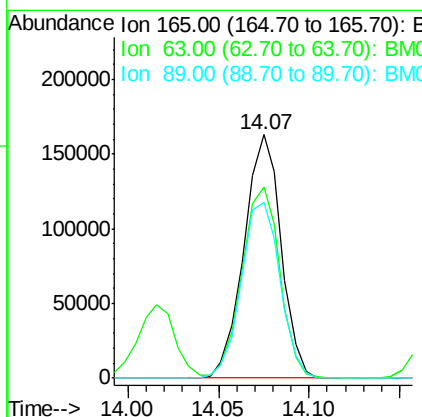
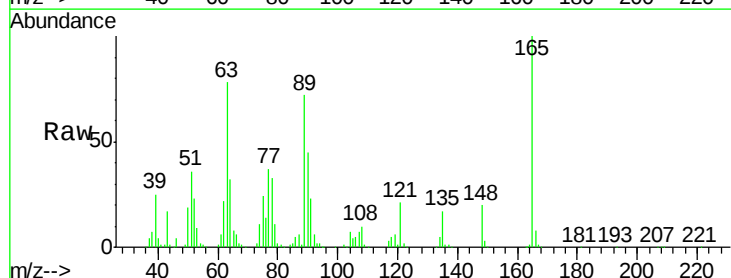
Manual Integrations
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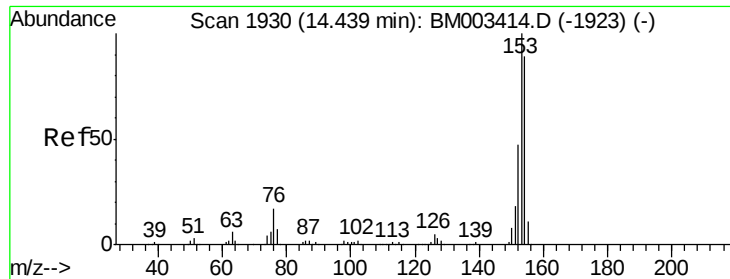
mohammad
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#50
2,6-Dinitrotoluene
Concen: 48.45 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion:165 Resp: 231203
Ion Ratio Lower Upper
165 100
63 78.3 44.1 66.1#
89 72.1 44.3 66.5#





#51

Acenaphthene

Concen: 44.96 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

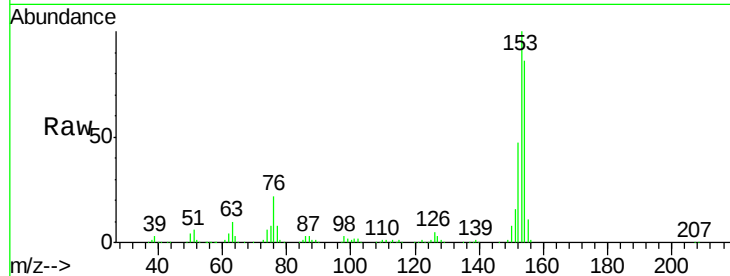
ClientSampleId :

PB97950BSD

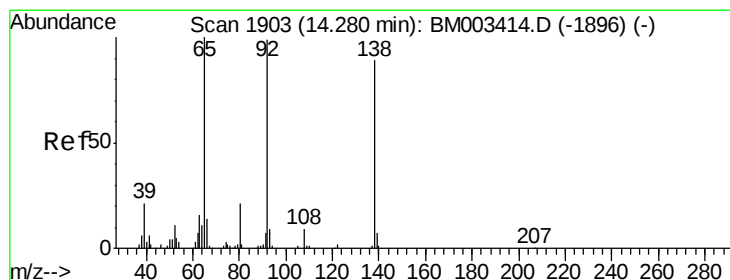
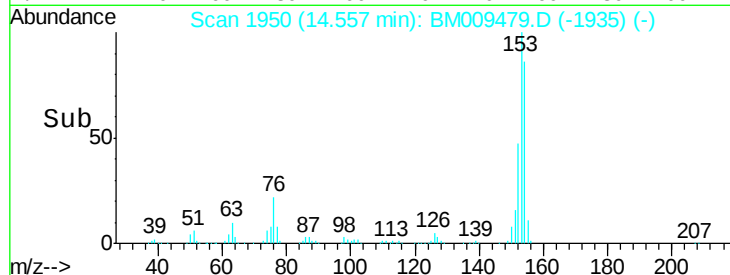
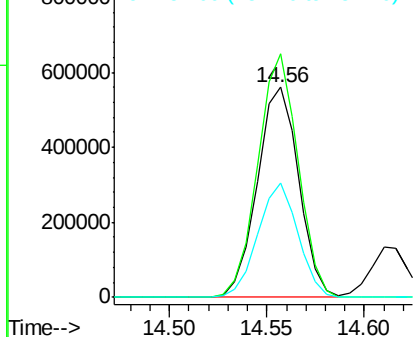
Tot Ion:	154	Resp:	823846
Ion Ratio	Lower	Upper	
154	100		
153	115.8	90.0	135.0
152	54.5	42.6	63.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.09 ng

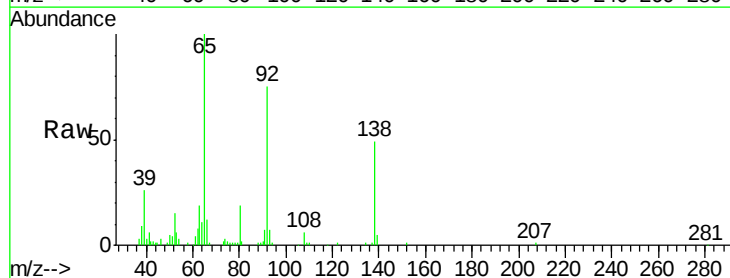
RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

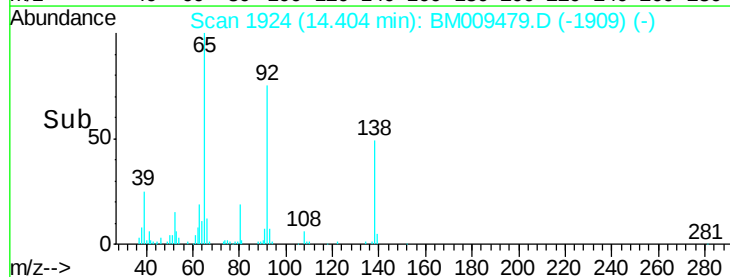
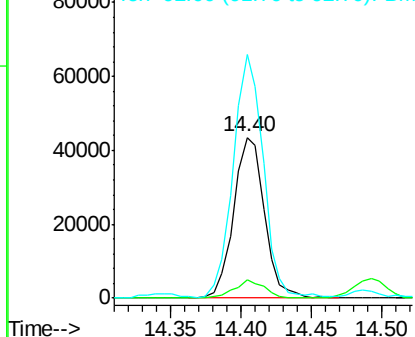
Lab File: BM009479.D

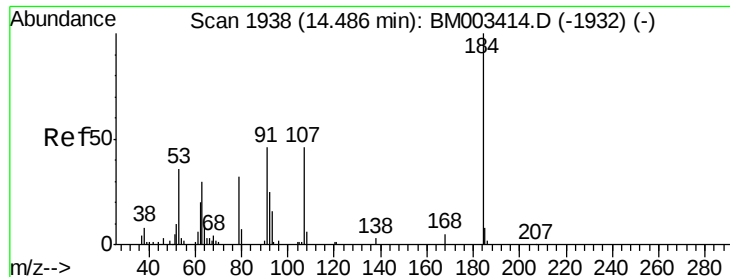
Acq: 31 Mar 2017 18:23

Tgt Ion:	138	Resp:	66231
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.3	10.9#
92	151.5	76.6	114.8#



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





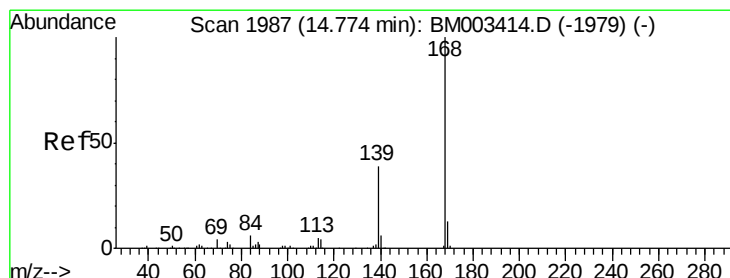
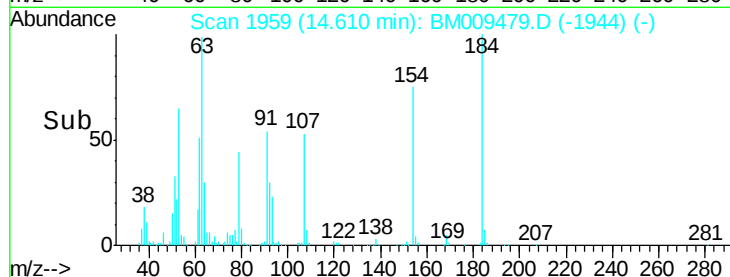
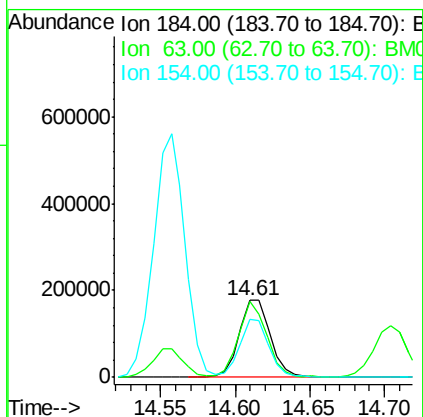
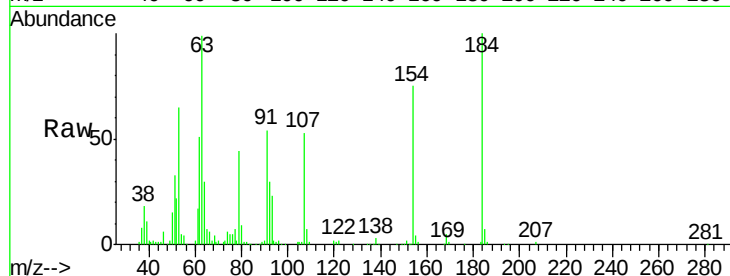
#53
2,4-Dinitrophenol
Concen: 79.85 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	256940		
63	98.6	69.2	103.8	
154	75.2	53.3	79.9	

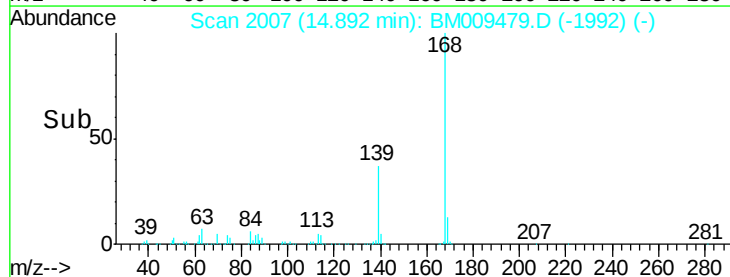
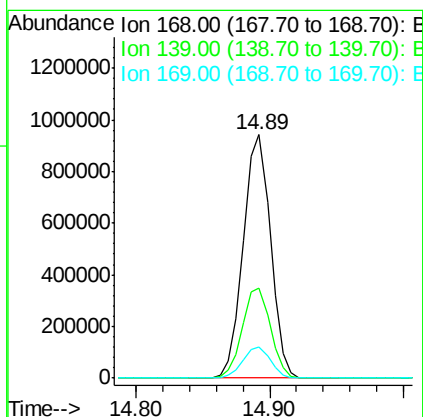
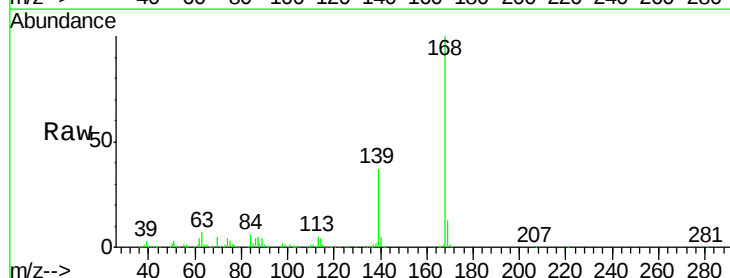
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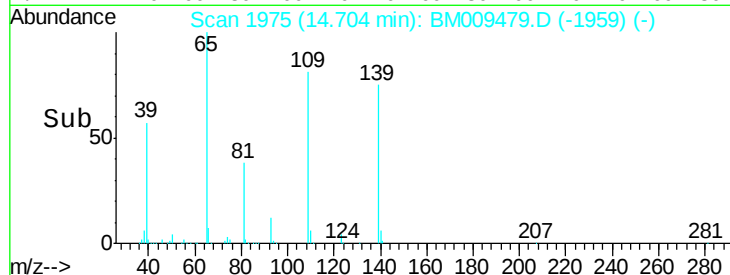
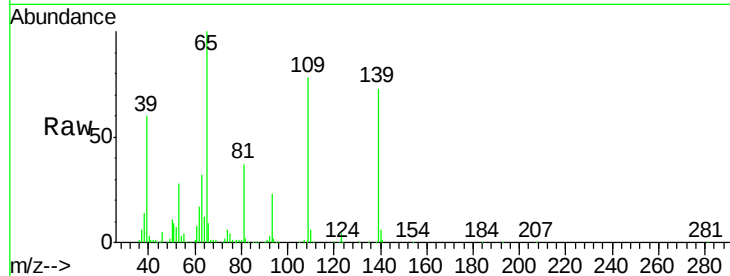
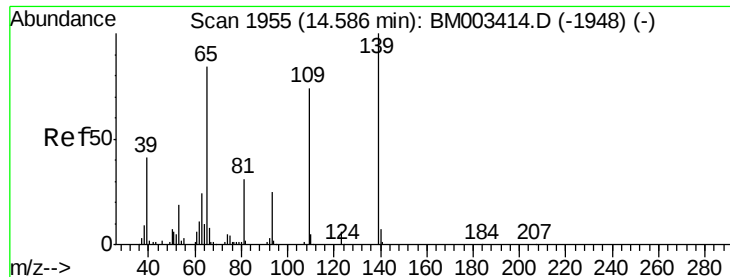
mohammad
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#54
Dibenzofuran
Concen: 49.07 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1329518		
139	37.1	27.3	40.9	
169	12.6	10.6	16.0	





