

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017947.D
 Acq On : 05 Dec 2018 22:27
 Operator : JU/SJ
 Sample : J6184-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Manual Integrations
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mohammad
 12/6/2018 12:20:26 PM

Quant Time: Dec 06 05:58:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	139564	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	534234	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	276964	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	574931	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	623676	20.00	ng	-0.04
87) Perylene-d12	23.36	264	642355	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	797834	96.48	ng	-0.04
7) Phenol-d6	6.76	99	950119	82.26	ng	-0.05
23) Nitrobenzene-d5	8.72	82	738501	71.36	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	442952	111.31	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1623580	76.05	ng	-0.05
79) Terphenyl-d14	19.62	244	2221967	80.75	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	110822	32.177	ng	# 5
3) Pyridine	3.59	79	219751	21.752	ng	# 85
4) n-Nitrosodimethylamine	3.50	42	133019	29.890	ng	85
6) Aniline	6.92	93	86658	6.050	ng	96
8) 2-Chlorophenol	7.14	128	372375	37.625	ng	94
9) Benzaldehyde	6.73	77	126868	15.079	ng	96
10) Phenol	6.79	94	361879	29.850	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	339404	35.464	ng	95
12) 1,3-Dichlorobenzene	7.45	146	396208	35.682	ng	96
13) 1,4-Dichlorobenzene	7.60	146	400648	35.202	ng	99
14) 1,2-Dichlorobenzene	7.91	146	388301	35.185	ng	99
15) Benzyl Alcohol	7.82	79	303606	33.008	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	383233	26.301	ng	91
17) 2-Methylphenol	8.02	107	289713	35.474	ng	96
18) Hexachloroethane	8.62	117	143075	35.668	ng	97
19) n-Nitroso-di-n-propylamine	8.37	70	267290	32.230	ng	91
20) 3+4-Methylphenols	8.35	107	373607	32.926	ng	96
22) Acetophenone	8.39	105	543932	40.794	ng	# 93
24) Nitrobenzene	8.76	77	397354	37.846	ng	97
25) Isophorone	9.28	82	706349	44.193	ng	98
26) 2-Nitrophenol	9.46	139	200596	41.479	ng	92
27) 2,4-Dimethylphenol	9.53	122	322902	46.329	ng	98
28) bis(2-Chloroethoxy)methane	9.76	93	438286	40.488	ng	99
29) 2,4-Dichlorophenol	9.99	162	331063	40.918	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	358722	38.121	ng	98
31) Naphthalene	10.38	128	1105465	42.086	ng	100
32) Benzoic acid	9.69	122	184050m	29.151	ng	
33) 4-Chloroaniline	10.52	127	35753	3.108	ng	96
34) Hexachlorobutadiene	10.66	225	213535	36.552	ng	98
35) Caprolactam	11.31	113	68473m	22.981	ng	
36) 4-Chloro-3-methylphenol	11.65	107	342632	36.680	ng	98
37) 2-Methylnaphthalene	12.00	142	790061	42.558	ng	99
38) 1-Methylnaphthalene	12.23	142	749837	41.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	400726	41.031	ng	99

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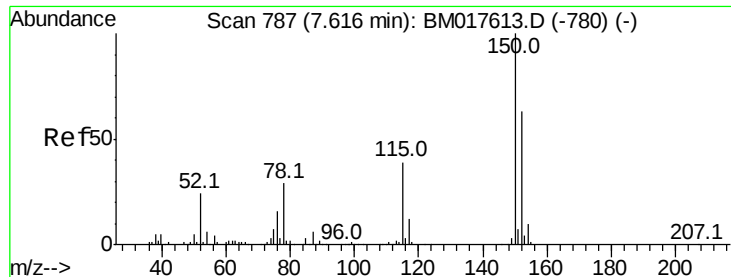
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	470459	93.222	nq	98
43) 2,4,6-Trichlorophenol	12.63	196	257357	42.070	nq	97
44) 2,4,5-Trichlorophenol	12.71	196	273365	42.322	nq	99
46) 1,1'-Biphenyl	13.04	154	979380	39.395	nq	99
47) 2-Chloronaphthalene	13.07	162	760812	41.230	nq	99
48) 2-Nitroaniline	13.30	65	209746	36.755	nq	90
49) Acenaphthylene	13.93	152	1216298	43.871	nq	100
50) Dimethylphthalate	13.69	163	908626	40.351	nq	99
51) 2,6-Dinitrotoluene	13.81	165	198686	39.624	nq	97
52) Acenaphthene	14.28	154	704446	41.403	nq	99
53) 3-Nitroaniline	14.14	138	47055	8.619	nq	95
54) 2,4-Dinitrophenol	14.36	184	241050	78.854	nq	93
55) Dibenzofuran	14.62	168	1118436	40.224	nq	99
56) 4-Nitrophenol	14.46	139	280606	62.318	nq	98
57) 2,4-Dinitrotoluene	14.61	165	281104	41.589	nq	98
58) Fluorene	15.27	166	911739	42.832	nq	96
59) 2,3,4,6-Tetrachlorophenol	14.85	232	249153	41.938	nq	99
60) Diethylphthalate	15.06	149	913601	37.550	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	456842	37.775	nq	99
62) 4-Nitroaniline	15.32	138	158047	30.718	nq	94
63) Azobenzene	15.56	77	842744	37.469	nq	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	159791	40.120	nq	95
66) n-Nitrosodiphenylamine	15.49	169	787334	42.594	nq	100
67) 4-Bromophenyl-phenylether	16.17	248	282054	41.481	nq	96
68) Hexachlorobenzene	16.27	284	311662	40.658	nq	95
69) Atrazine	16.46	200	261579	38.475	nq	94
70) Pentachlorophenol	16.63	266	384321	71.555	nq	99
71) Phenanthrene	17.02	178	1385576	44.414	nq	99
72) Anthracene	17.10	178	1415388	46.624	nq	99
73) Carbazole	17.39	167	1255575	40.930	nq	99
74) Di-n-butylphthalate	17.95	149	1549651	45.380	nq	100
75) Fluoranthene	19.04	202	1603431	45.425	nq	100
77) Benzidine	19.26	184	42444m	2.090	nq	
78) Pyrene	19.41	202	1629203	42.337	nq	99
80) Butylbenzylphthalate	20.33	149	705512	45.140	nq	96
81) Benzo(a)anthracene	21.16	228	1614937	44.945	nq	100
82) 3,3'-Dichlorobenzidine	21.11	252	291780	21.041	nq	100
83) Chrysene	21.22	228	1503638	43.086	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1029723	44.566	nq	100
85) Di-n-octyl phthalate	21.97	149	1792158	48.439	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.53	276	1875647	67.257	nq	99
88) Benzo(b)fluoranthene	22.71	252	1620823	43.086	nq	99
89) Benzo(k)fluoranthene	22.76	252	1570674	41.309	nq	98
90) Benzo(a)pyrene	23.26	252	1562757	45.561	nq	99
91) Dibenzo(a,h)anthracene	25.53	278	1602409	55.569	nq	99
92) Benzo(g,h,i)perylene	26.19	276	1583387	58.391	nq	99

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



#1

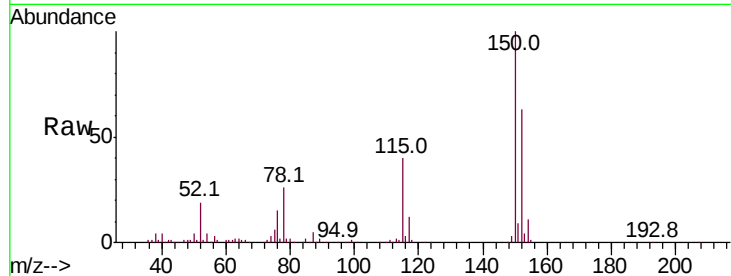
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.4	189.6
115	62.6	49.4	74.0

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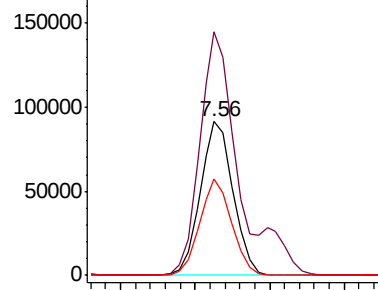


Abundance

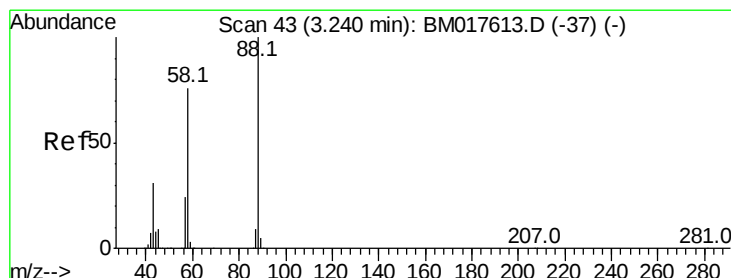
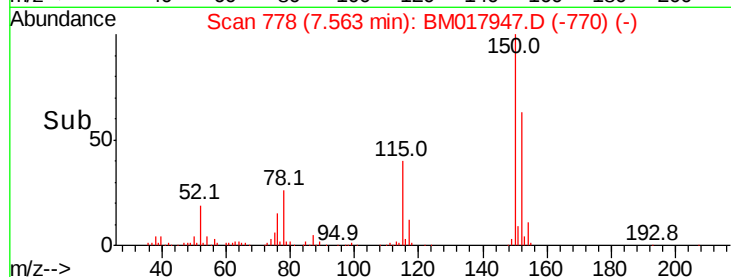
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



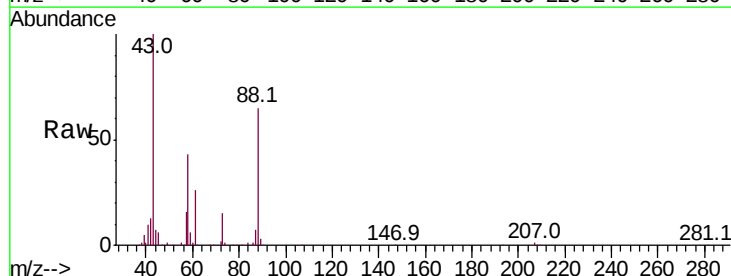
Time-->



#2

1,4-Dioxane
Concen: 32.177 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	62.0	93.0
43	196.8	26.8	40.2

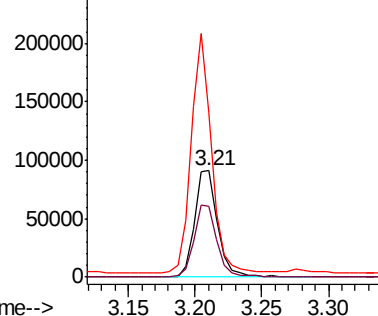


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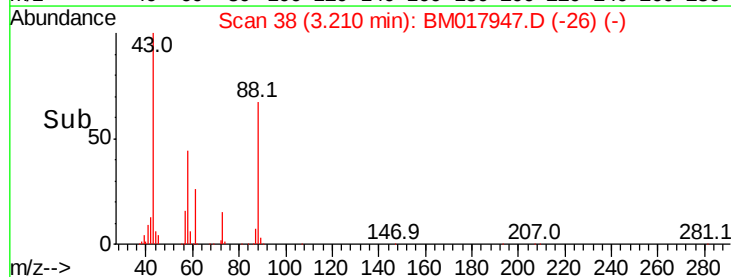
Ion 88.00 (87.70 to 88.70): BM0