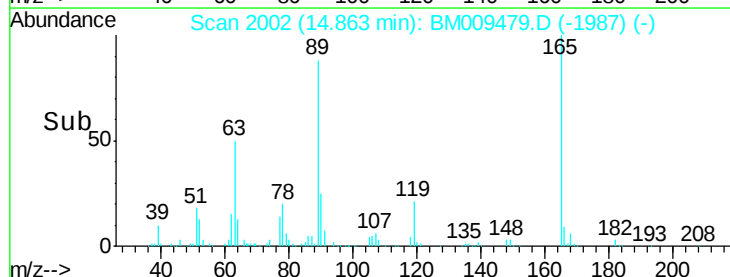
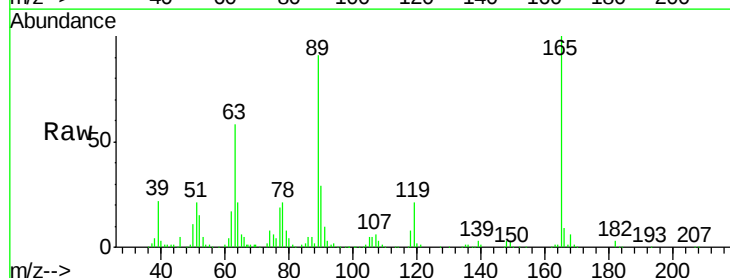
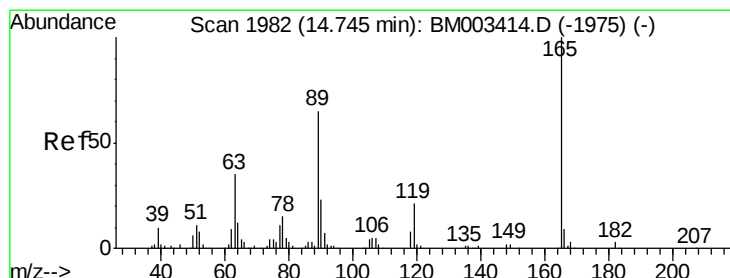
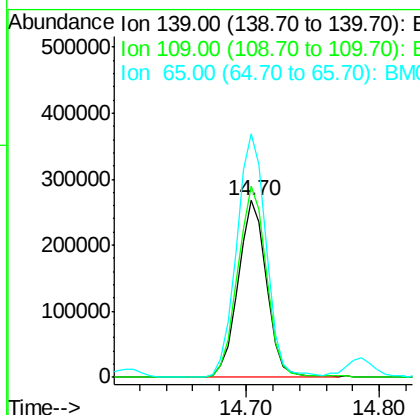
#55
4-Nitrophenol
Concen: 101.56 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.8	37.7	77.7#	
65	137.6	49.9	89.9#	

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

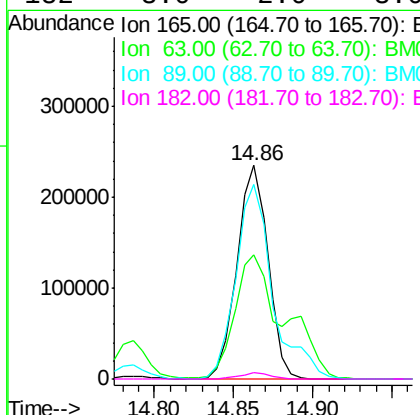
Manual Integrations
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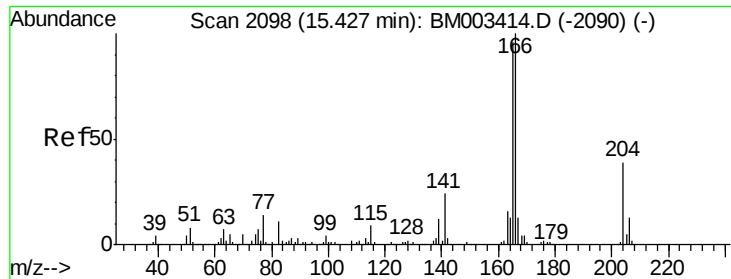
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#56
2,4-Dinitrotoluene
Concen: 49.48 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	52.4	78.6	
89	91.3	72.4	108.6	
182	3.0	2.0	3.0#	





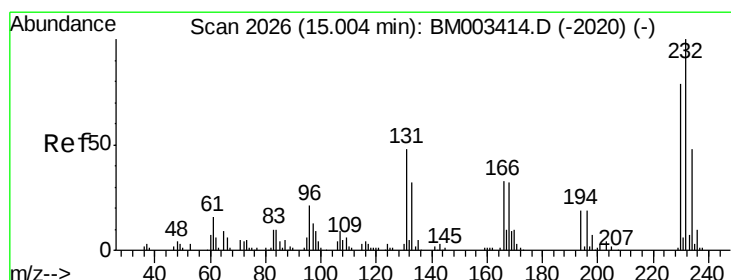
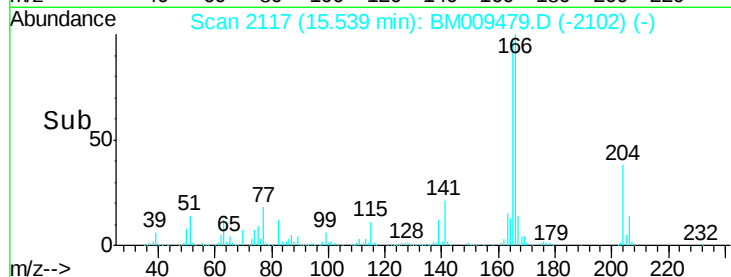
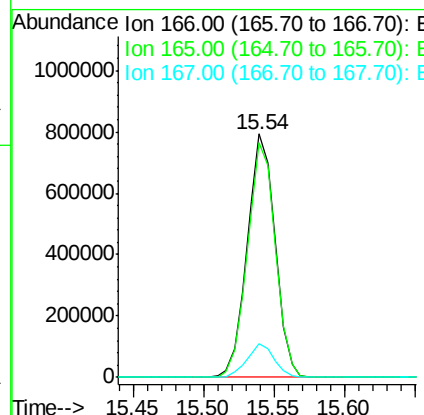
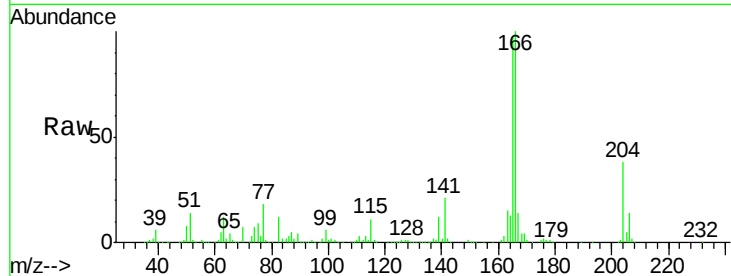
#57
 Fluorene
 Concen: 44.97 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.4
167	13.6	10.3	15.5

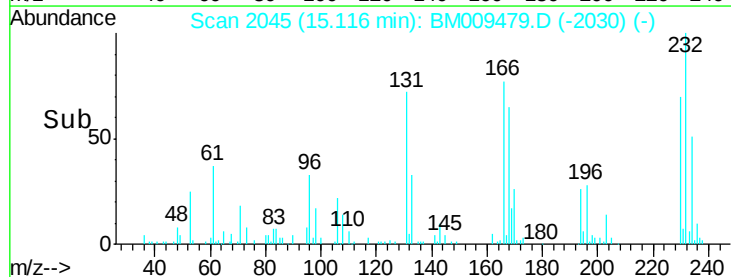
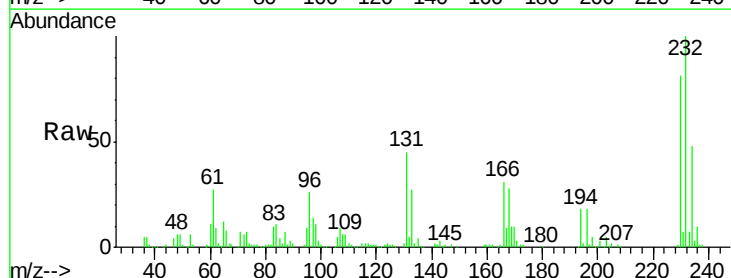
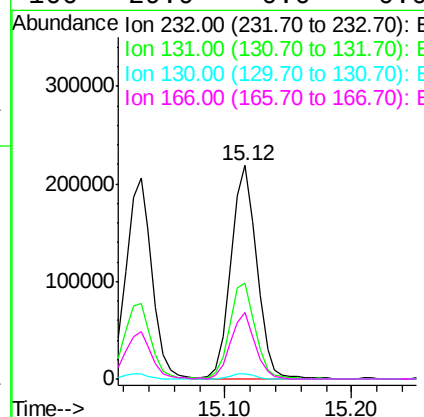
Manual Integrations
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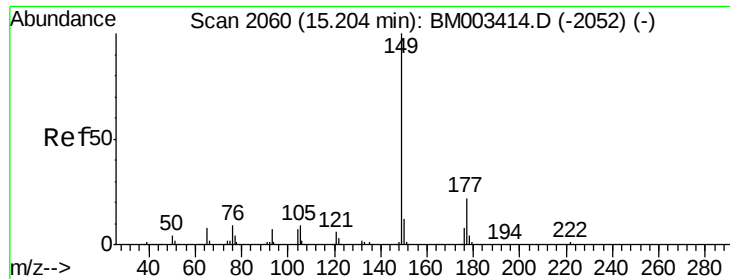
mohammad
 4/3/2017 11:49:44 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.80 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	0.0	0.0#
130	2.5	0.0	0.0#
166	29.9	0.0	0.0#





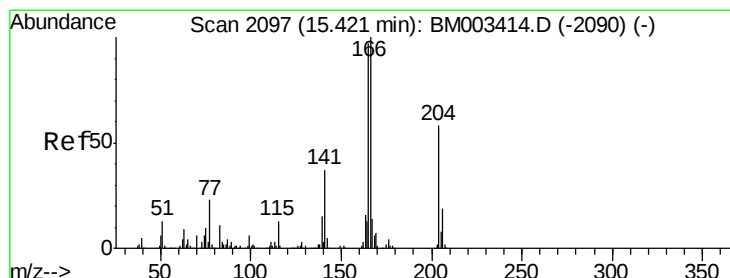
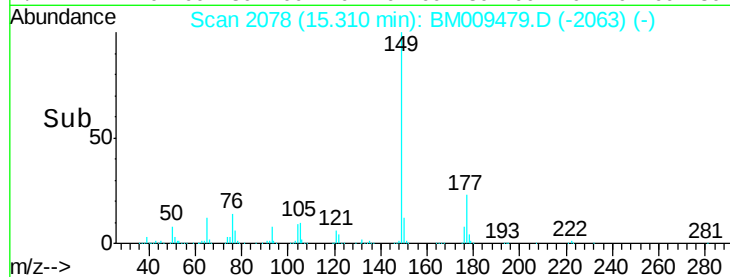
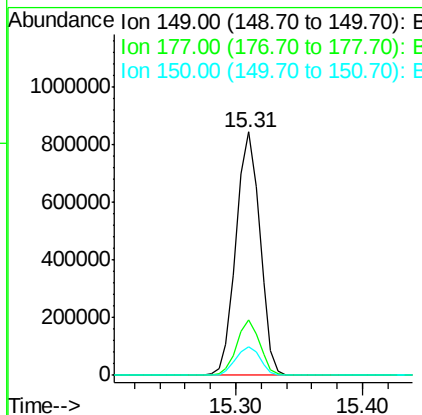
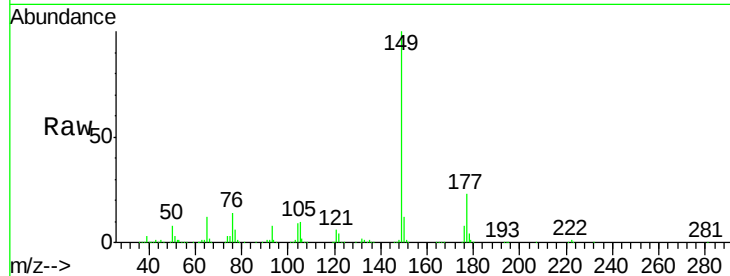
#59
Diethylphthalate
Concen: 48.81 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	11.9	9.8	14.8

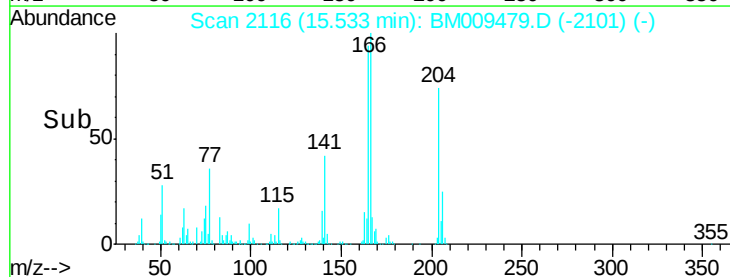
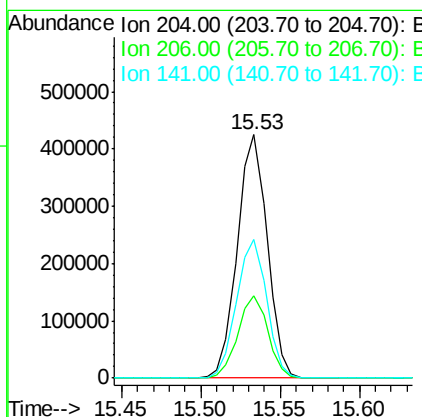
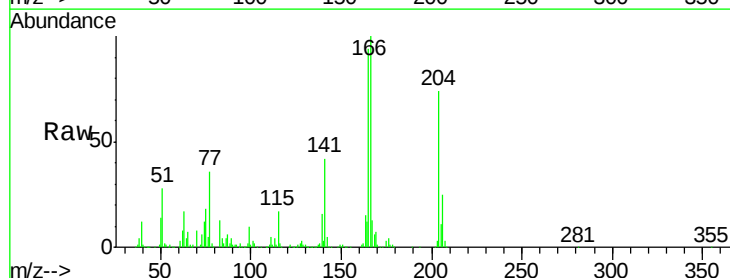
Manual Integrations
APPROVED

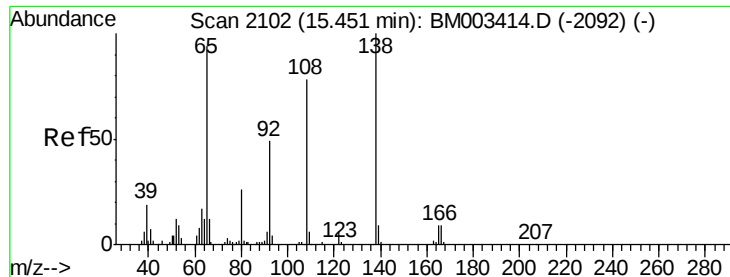
mohammad
4/3/2017 11:49:44 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.71 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	57.1	45.2	67.8





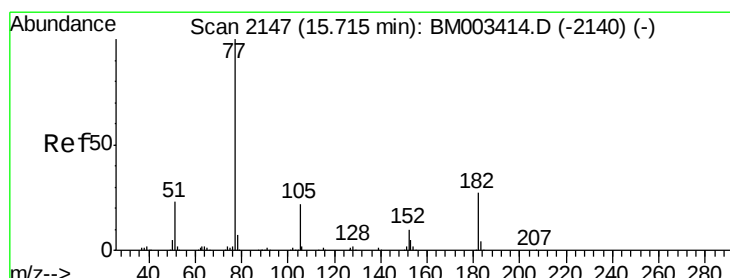
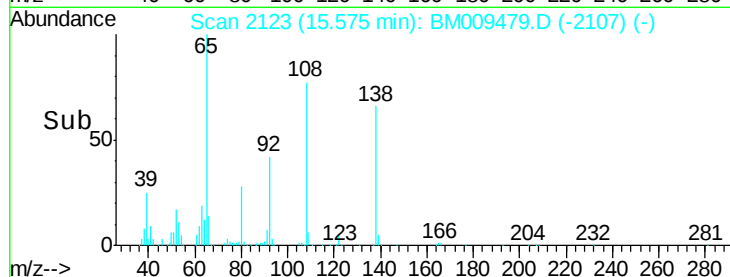
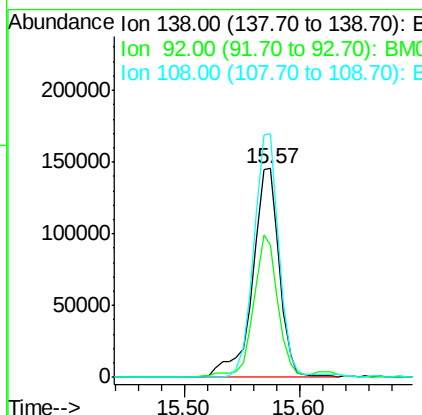
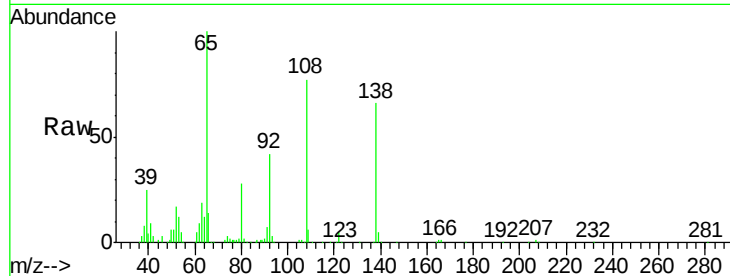
#61
4-Nitroaniline
Concen: 46.17 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.4	16.7	56.7#
108	116.6	37.6	77.6#

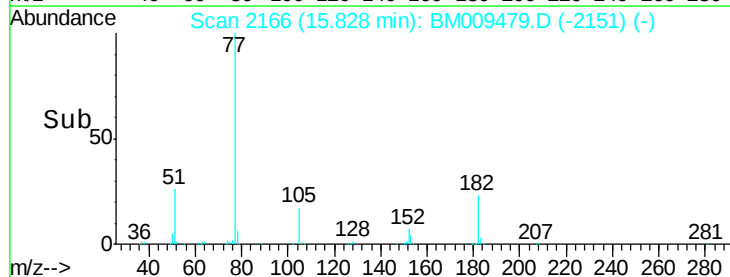
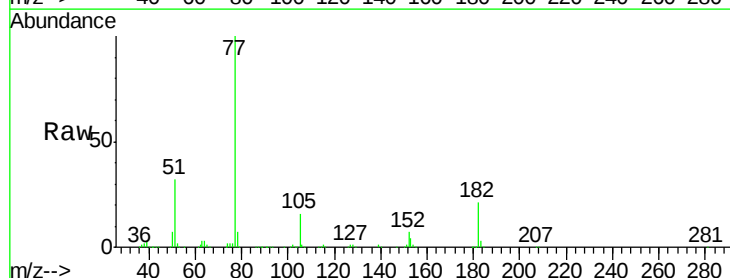
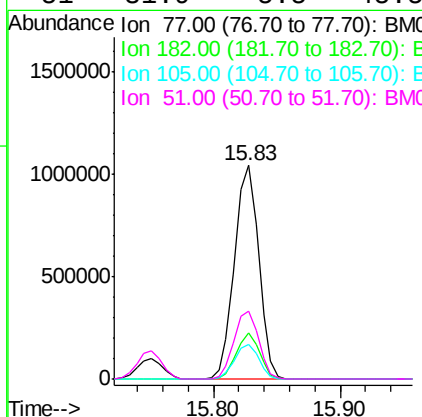
Manual Integrations
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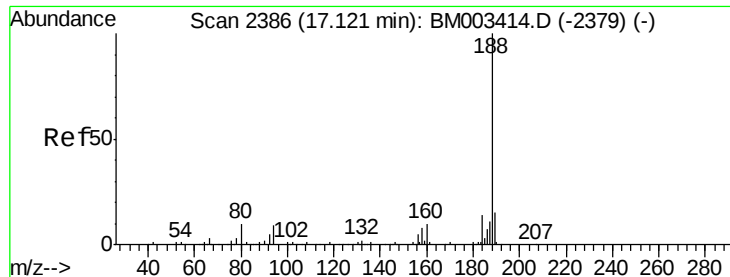
mohammad
4/3/2017 11:49:44 AM



#62
Azobenzene
Concen: 52.43 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	6.5	46.5
105	15.9	3.8	43.8
51	31.9	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: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

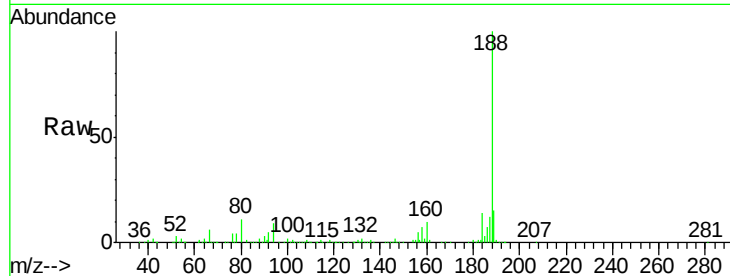
ClientSampleId :

PB97950BSD

Tot Ion:188	Resp: 659929
Ion Ratio	Lower Upper
188 100	
94 9.3	8.7 13.1
80 10.7	9.3 13.9

Manual Integrations
APPROVED

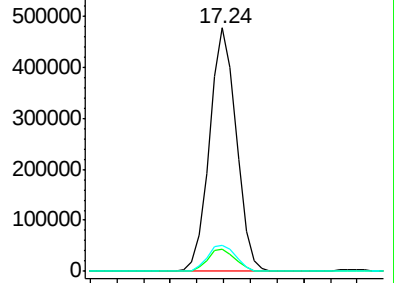
mohammad
4/3/2017 11:49:44 AM



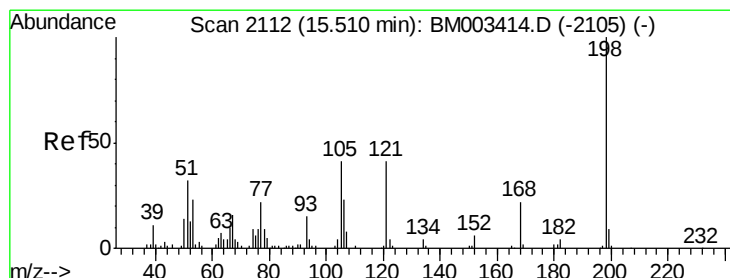
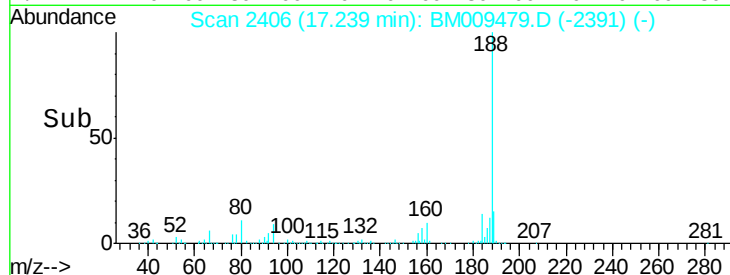
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.90 ng

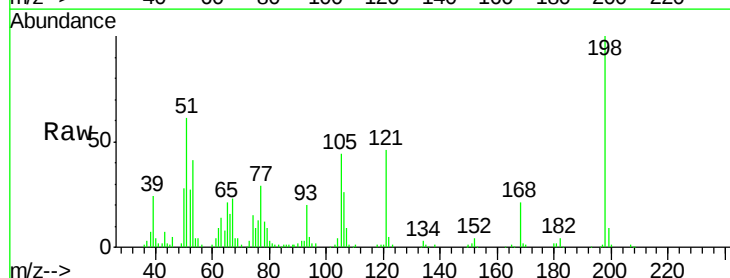
RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

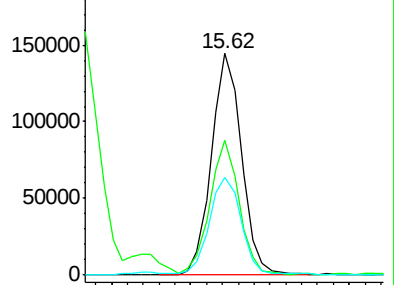
Tgt Ion:198	Resp: 190820
Ion Ratio	Lower Upper
198 100	
51 60.8	28.8 68.8
105 44.3	30.5 70.5



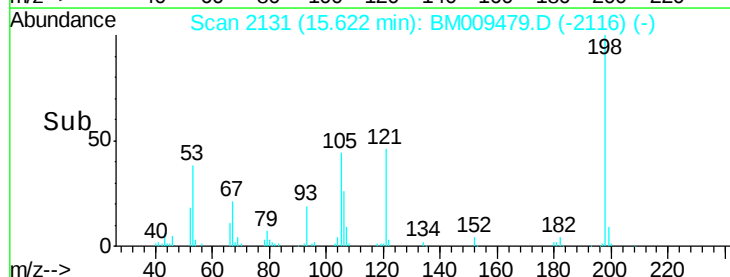
Abundance Ion 198.00 (197.70 to 198.70): E

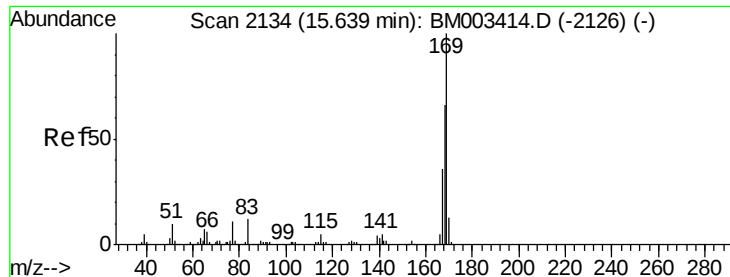
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->





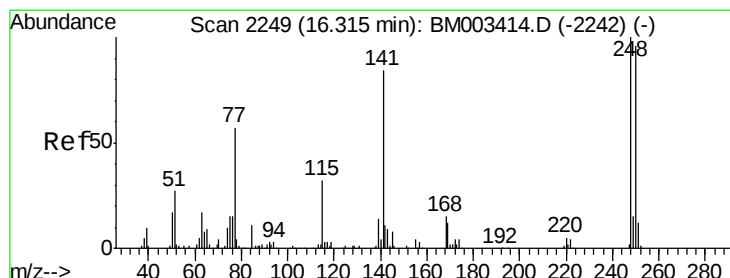
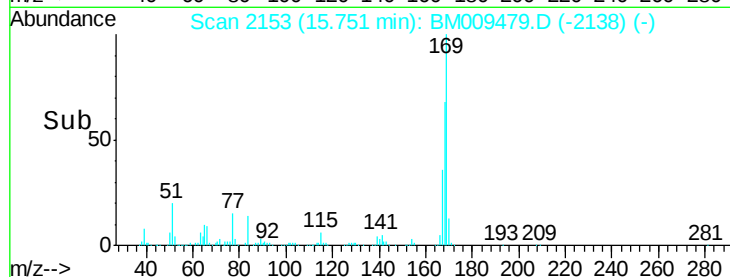
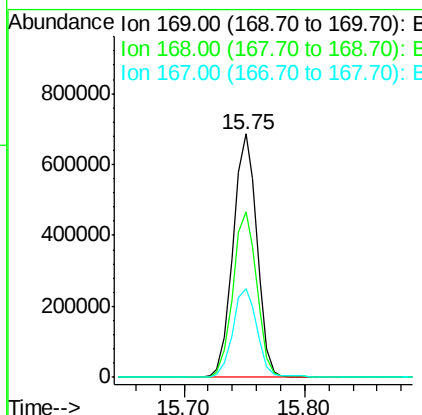
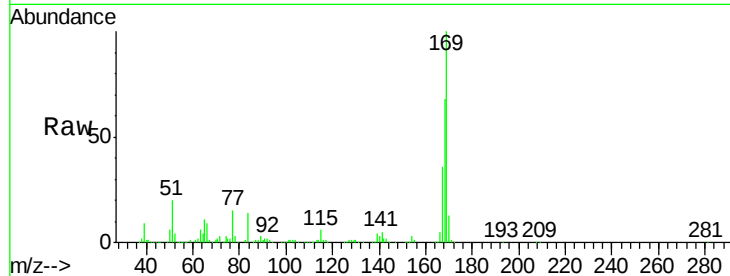
#65
 n-Nitrosodiphenylamine
 Concen: 47.25 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	947254		
168	67.9		53.9	80.9
167	36.2		28.9	43.3