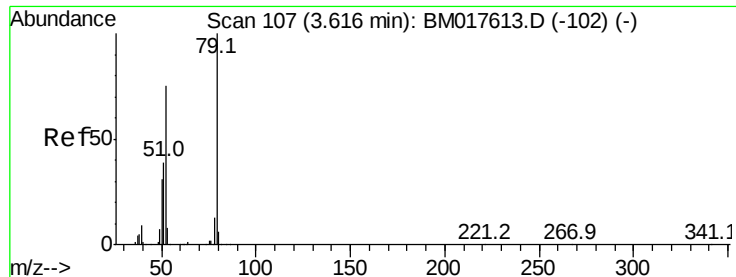
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 21.752 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.03 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

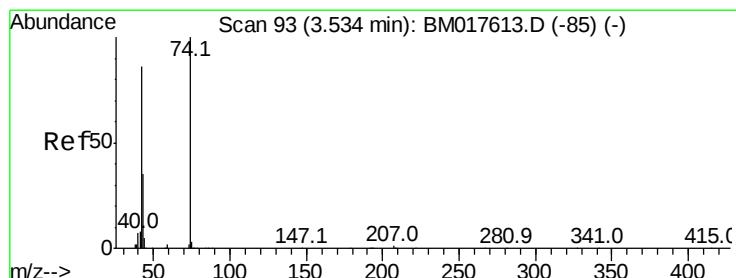
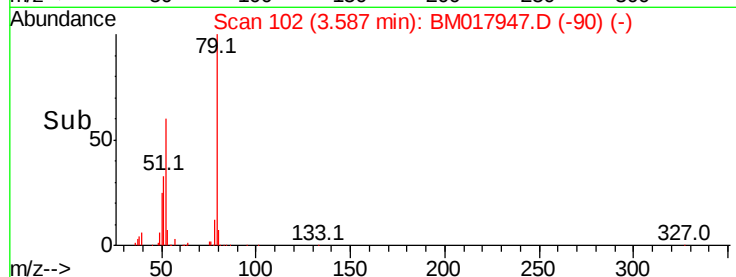
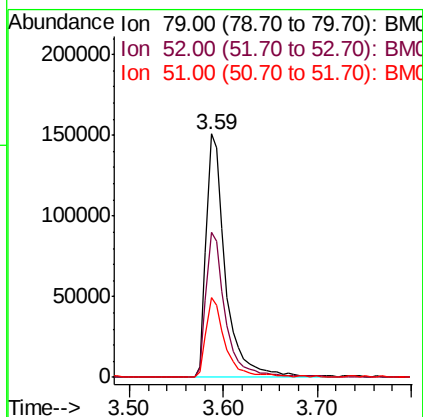
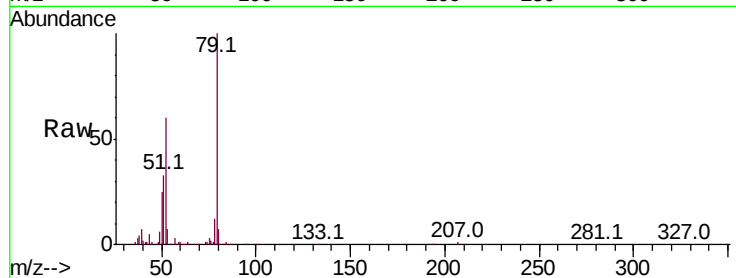
ClientSampleId :

RO-331MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.8	60.1	90.1#
51	32.7	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 29.890 ng

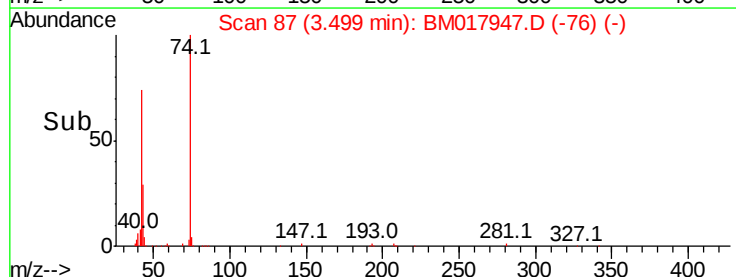
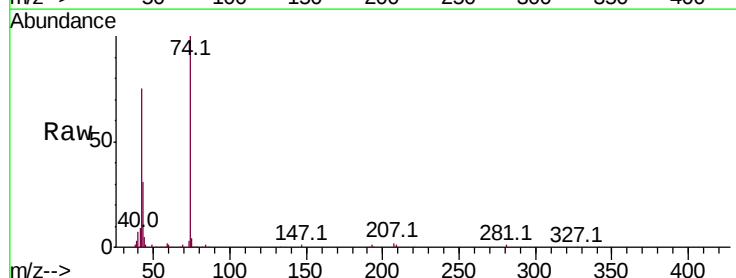
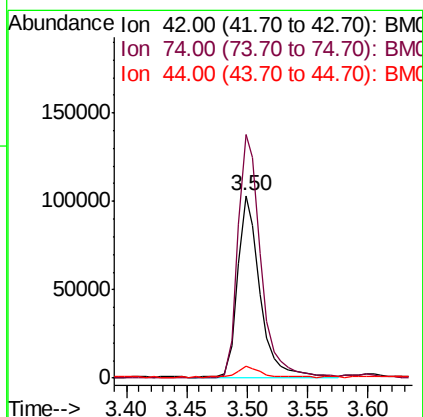
RT: 3.50 min Scan# 87

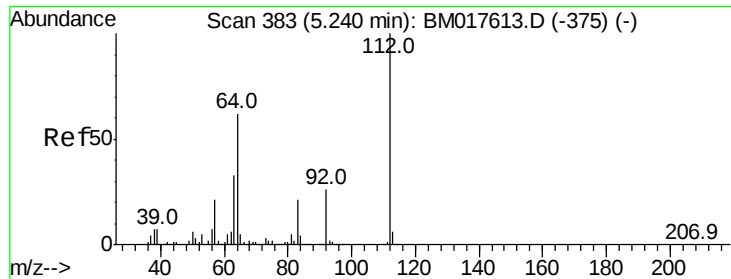
Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.2	93.1	139.7
44	6.2	5.0	7.6





#5

2-Fluorophenol

Concen: 96.476 ng

RT: 5.20 min Scan# 376

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

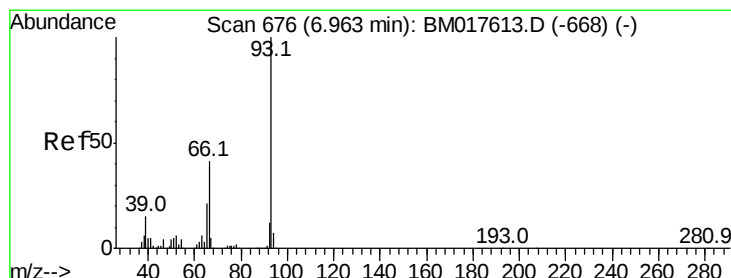
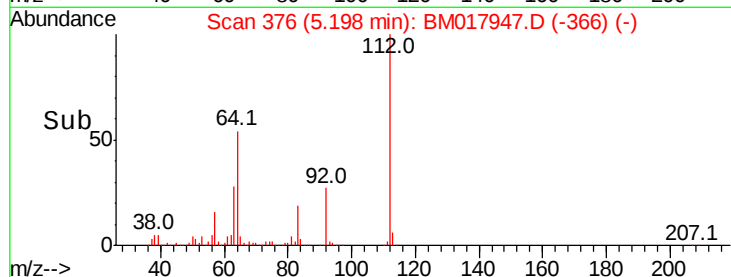
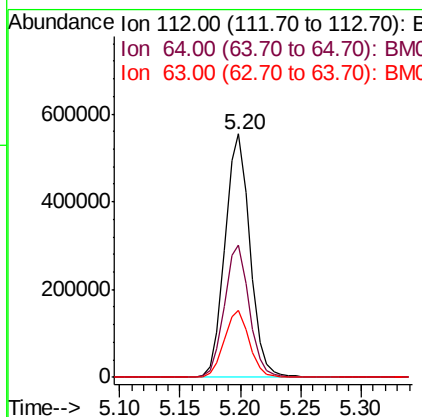
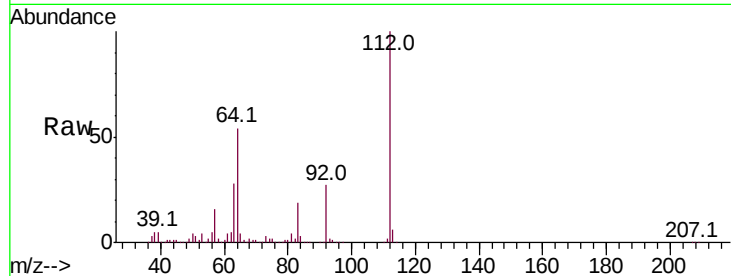
ClientSampleId :

RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	797834		
64	54.3	49.3	73.9	
63	27.7	26.2	39.4	

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#6

Aniline

Concen: 6.050 ng

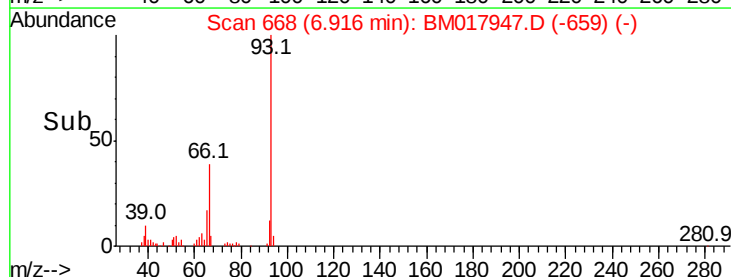
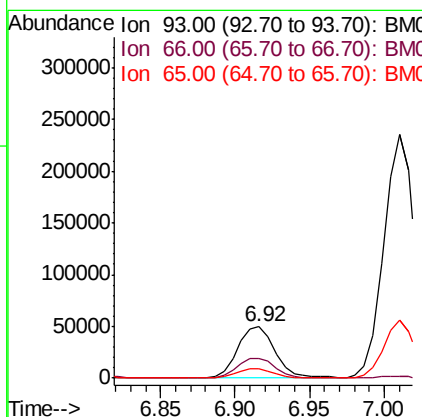
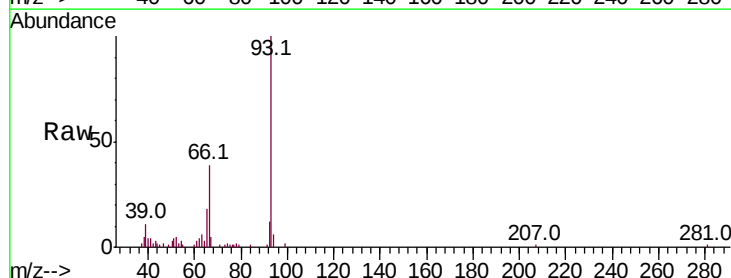
RT: 6.92 min Scan# 668