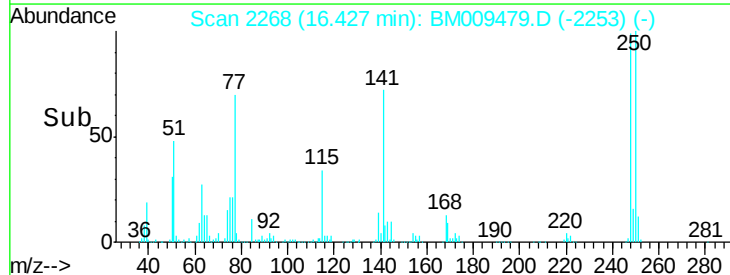
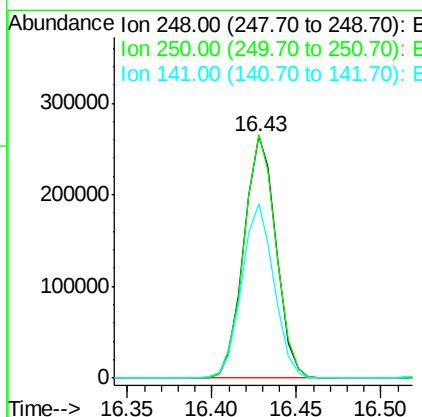
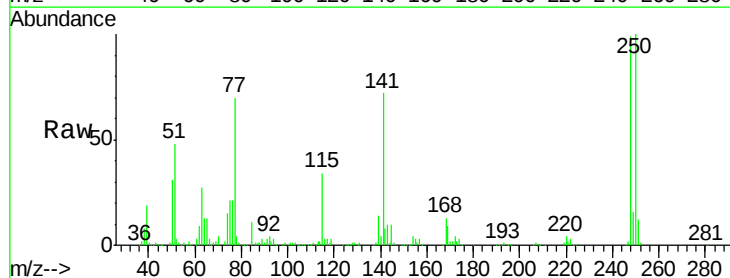
Manual Integrations
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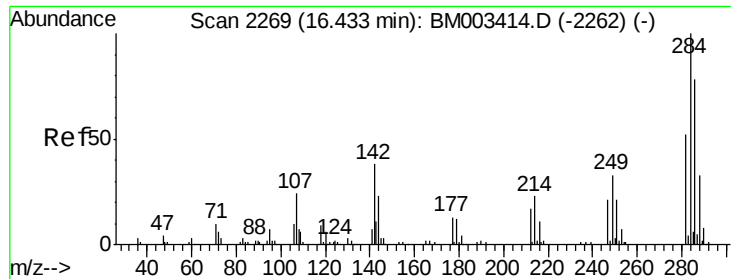
mohammad
 4/3/2017 11:49:44 AM



#66
 4-Bromophenyl-phenylether
 Concen: 45.72 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	349543		
250	100.5		77.4	116.0
141	72.2		45.2	67.8#





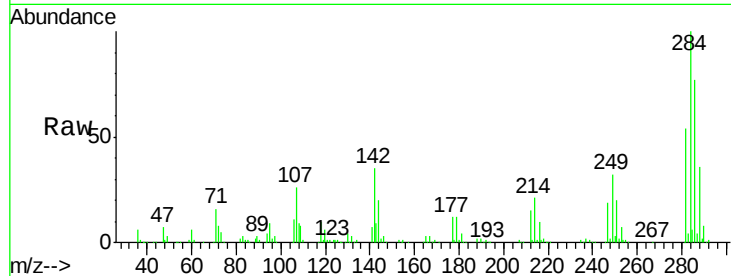
#67
Hexachlorobenzene
Concen: 45.92 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

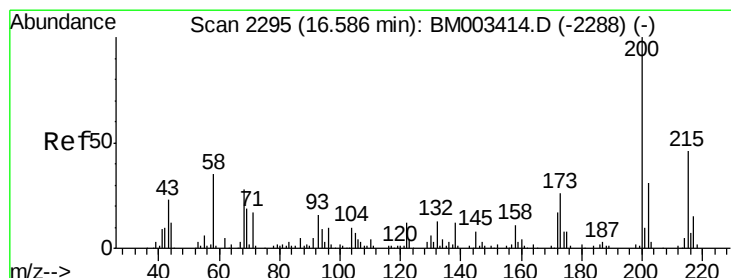
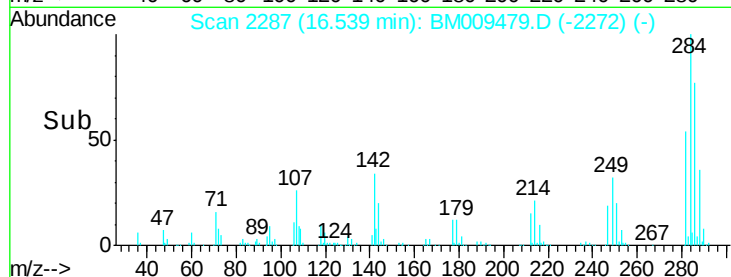
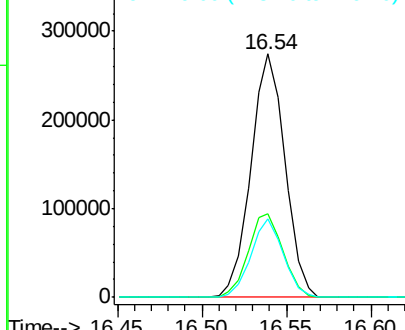
Tot Ion	Ratio	Resp	Lower	Upper
284	100	384874		
142	34.5	20.4	30.6	
249	32.2	23.8	35.6	

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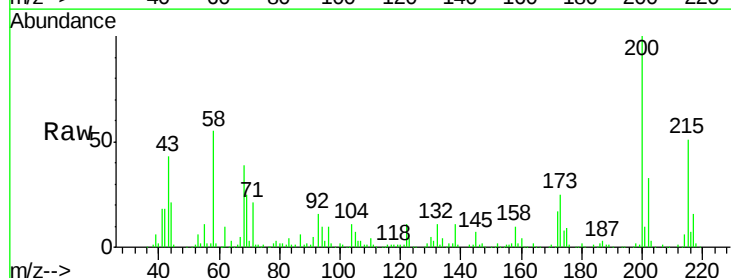


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

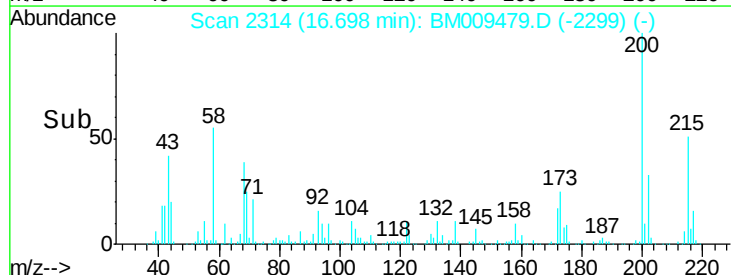
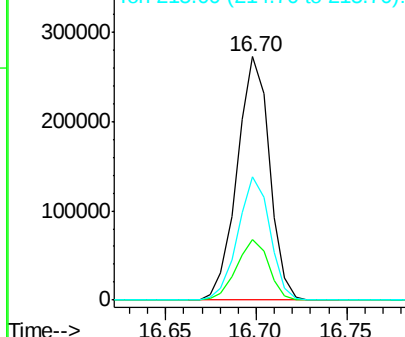


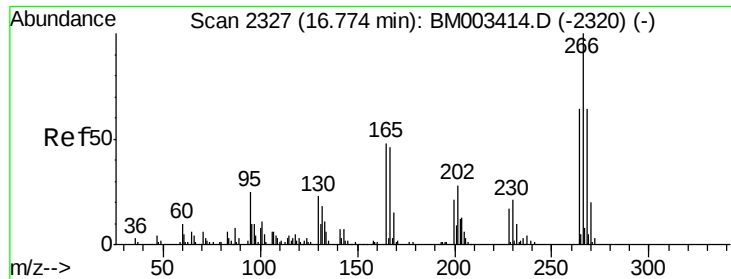
#68
Atrazine
Concen: 44.91 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	338578		
173	25.0	4.8	44.8	
215	50.6	26.9	66.9	



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





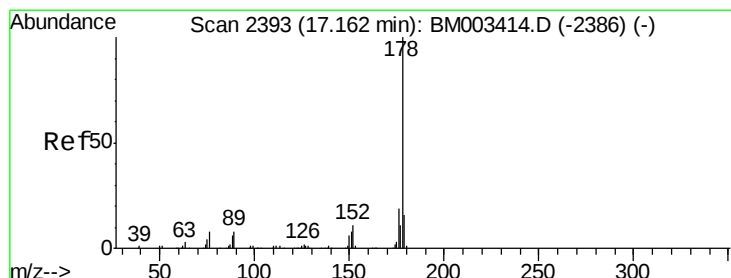
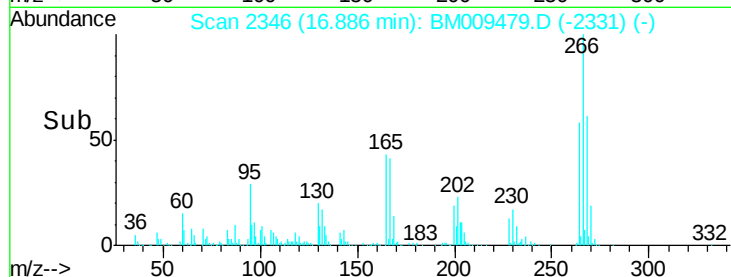
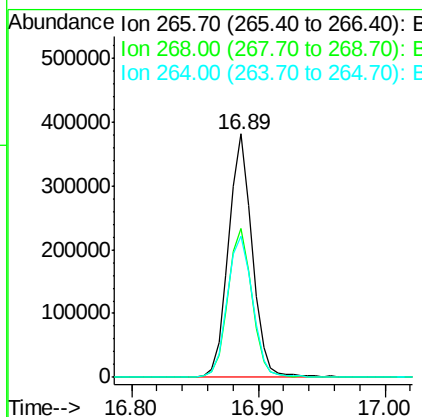
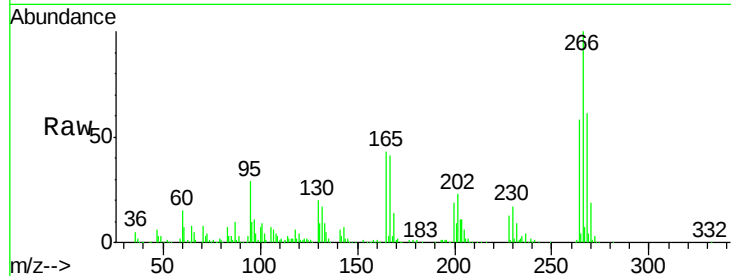
#69
 Pentachlorophenol
 Concen: 96.19 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	52.0	78.0
264	57.9	49.0	73.4

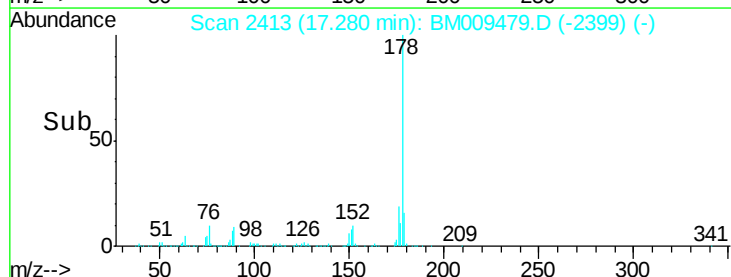
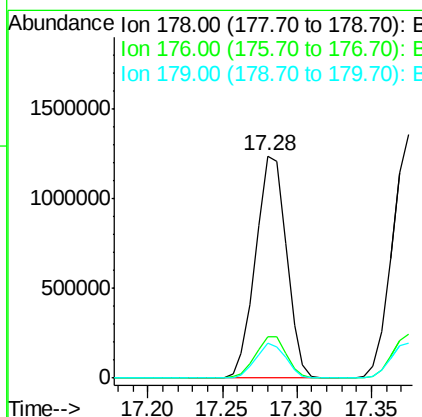
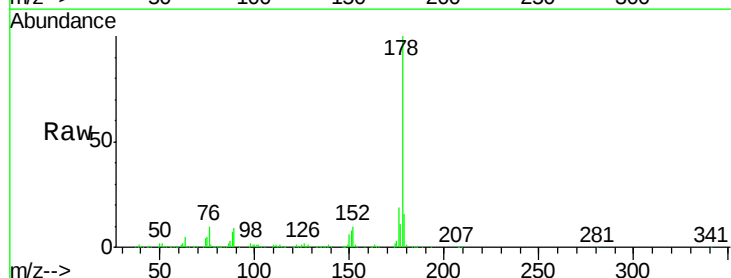
Manual Integrations
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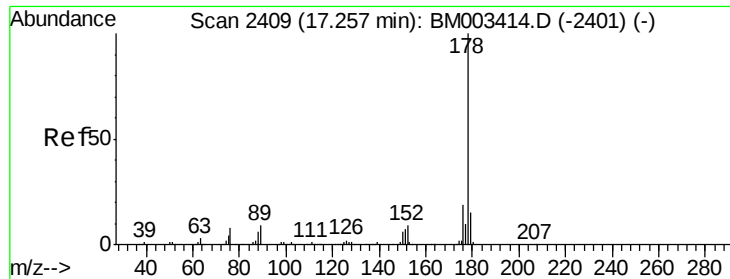
mohammad
 4/3/2017 11:49:44 AM



#70
 Phenanthrene
 Concen: 46.76 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.5	12.1	18.1





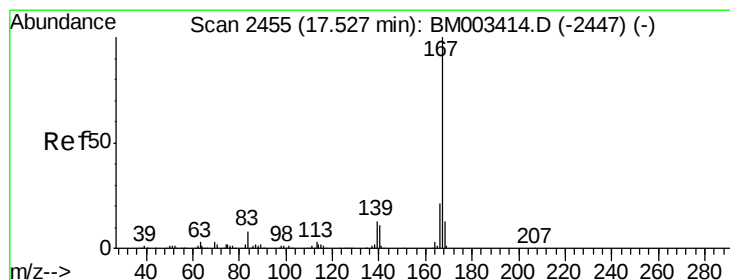
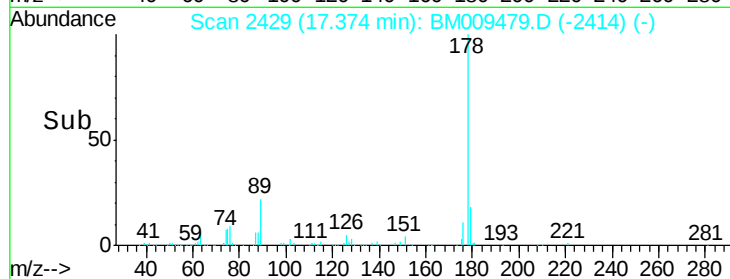
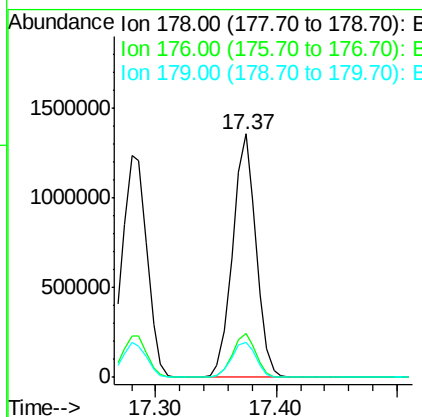
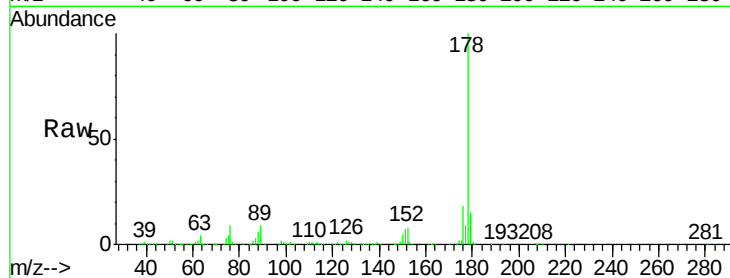
#71
 Anthracene
 Concen: 47.57 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.6	12.6	19.0

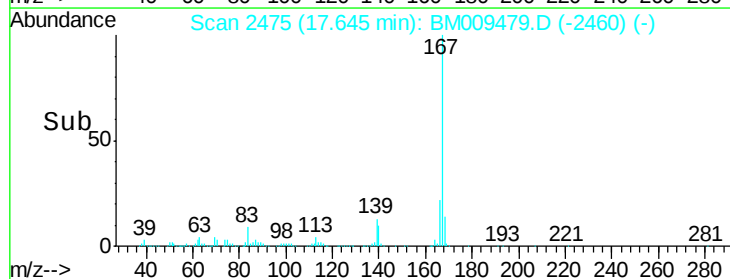
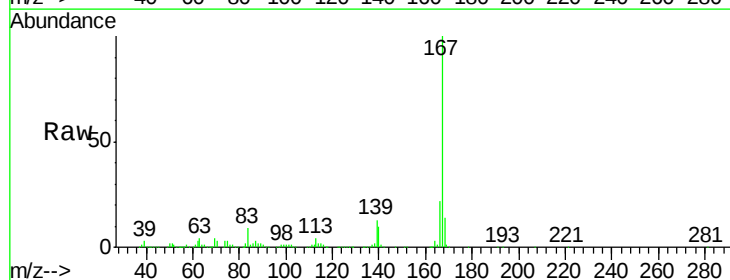
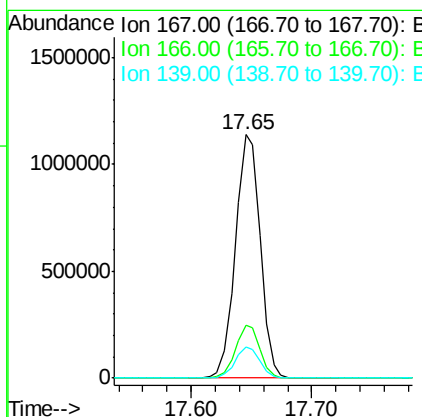
Manual Integrations
 APPROVED

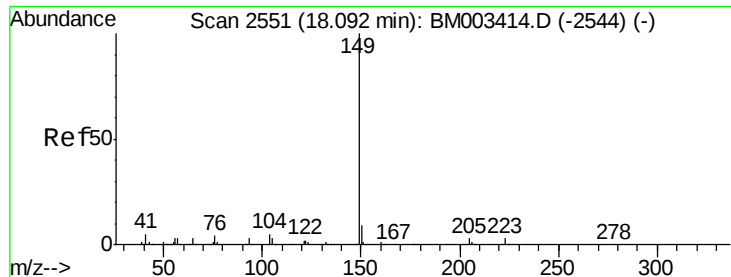
mohammad
 4/3/2017 11:49:44 AM



#72
 Carbazole
 Concen: 44.54 ng
 RT: 17.65 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.7	10.8	16.2





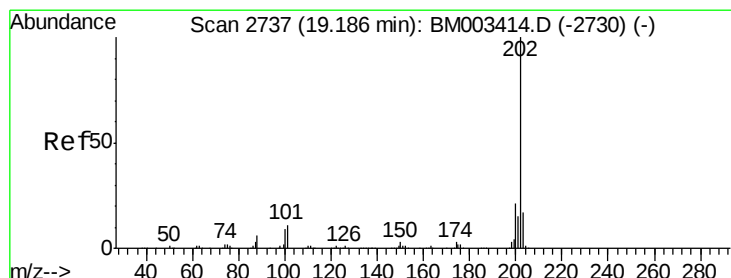
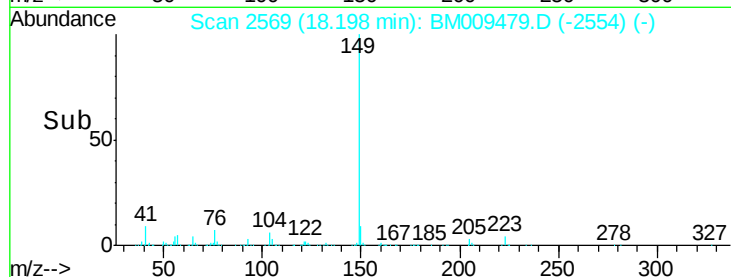
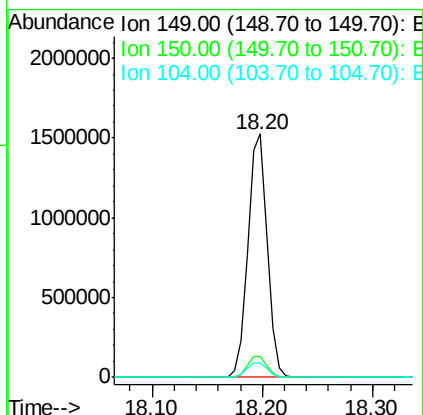
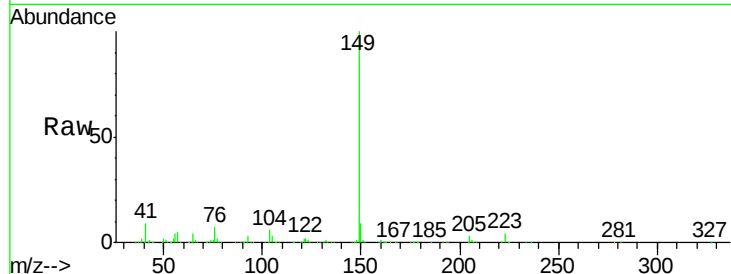
#73
Di-n-butylphthalate
Concen: 50.04 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.1	3.7	5.5

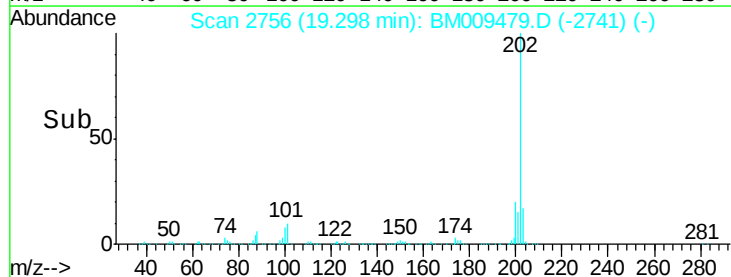
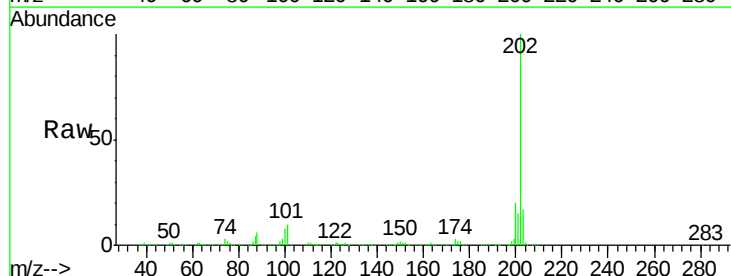
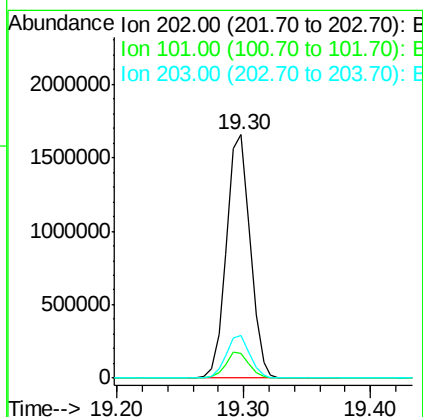
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APPROVED

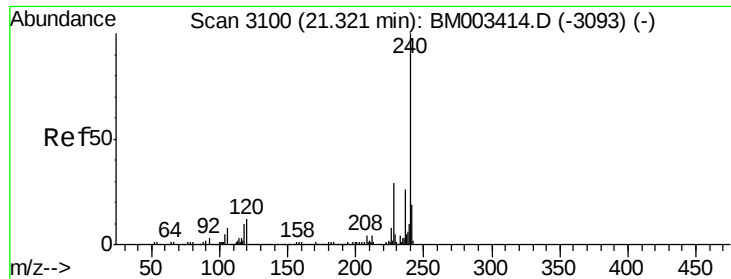
mohammad
4/3/2017 11:49:44 AM



#74
Fluoranthene
Concen: 47.95 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.7
203	17.4	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: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

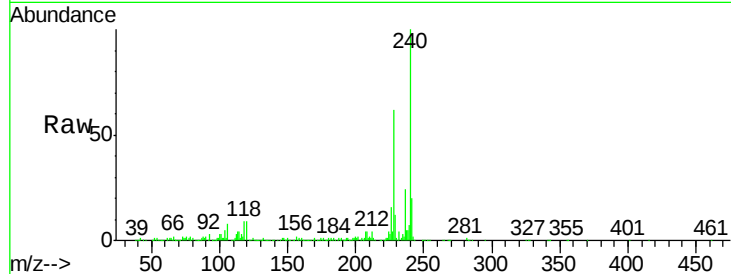
ClientSampleId :

PB97950BSD

Tot Ion:	240	Resp:	910378
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.2	12.2
236	24.3	20.0	30.0

Manual Integrations
APPROVED

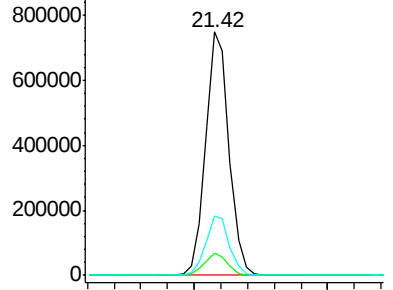
mohammad
4/3/2017 11:49:44 AM



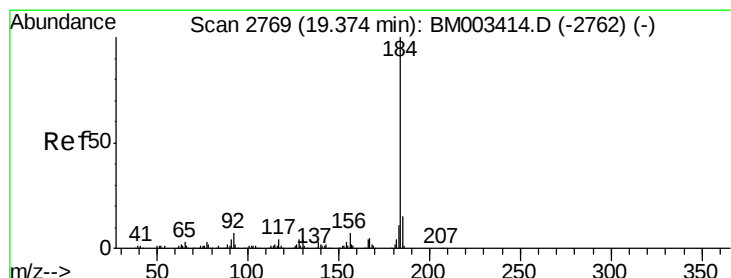
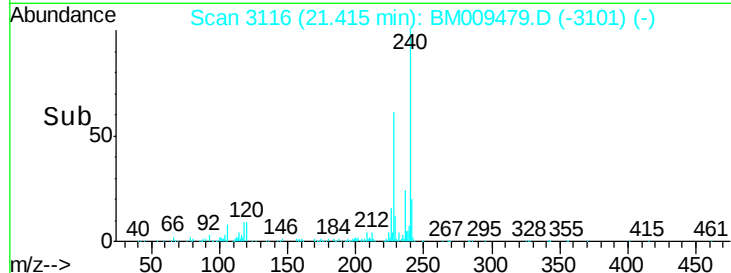
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 18.78 ng