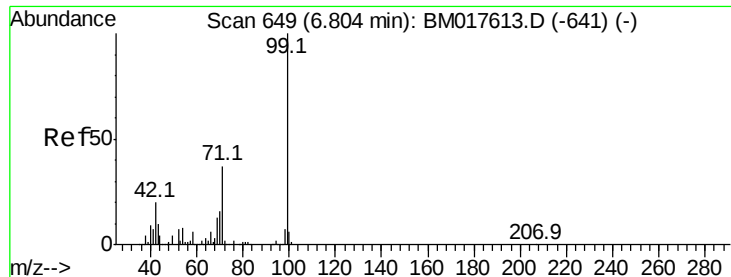
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	86658		
66	39.1	32.8	49.2	
65	18.0	16.6	25.0	





#7

Phenol-d6

Concen: 82.262 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

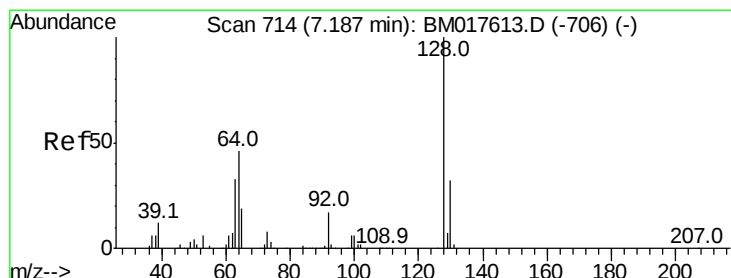
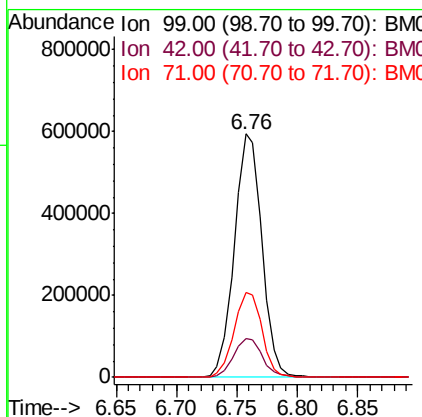
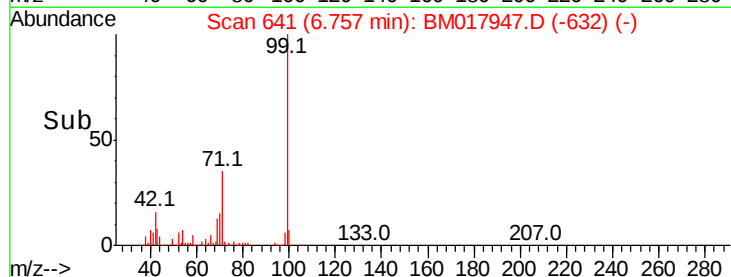
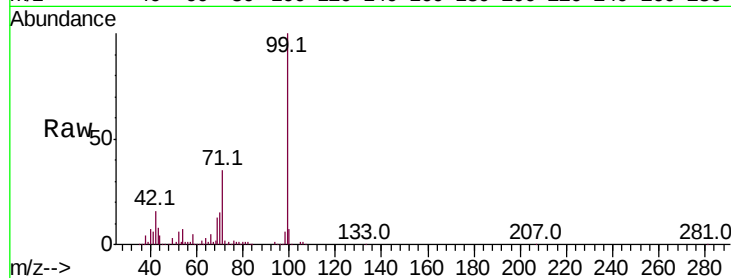
ClientSampleId :

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Tot Ion	99	Resp	950119
Ion	Ratio	Lower	Upper
99	100		
42	16.1	16.3	24.5#
71	34.9	29.8	44.8

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#8

2-Chlorophenol

Concen: 37.625 ng

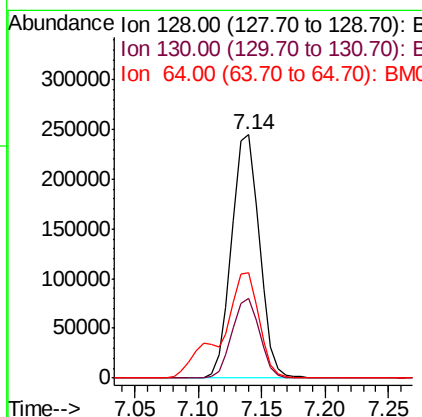
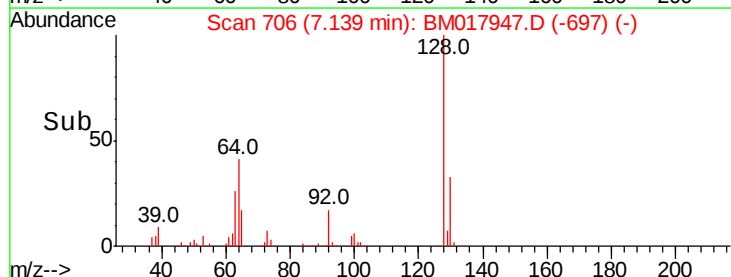
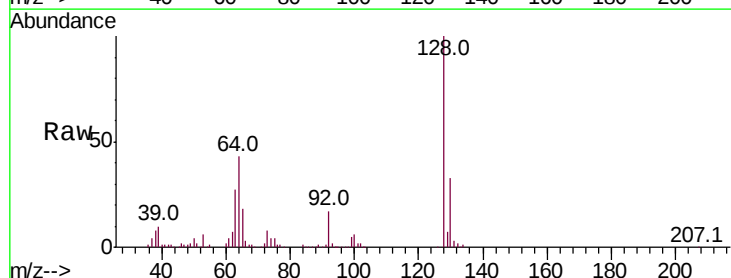
RT: 7.14 min Scan# 706

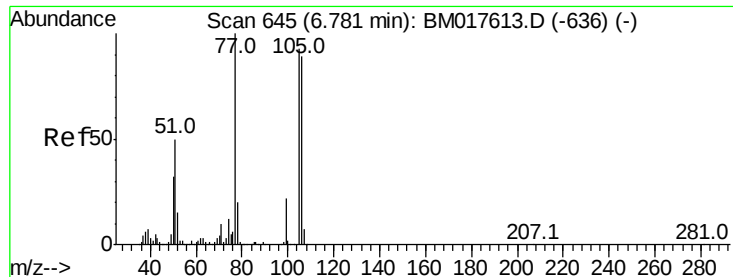
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	128	Resp	372375
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	43.4	30.0	70.0





#9

Benzaldehyde

Concen: 15.079 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

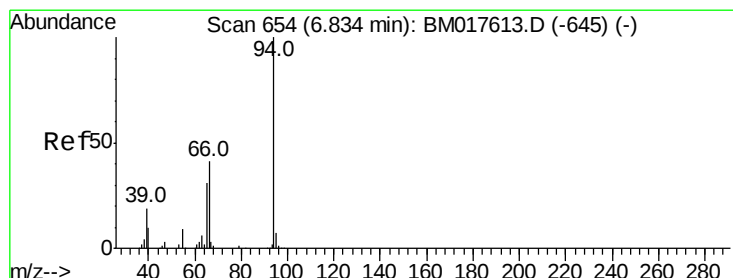
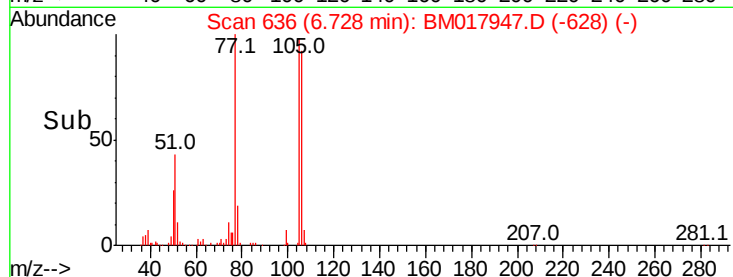
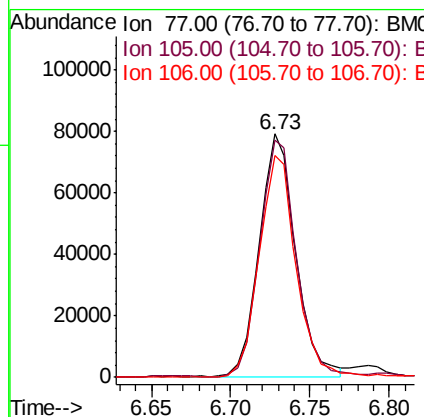
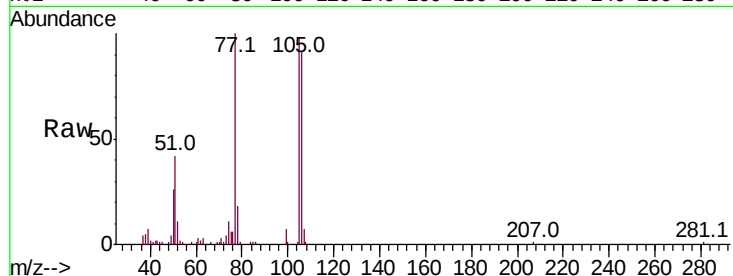
ClientSampled :

RO-331MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	72.7	112.7
106	91.1	68.9	108.9

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#10

Phenol

Concen: 29.850 ng

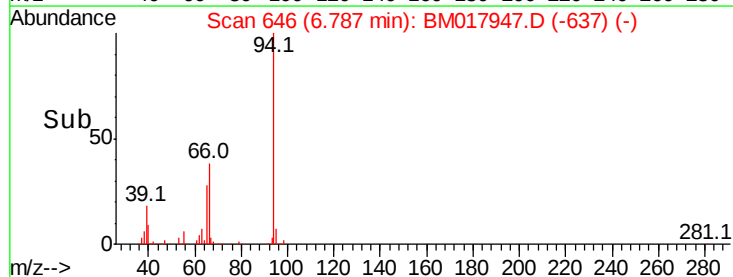
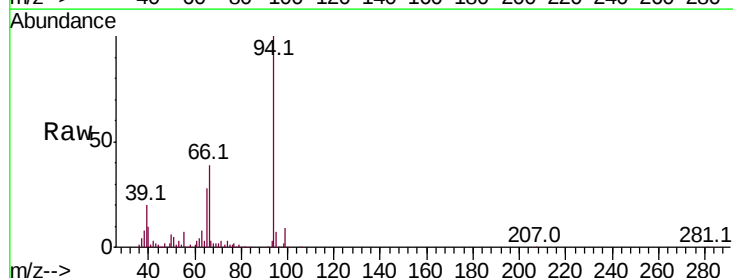
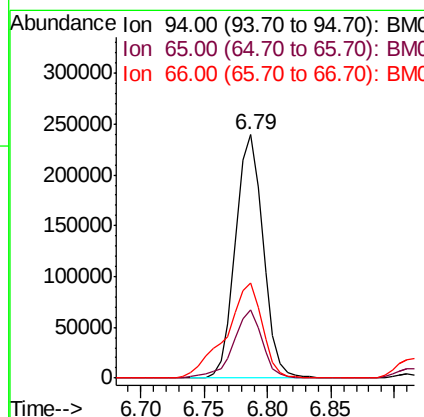
RT: 6.79 min Scan# 646

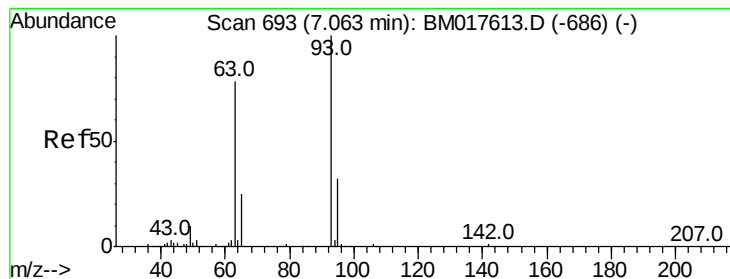
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	11.4	51.4
66	39.0	21.4	61.4





#11

bis(2-Chloroethyl)ether

Concen: 35.464 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

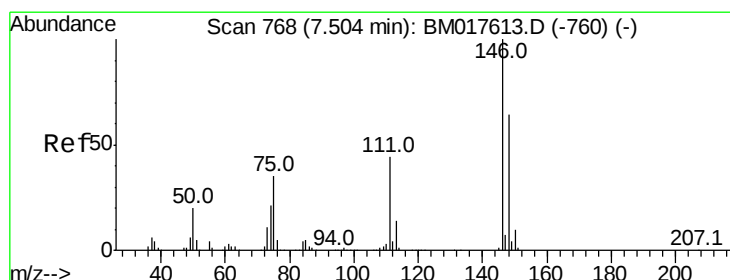
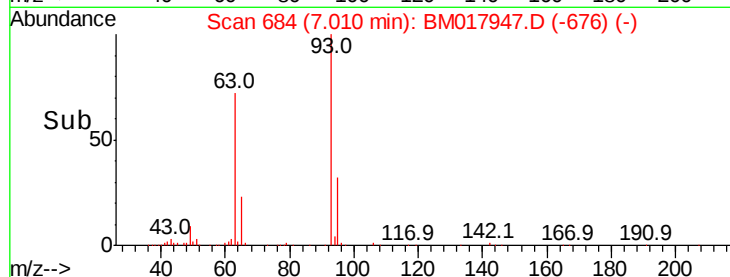
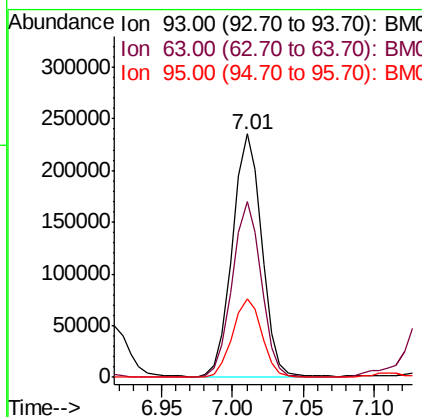
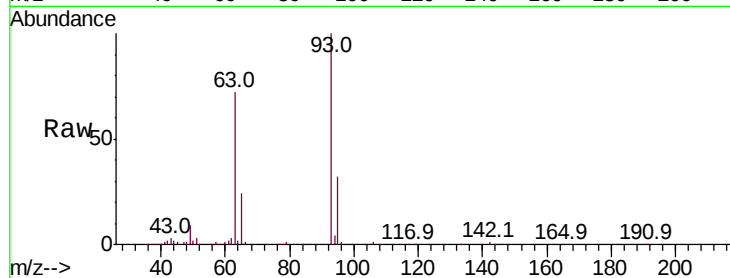
ClientSampleId :

RO-331MS

Tot Ion	93	Resp	339404
Ion Ratio	Lower	Upper	
93	100		
63	72.1	57.9	97.9
95	32.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 35.682 ng

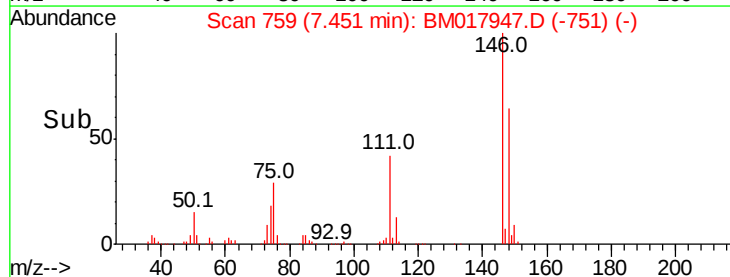
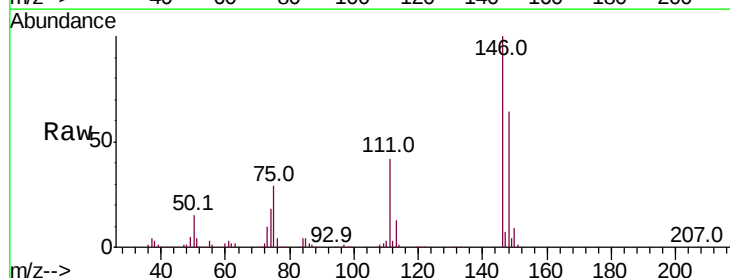
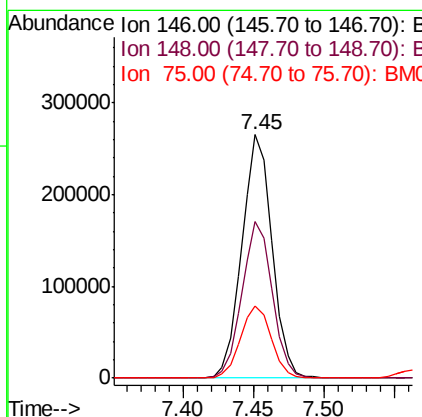
RT: 7.45 min Scan# 759

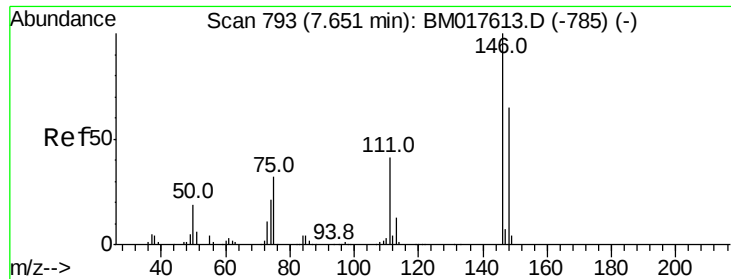
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	146	Resp	396208
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
75	29.5	28.2	42.2





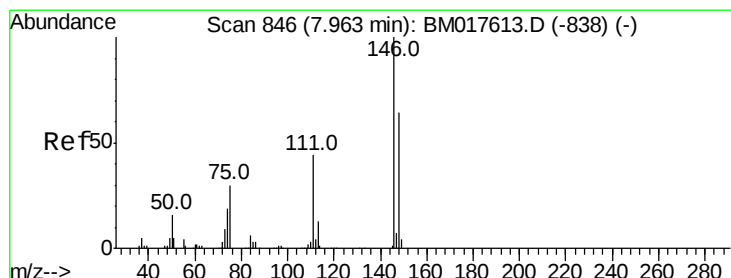
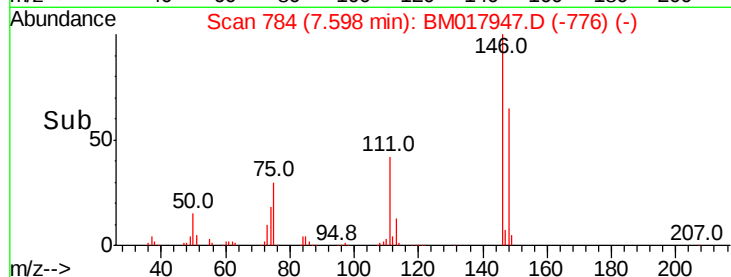
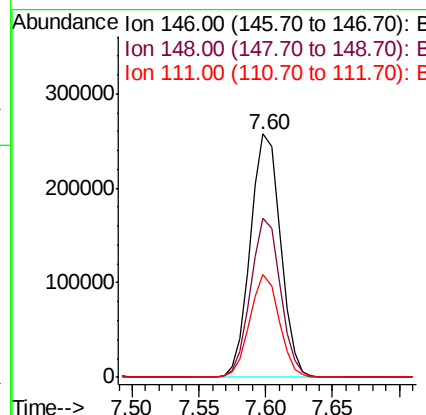
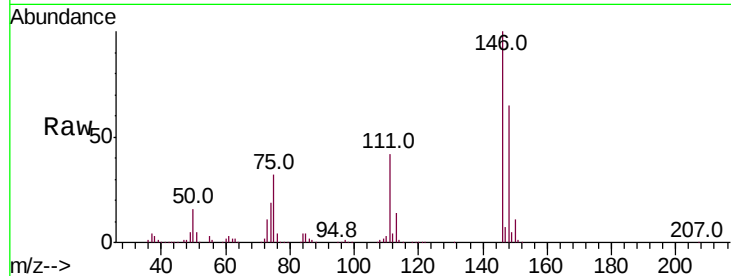
#13
1,4-Dichlorobenzene
Concen: 35.202 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	42.5	33.2	49.8