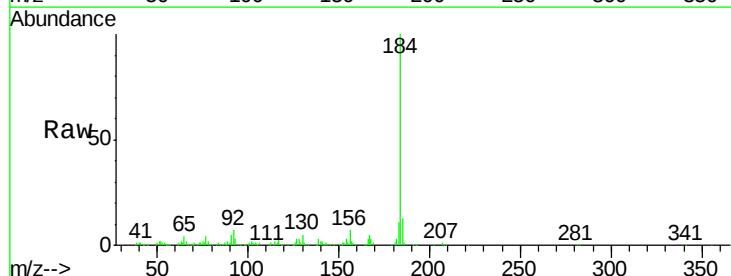
RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

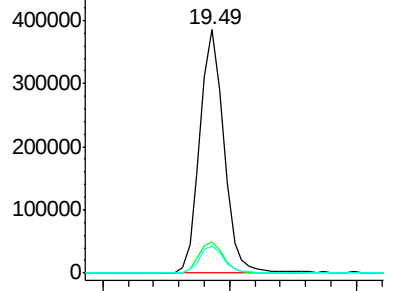
Tgt Ion:	184	Resp:	509564
Ion Ratio	Lower	Upper	
184	100		
185	12.7	11.3	16.9
183	11.2	8.9	13.3



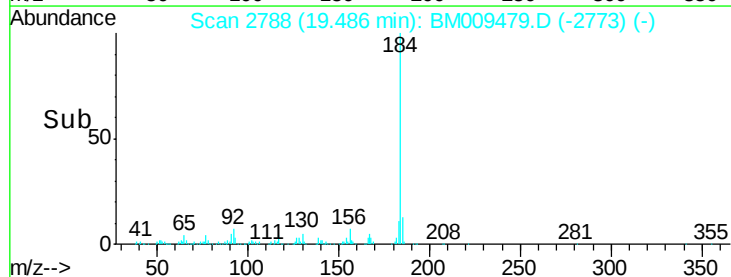
Abundance Ion 184.00 (183.70 to 184.70): E

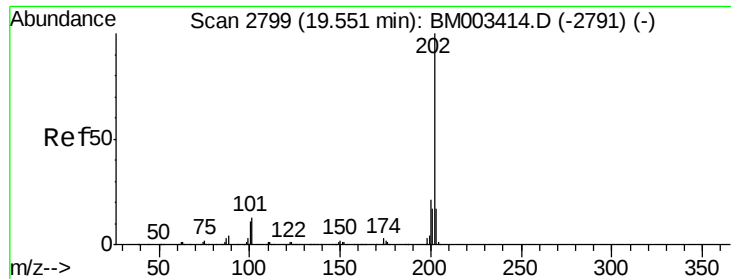
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





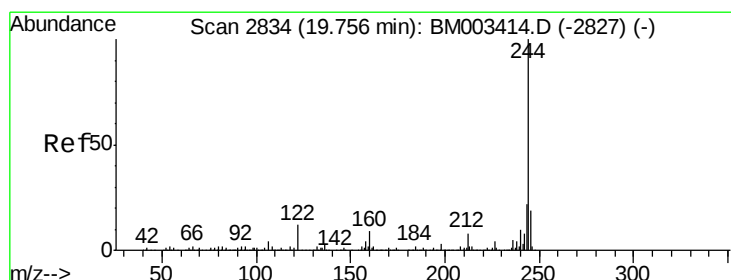
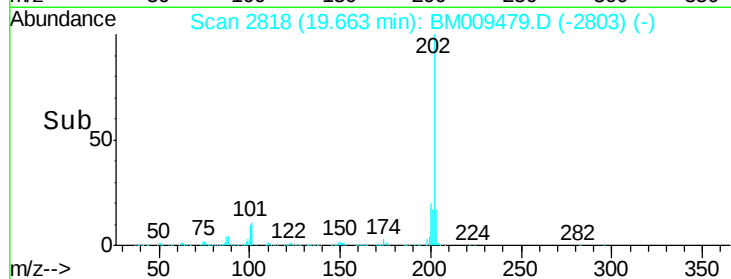
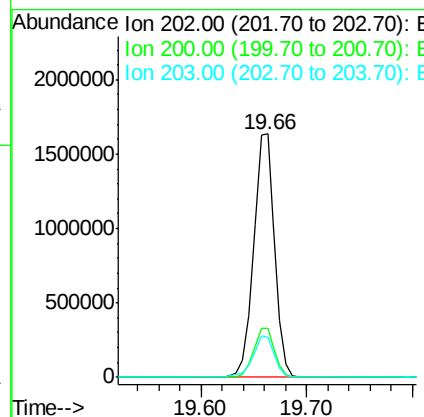
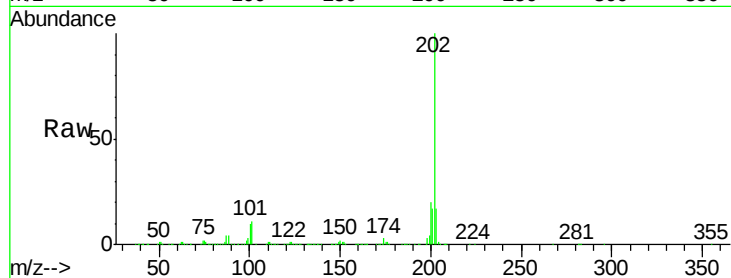
#77
Pvrene
Concen: 43.79 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	16.7	14.1	21.1

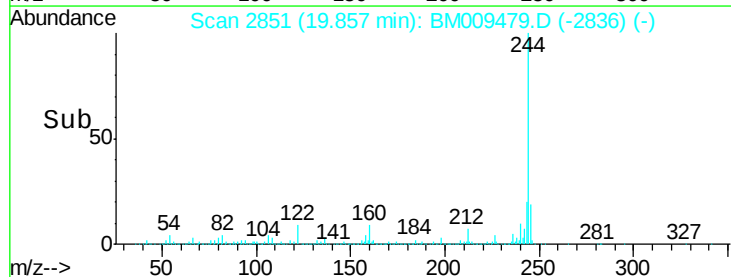
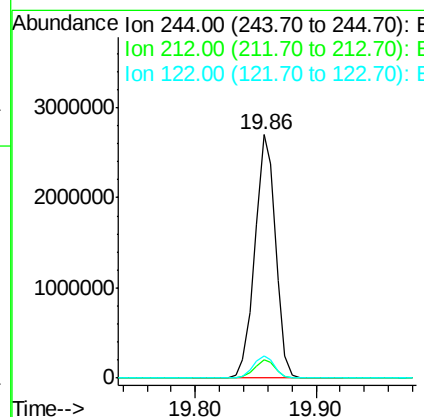
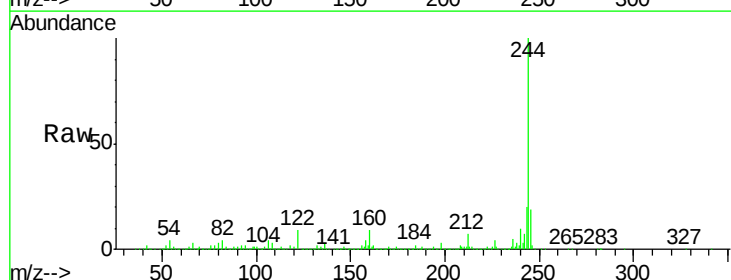
Manual Integrations
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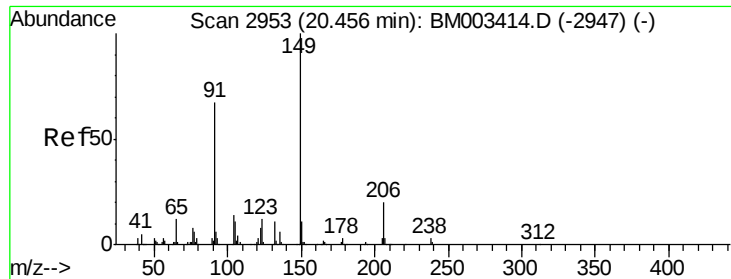
mohammad
4/3/2017 11:49:44 AM



#78
Terphenyl-d14
Concen: 74.07 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.2	6.2	9.4





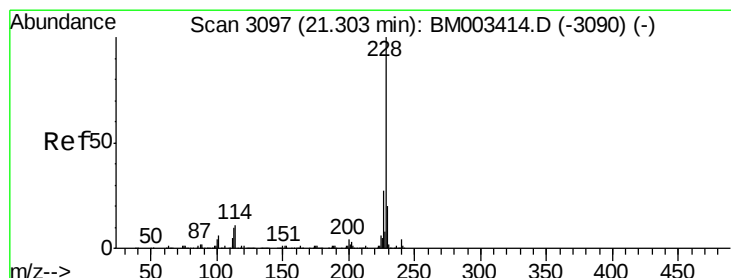
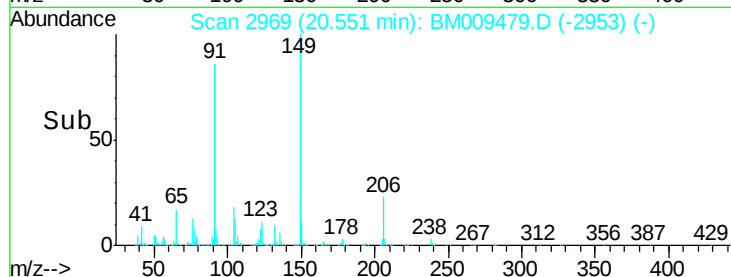
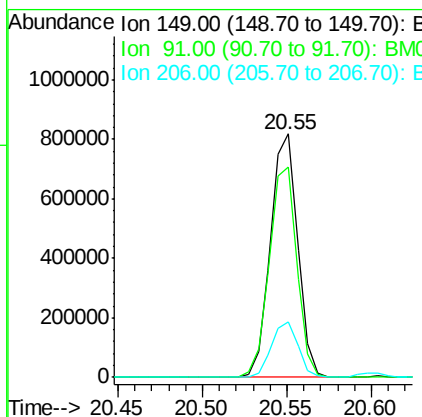
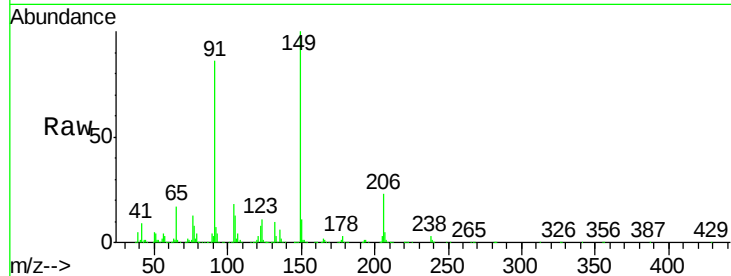
#79
Butylbenzylphthalate
Concen: 49.09 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleID :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.3	50.1	75.1#
206	22.6	16.2	24.2

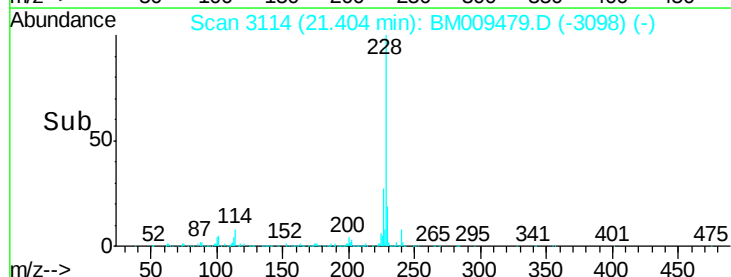
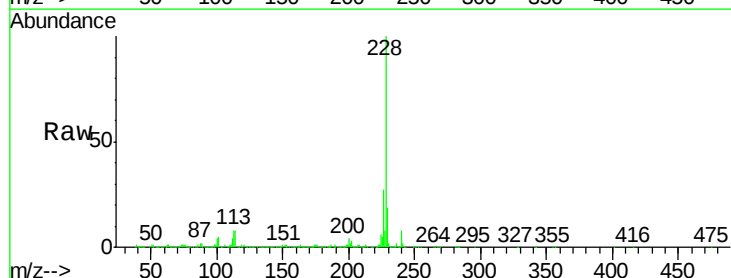
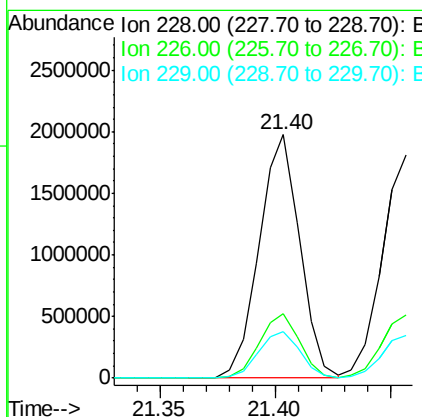
Manual Integrations
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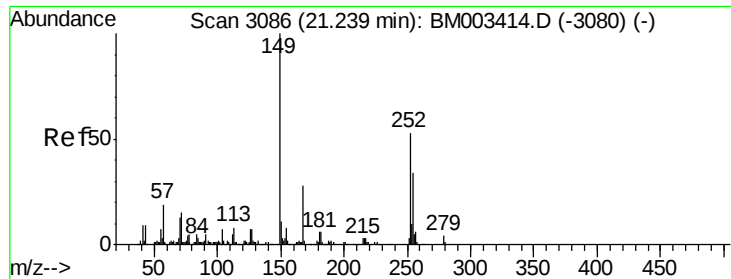
mohammad
4/3/2017 11:49:44 AM



#80
Benzo(a)anthracene
Concen: 45.42 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.3	16.0	24.0