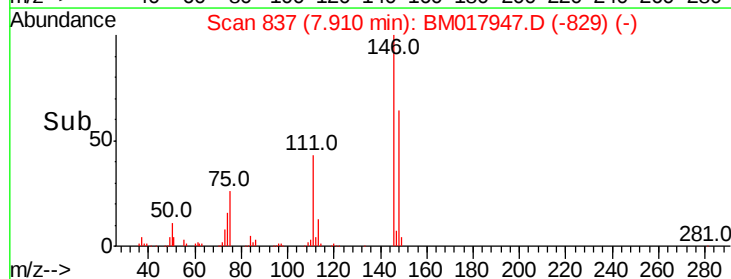
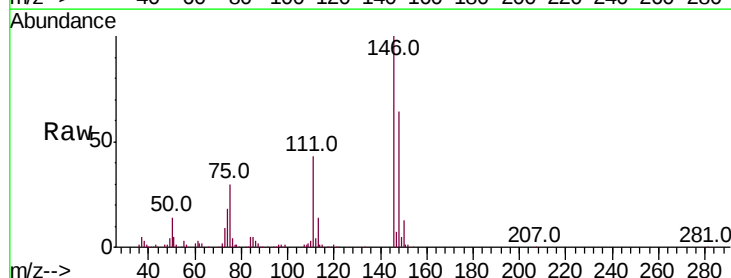
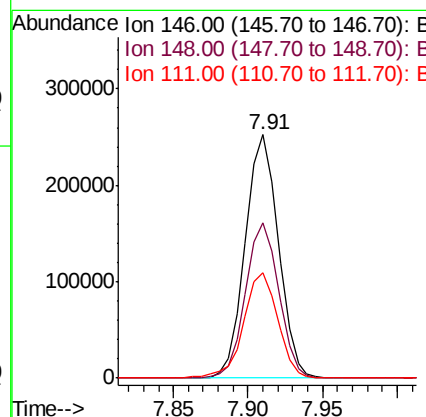
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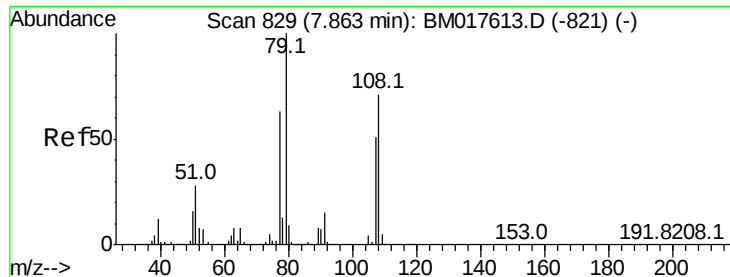
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#14
1,2-Dichlorobenzene
Concen: 35.185 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	43.4	35.8	53.8





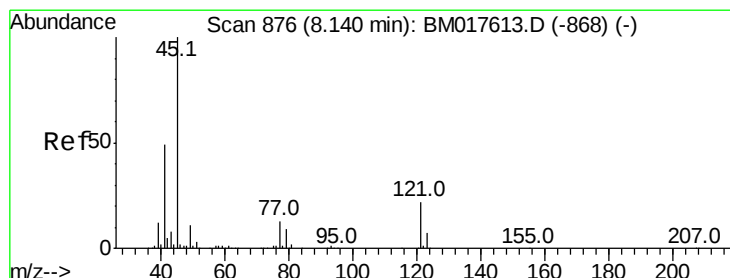
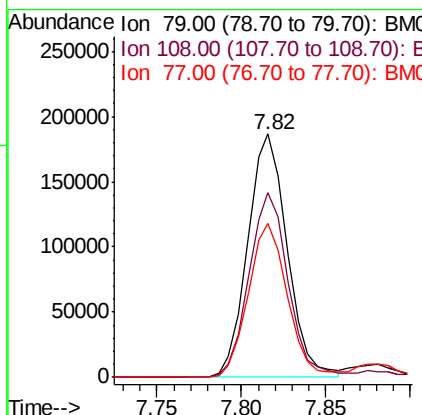
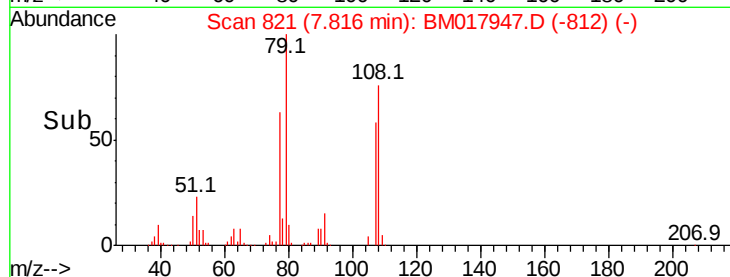
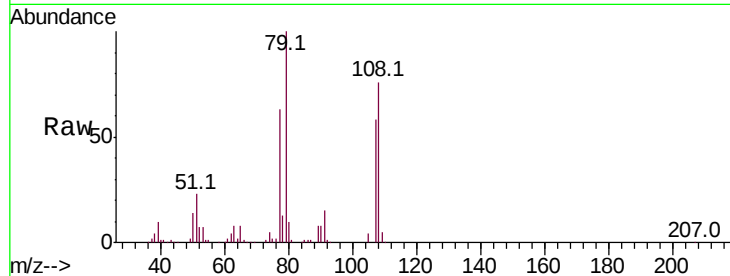
#15
Benzyl Alcohol
Concen: 33.008 ng
RT: 7.82 min Scan# 821
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	57.1	85.7
77	63.1	50.4	75.6

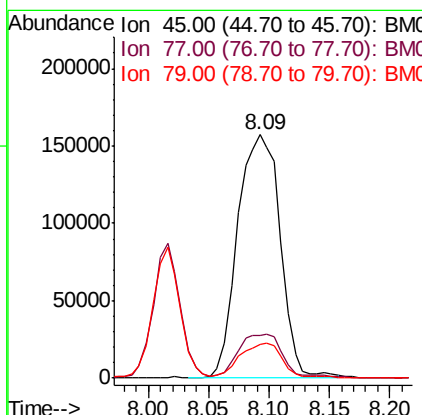
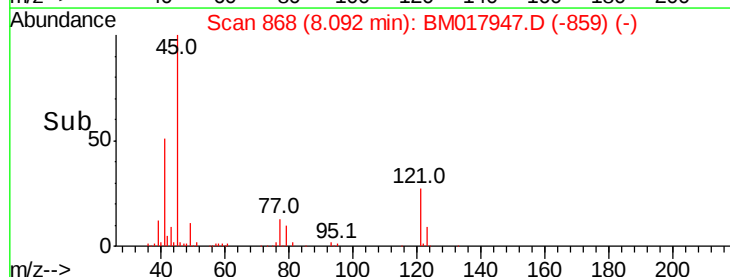
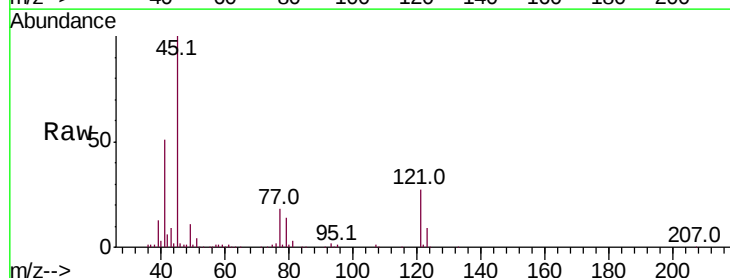
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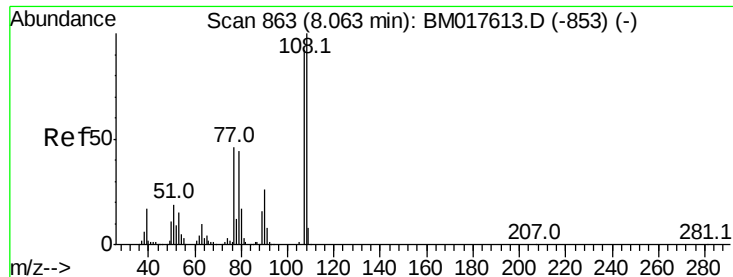
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.301 ng
RT: 8.09 min Scan# 868
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	34.2
79	13.9	0.0	30.5





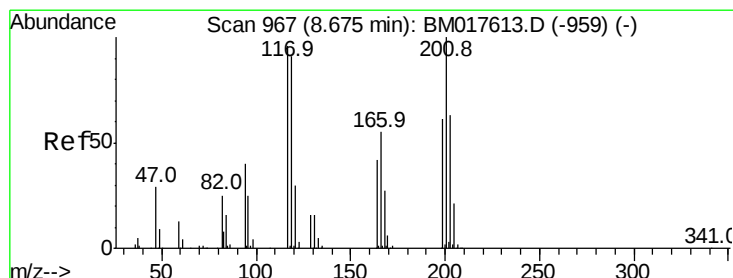
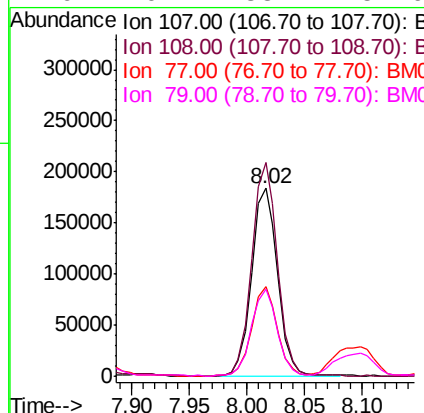
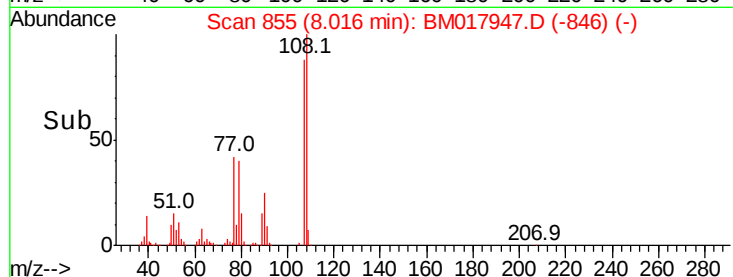
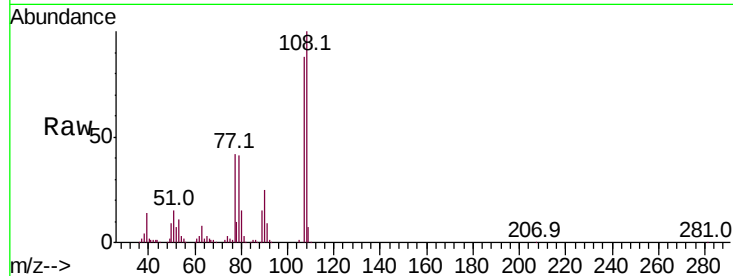
#17
2-Methylphenol
Concen: 35.474 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	289713		
108	113.9	86.7	130.1	
77	47.6	39.8	59.6	
79	46.1	38.4	57.6	

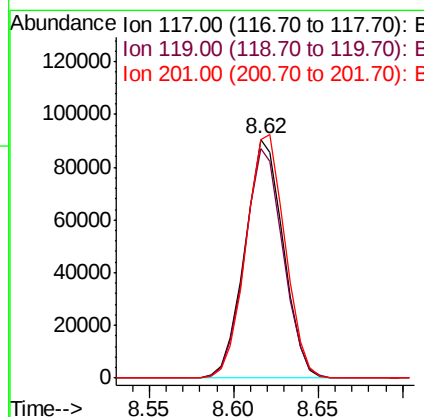
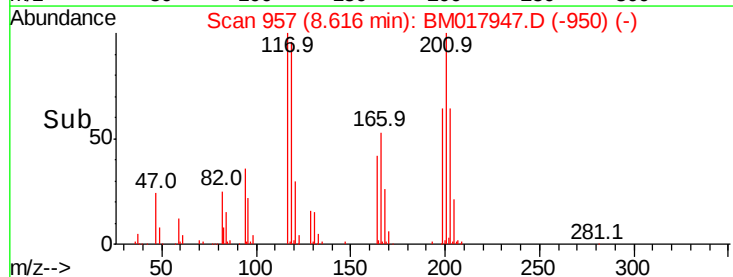
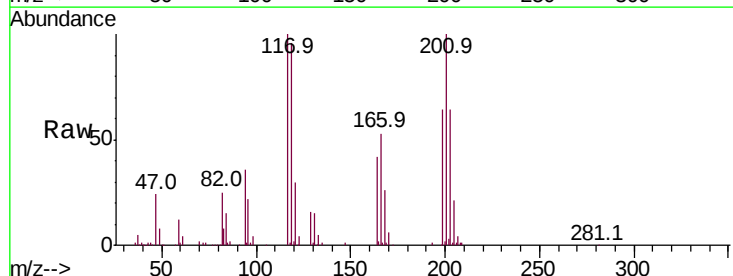
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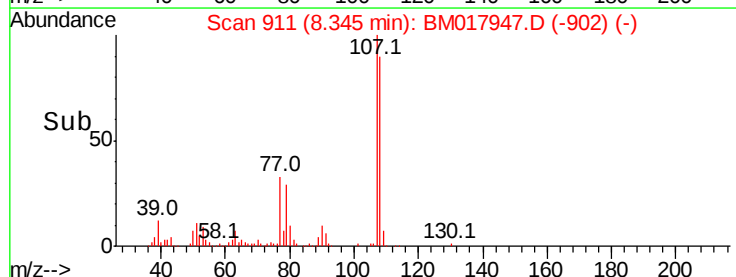
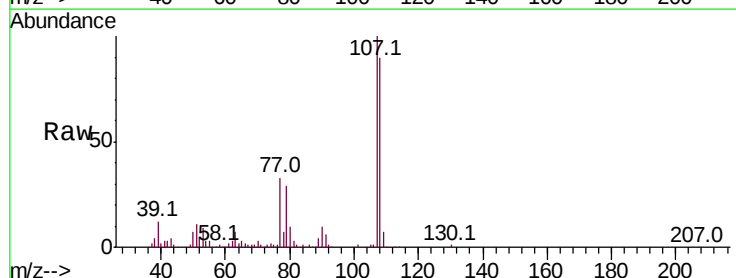
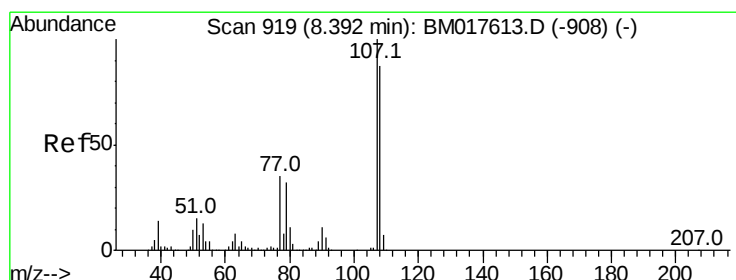
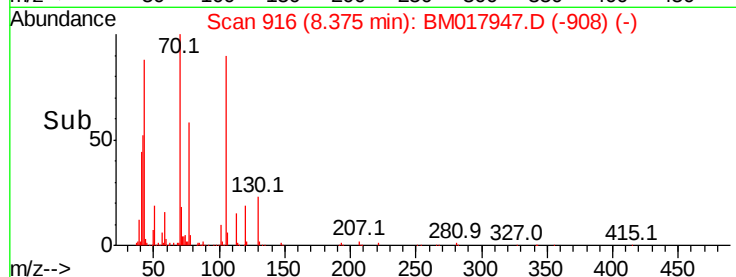
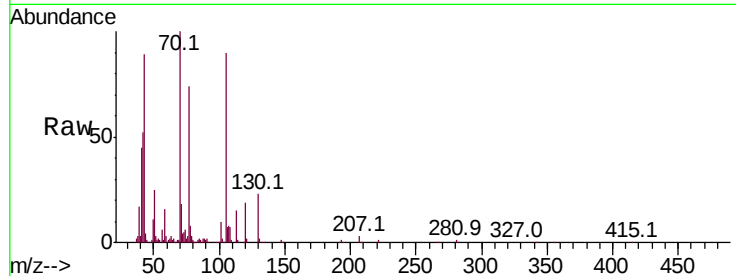
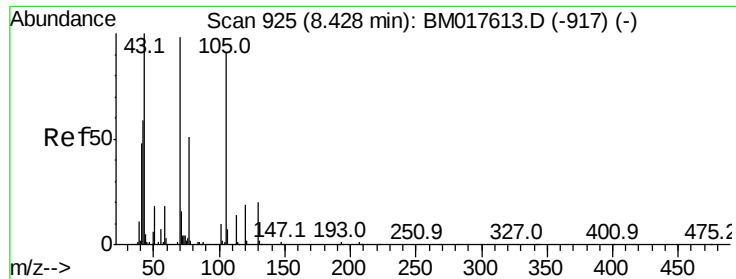
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#18
Hexachloroethane
Concen: 35.668 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.06 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	143075		
119	96.1	75.8	113.8	
201	99.9	83.0	124.4	





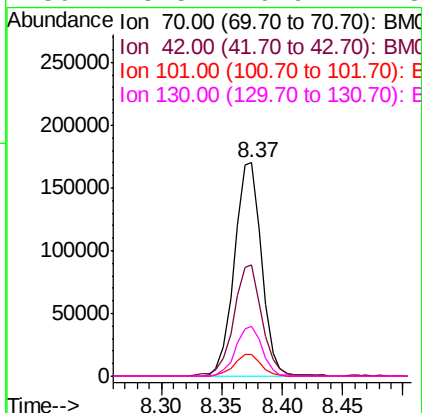
#19
n-Nitroso-di-n-propylamine
Concen: 32.230 ng
RT: 8.37 min Scan# 916
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	48.6	73.0
101	10.2	7.9	11.9
130	23.5	16.6	24.8

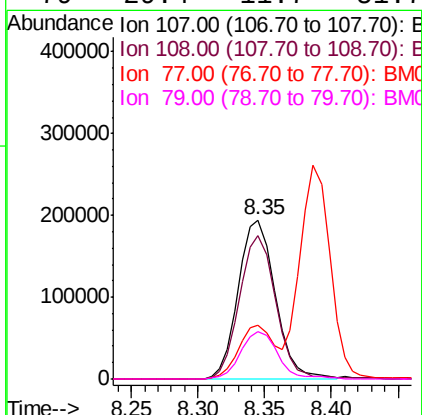
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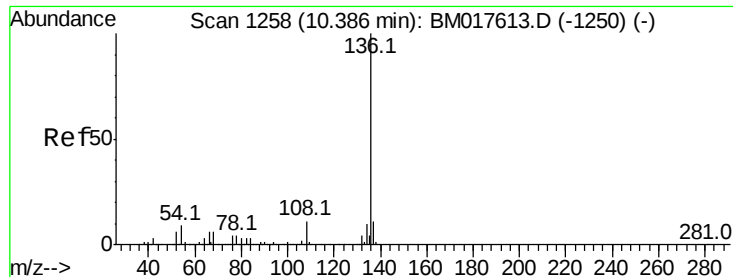
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#20
3+4-Methylphenols
Concen: 32.926 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.0	107.0
77	33.5	15.6	55.6
79	29.4	11.7	51.7





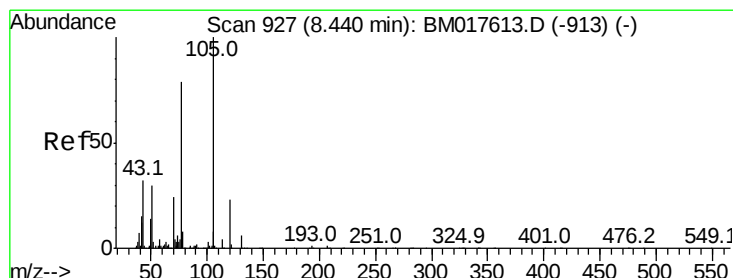
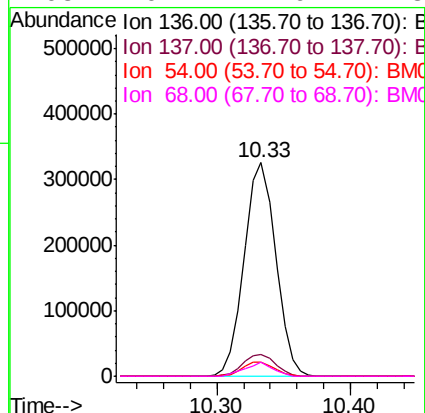
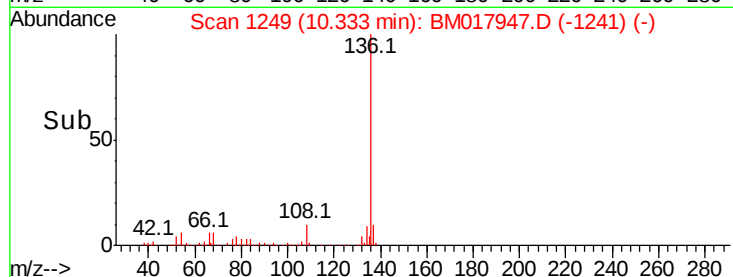
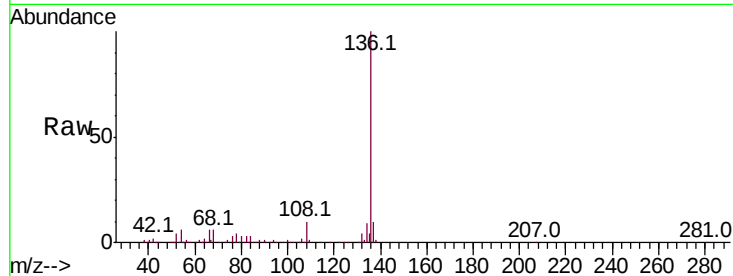
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.6	12.8	
54	6.5	7.0	10.6	
68	6.4	4.9	7.3	