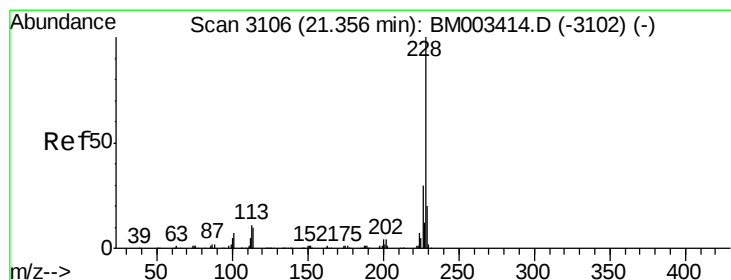
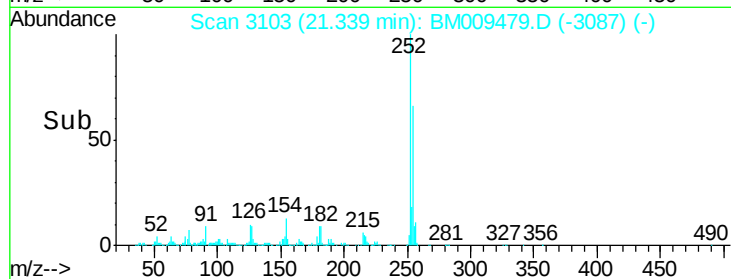
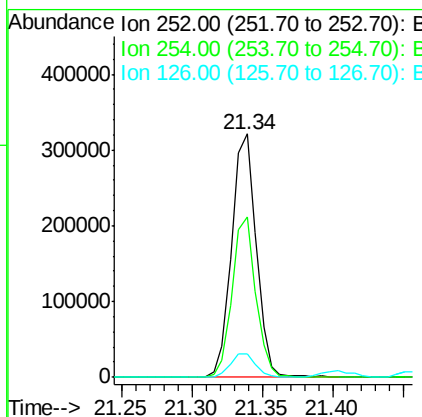
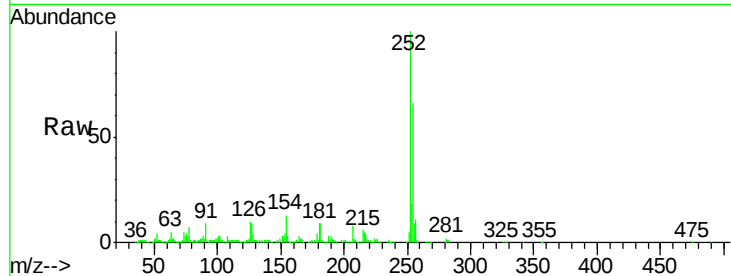
#81
 3,3'-Dichlorobenzidine
 Concen: 19.67 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	391659		
254	65.9	51.9	77.9	
126	9.7	9.8	14.8	

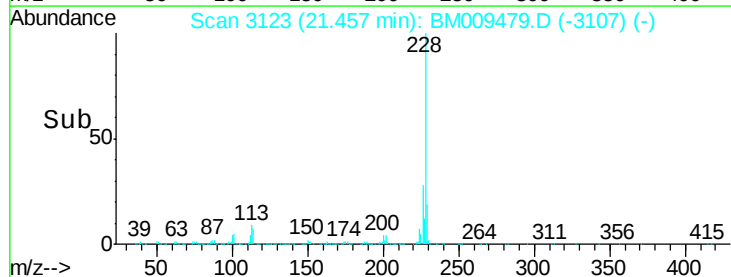
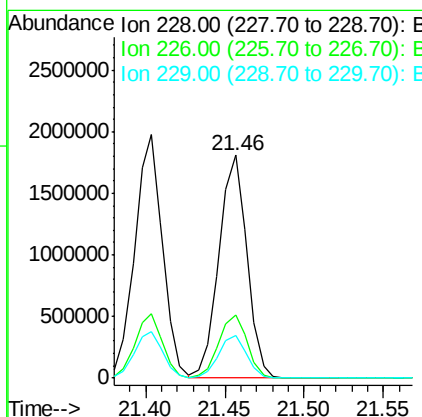
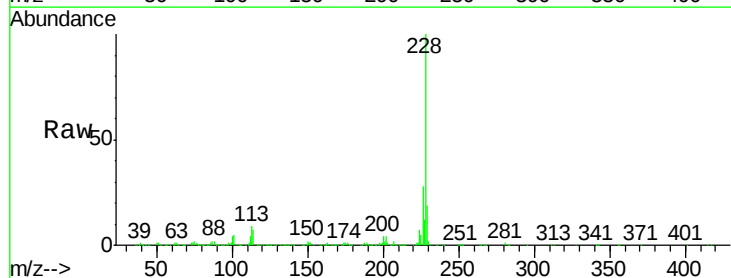
Manual Integrations
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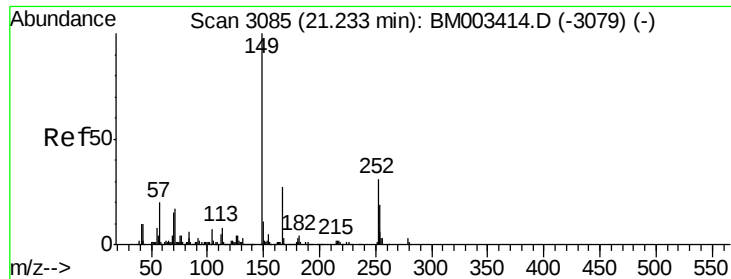
mohammad
 4/3/2017 11:49:44 AM



#82
 Chrysene
 Concen: 43.51 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009479.D
 Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2208713		
226	28.4	24.1	36.1	
229	19.1	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.35 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

ClientSampleId :

PB97950BSD

Tot Ion:149 Resp: 1341547

Ion Ratio Lower Upper

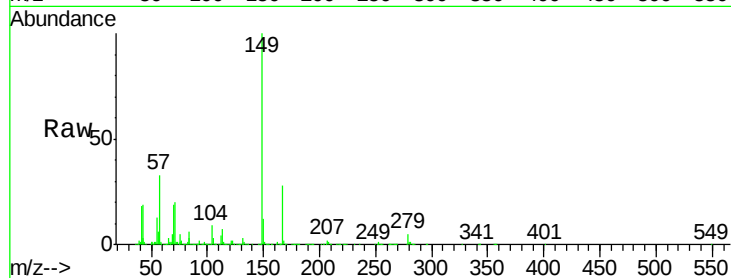
149 100

167 27.6 22.4 33.6

279 5.2 3.4 5.0#

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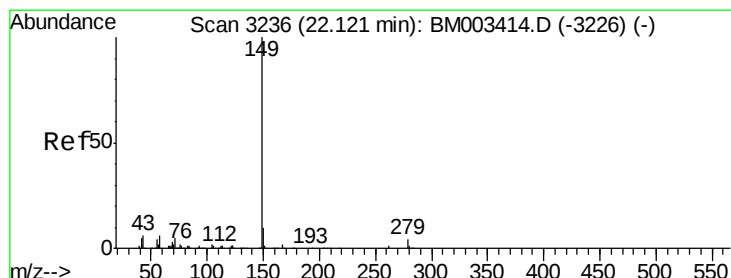
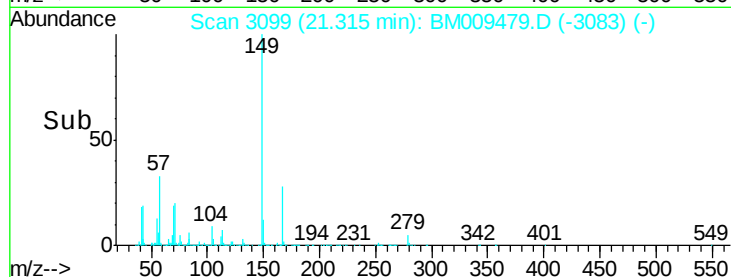
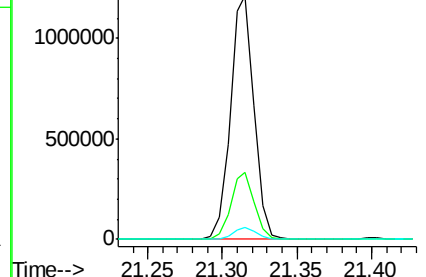
mohammad
4/3/2017 11:49:44 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.60 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

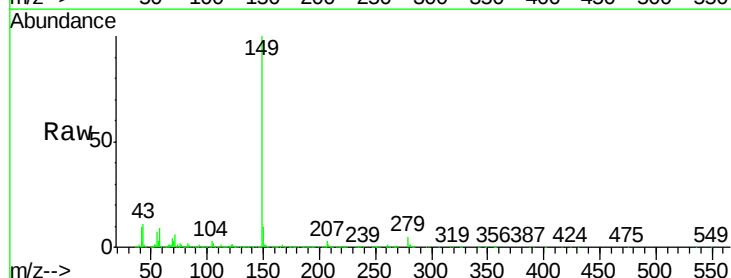
Tgt Ion:149 Resp: 2428562

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

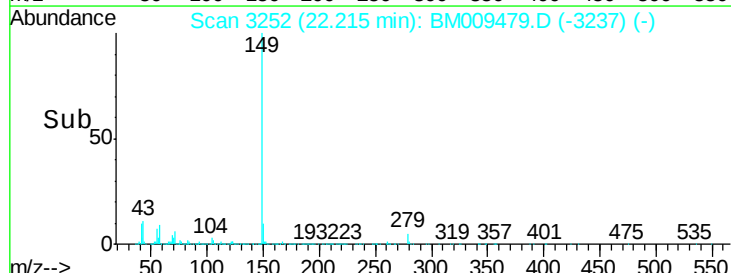
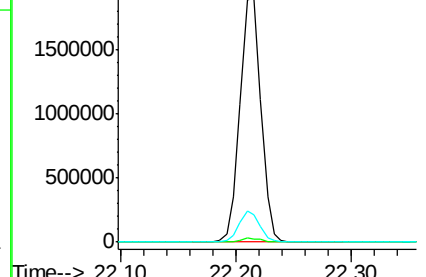
43 12.6 7.3 10.9#

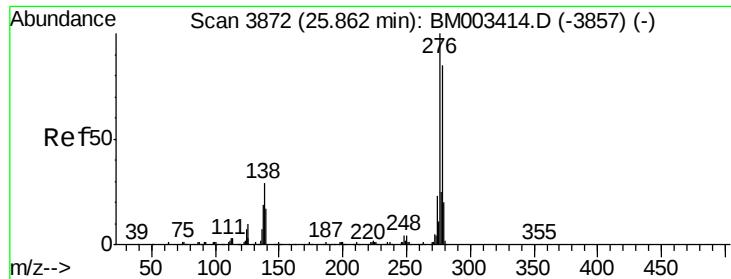


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





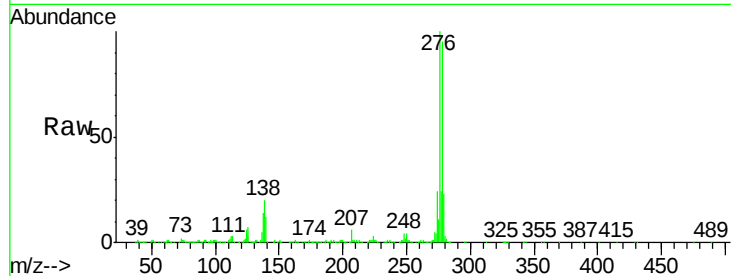
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.09 ng
RT: 26.12 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

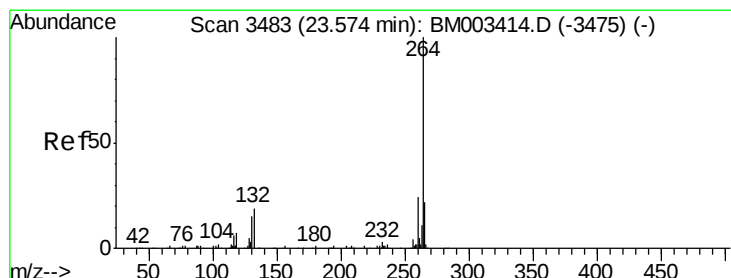
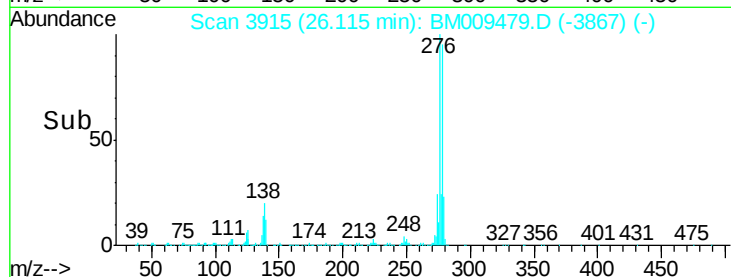
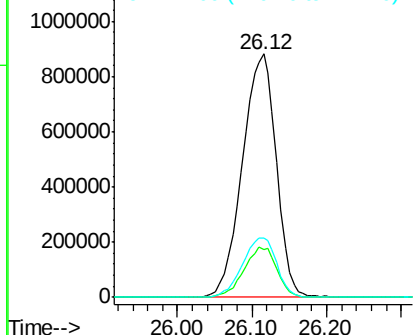
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
277	24.9	0.0	0.0#

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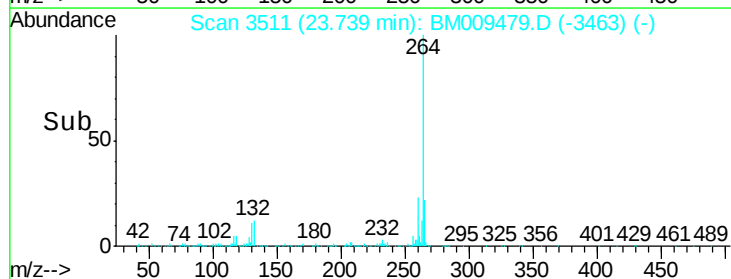
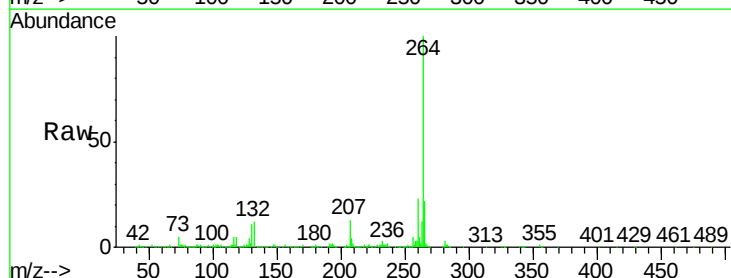
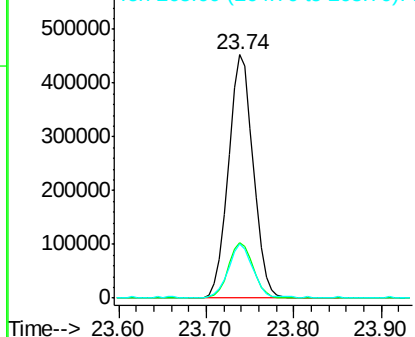
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