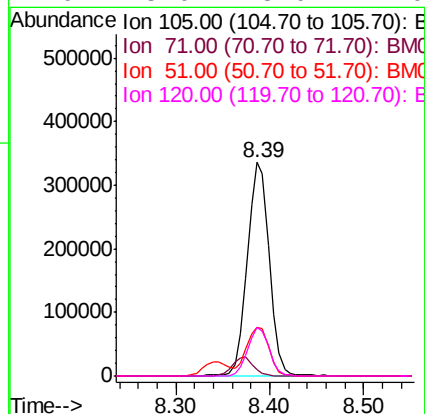
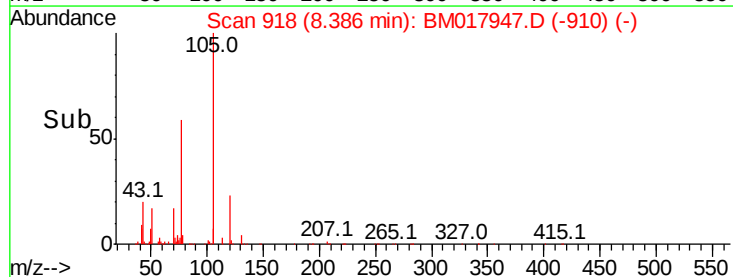
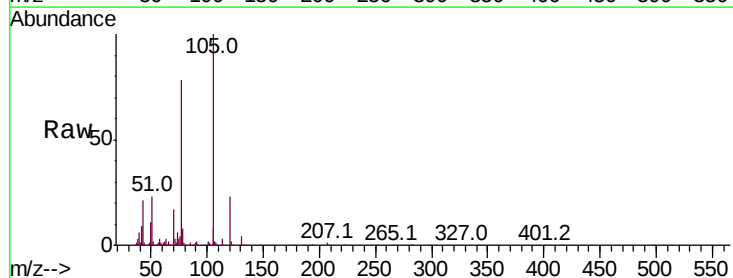
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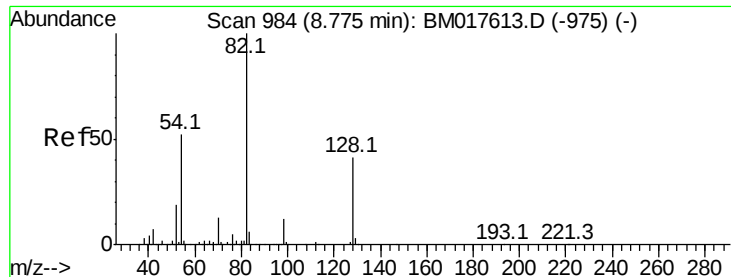
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#22
Acetophenone
Concen: 40.794 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.1	4.7	
51	23.1	23.8	35.8	
120	23.0	18.0	27.0	





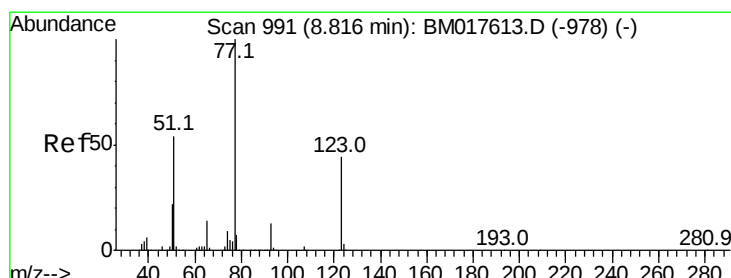
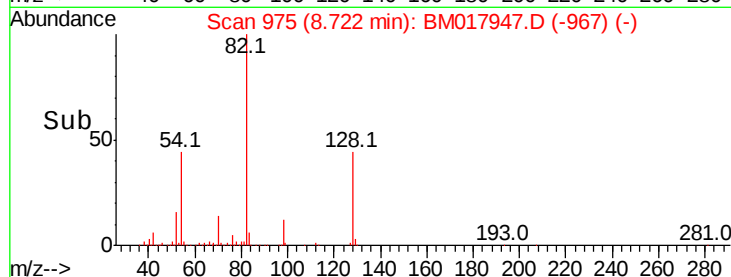
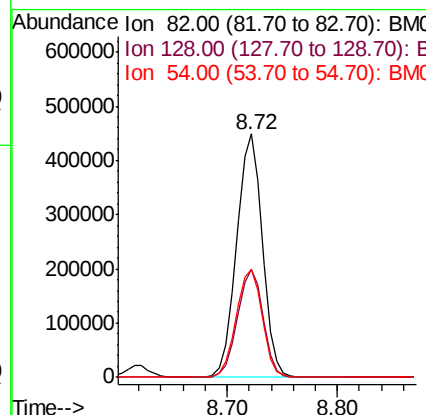
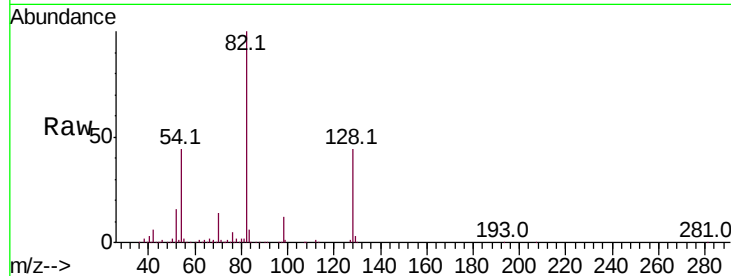
#23
 Nitrobenzene-d5
 Concen: 71.364 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.0	49.4
54	44.1	41.4	62.2

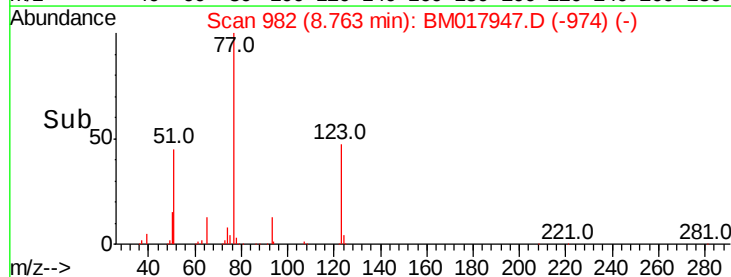
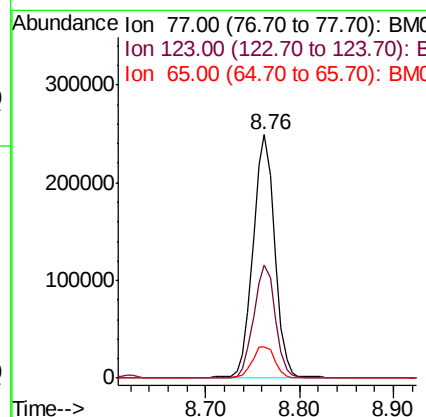
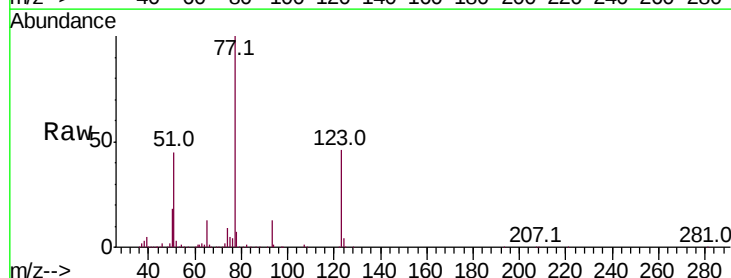
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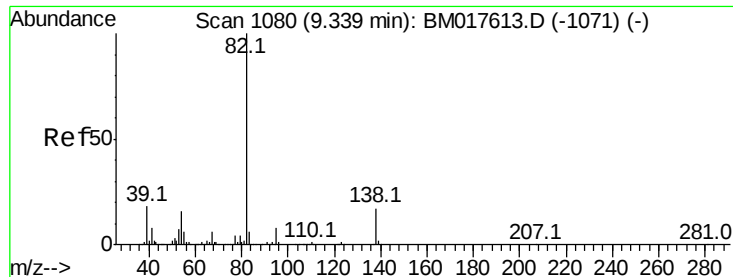
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#24
 Nitrobenzene
 Concen: 37.846 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.1	52.7
65	13.0	11.0	16.6





#25

Isophorone

Concen: 44.193 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

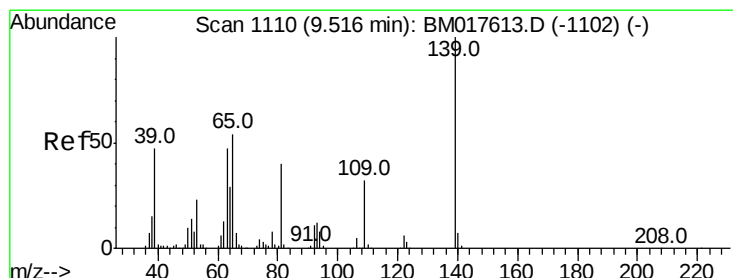
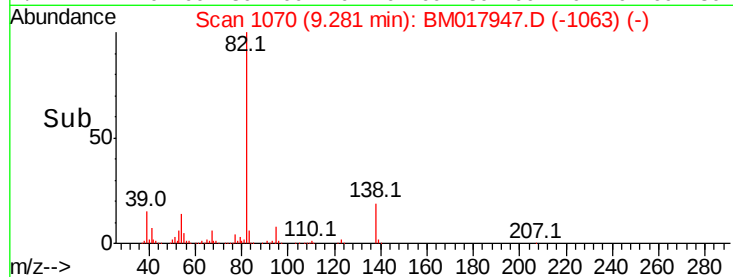
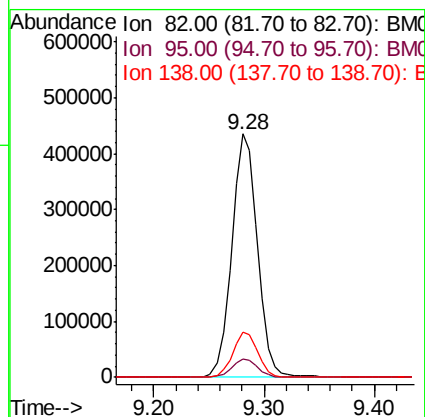
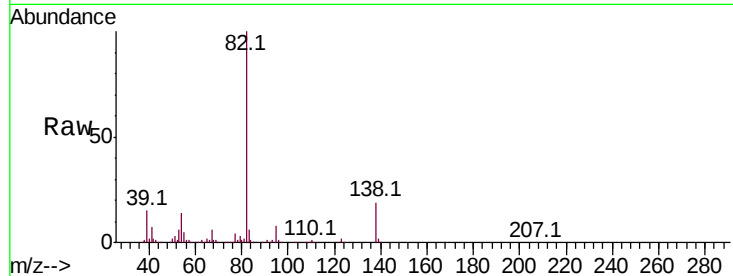
ClientSampled :

RO-331MS

Tot Ion:	82	Resp:	706349
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.1	9.1
138	18.8	13.9	20.9