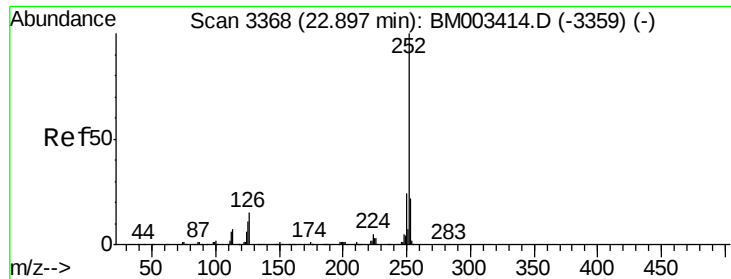


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.1	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.13 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

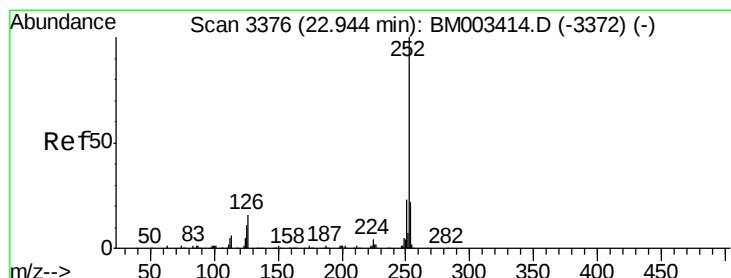
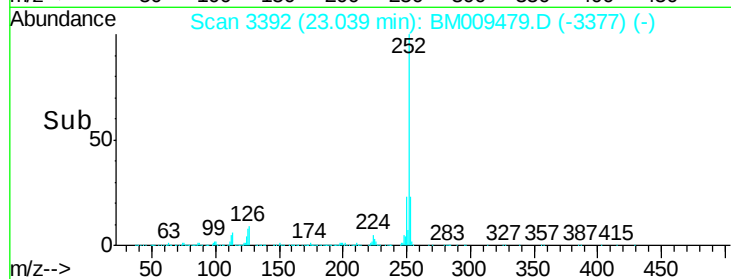
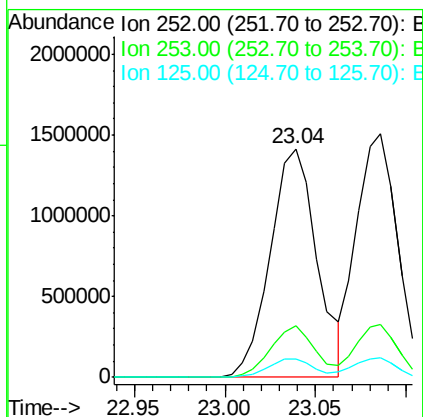
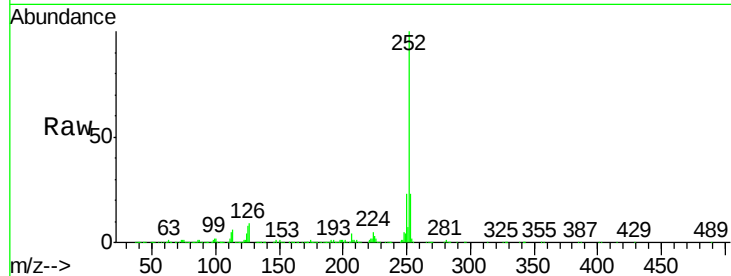
ClientSampleId :

PB97950BSD

Tot Ion:	252	Resp:	2550162
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	8.3	9.9	14.9#

Manual Integrations
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mohammad
4/3/2017 11:49:44 AM



#88

Benzo(k)fluoranthene

Concen: 44.82 ng m

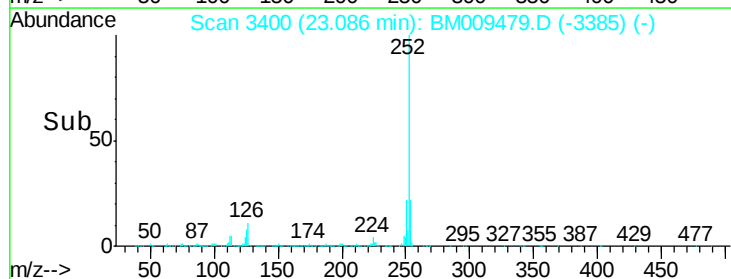
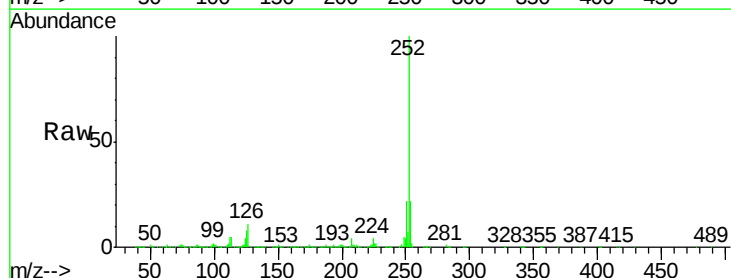
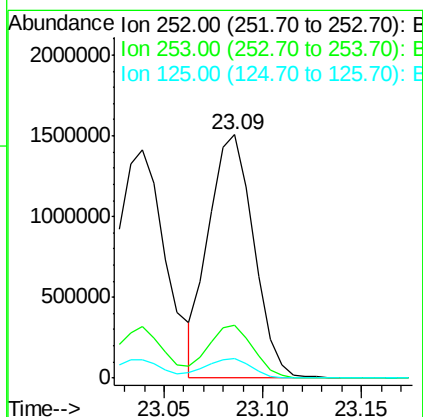
RT: 23.09 min Scan# 3400

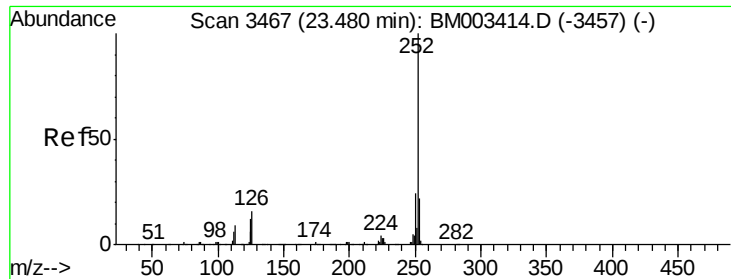
Delta R.T. -0.01 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Tgt Ion:	252	Resp:	2382847
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	7.9	8.1	12.1#





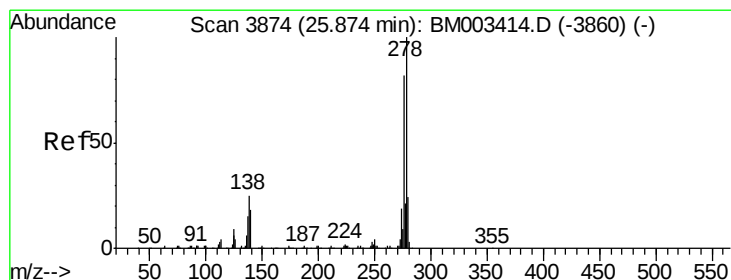
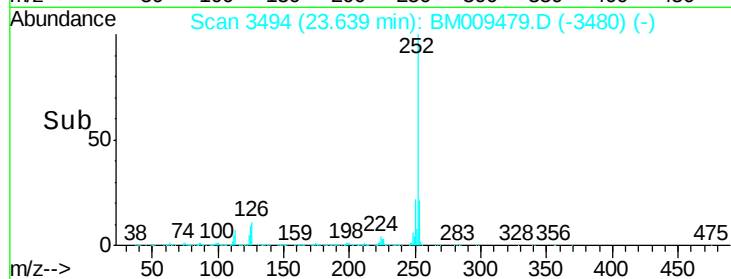
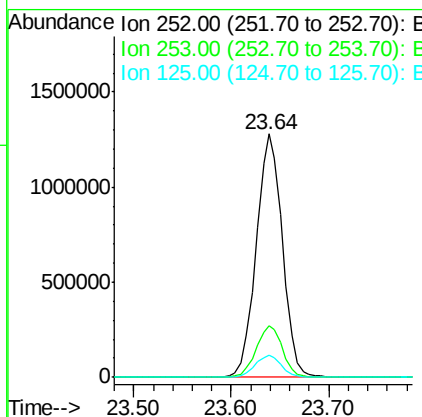
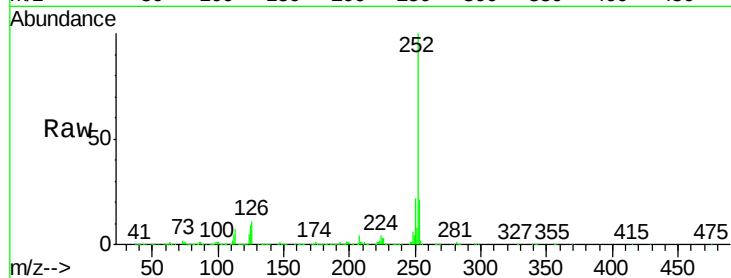
#89
Benzo(a)pyrene
Concen: 46.89 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	8.9	7.4	11.2

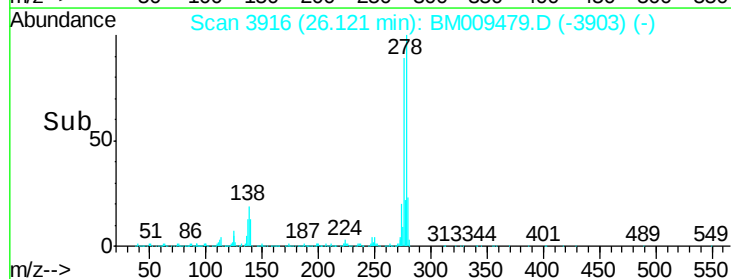
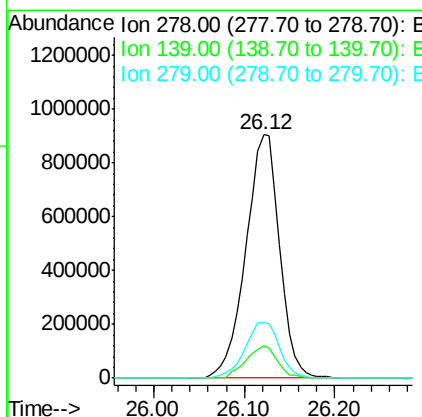
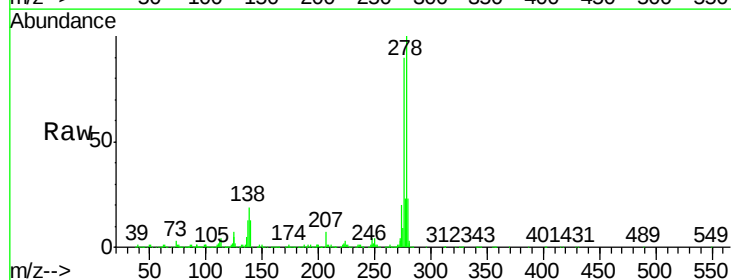
Manual Integrations
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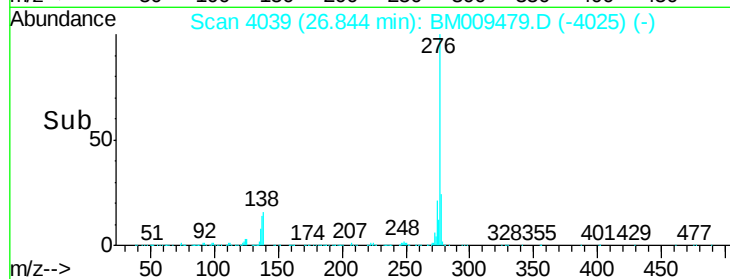
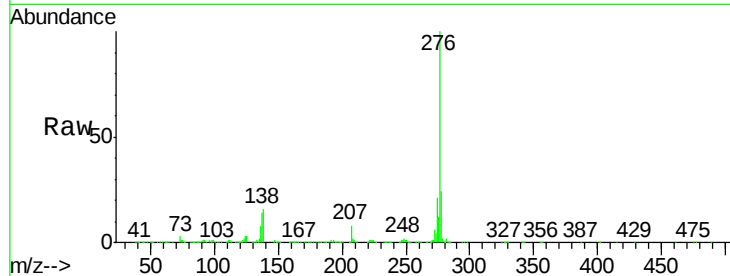
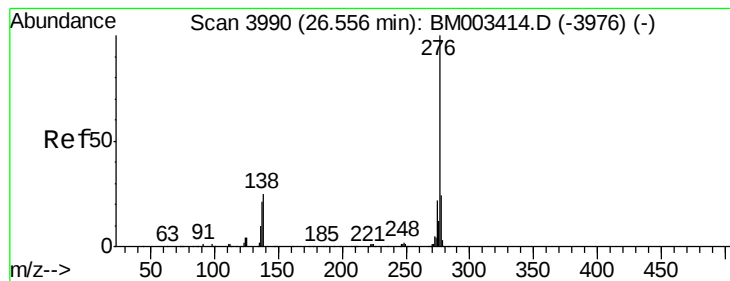
mohammad
4/3/2017 11:49:44 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.63 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009479.D
Acq: 31 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.4	20.0#
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.18 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009479.D

Acq: 31 Mar 2017 18:23

Instrument :

BNA_M

ClientSampleId :

PB97950BSD

Tot Ion: 276 Resp: 2257599

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 16.2 19.0 28.6#

Manual Integrations

APPROVED

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