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#26

2-Nitrophenol

Concen: 41.479 ng

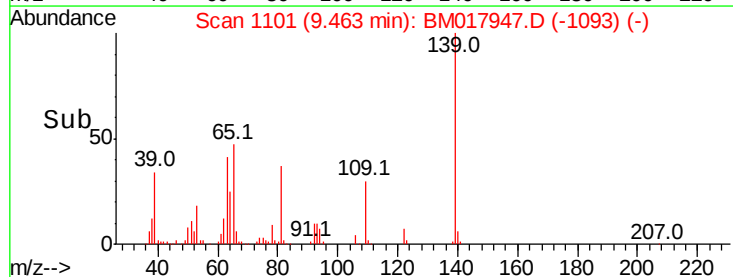
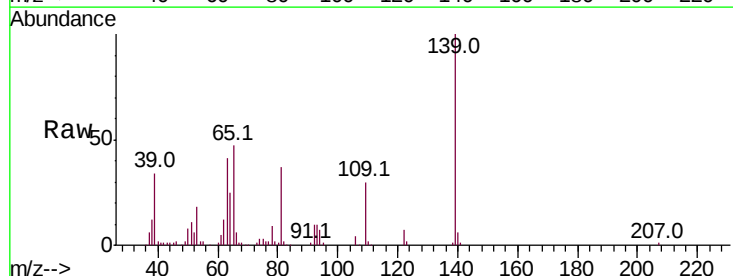
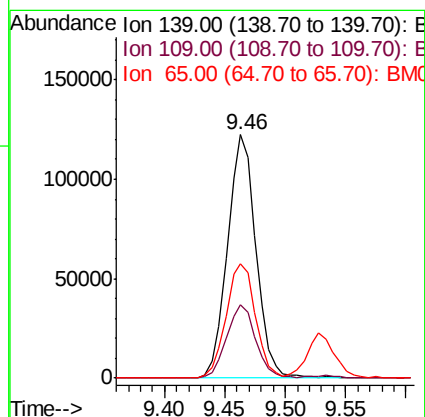
RT: 9.46 min Scan# 1101

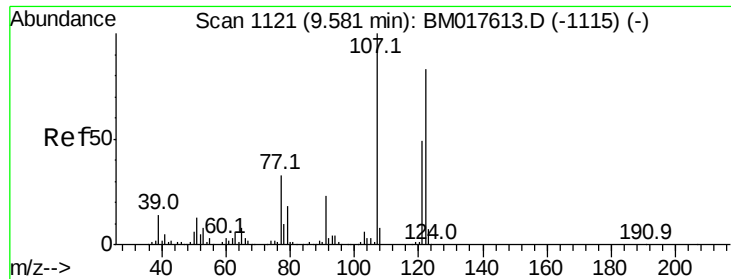
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion:	139	Resp:	200596
Ion Ratio	Lower	Upper	
139	100		
109	30.2	25.9	38.9
65	46.8	43.0	64.4





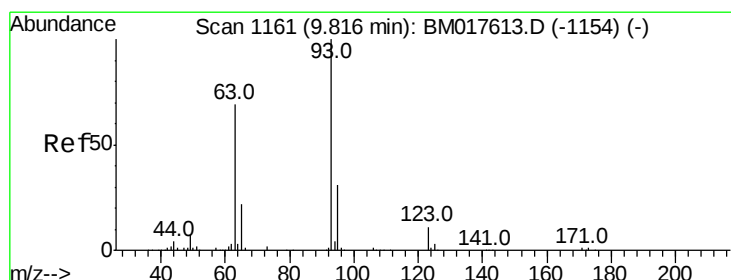
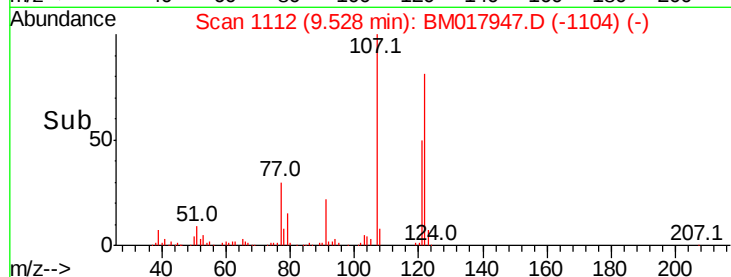
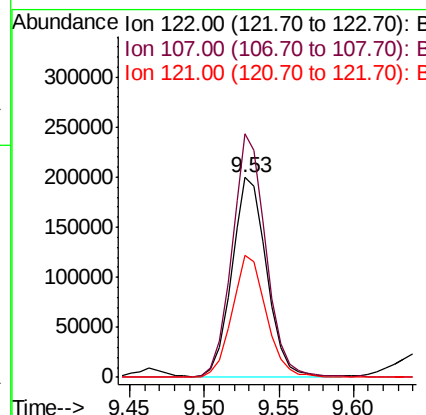
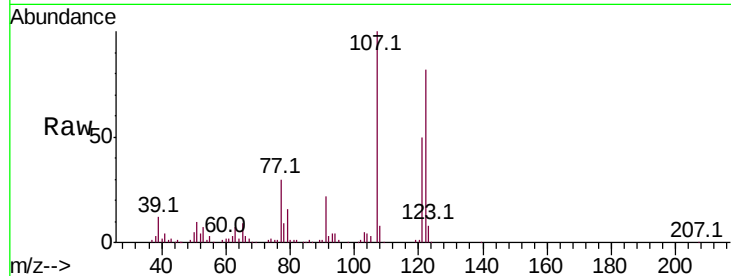
#27
 2,4-Dimethylphenol
 Concen: 46.329 ng
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	322902		
107	121.9	95.8	143.8	
121	61.0	47.2	70.8	

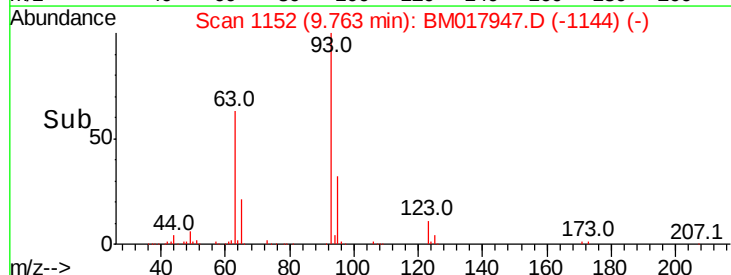
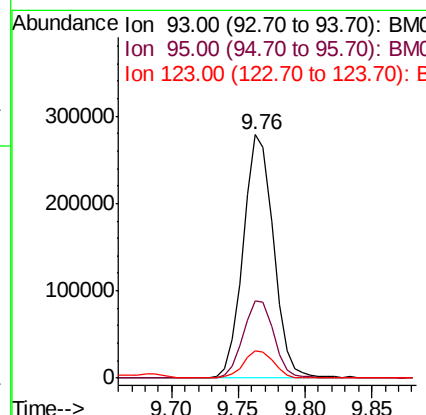
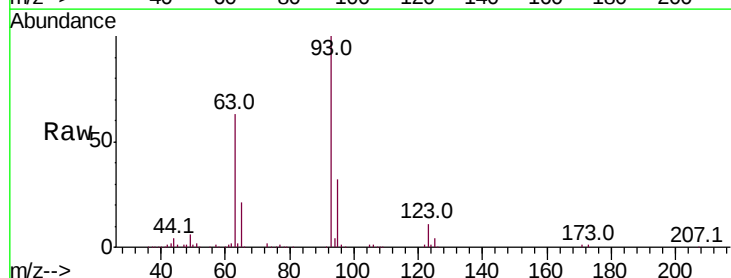
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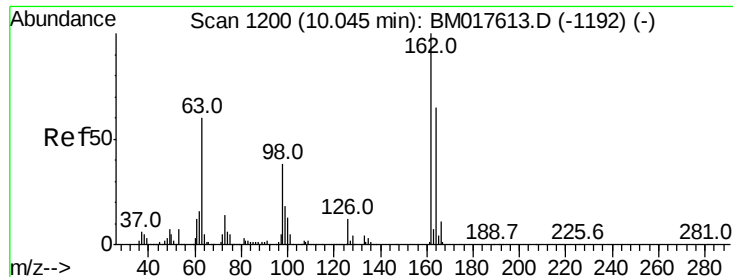
mohammad
 12/6/2018 12:20:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.488 ng
 RT: 9.76 min Scan# 1152
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	438286		
95	31.9	24.9	37.3	
123	11.2	8.7	13.1	





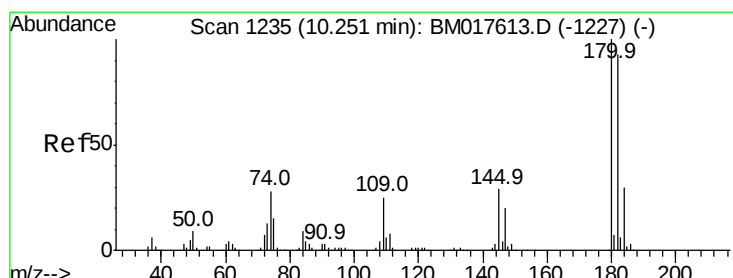
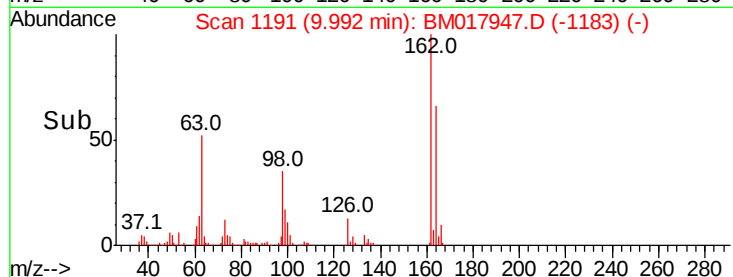
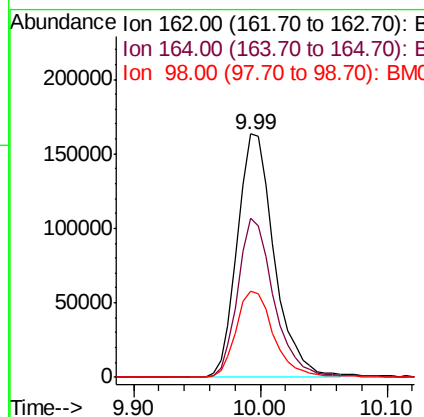
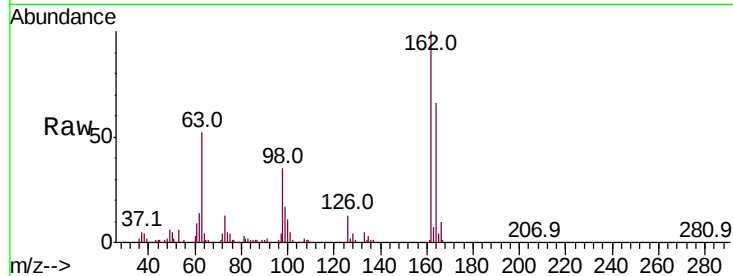
#29
2,4-Dichlorophenol
Concen: 40.918 ng
RT: 9.99 min Scan# 1191
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	331063		
164	65.5	45.0	85.0	
98	35.2	17.5	57.5	

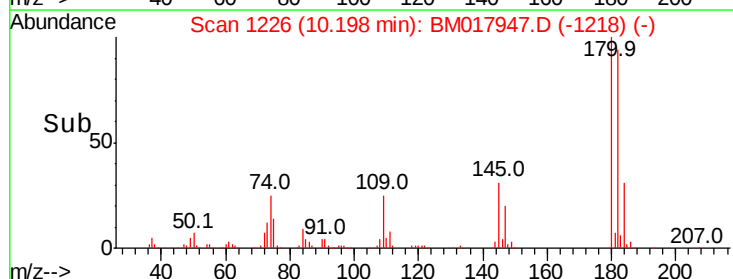
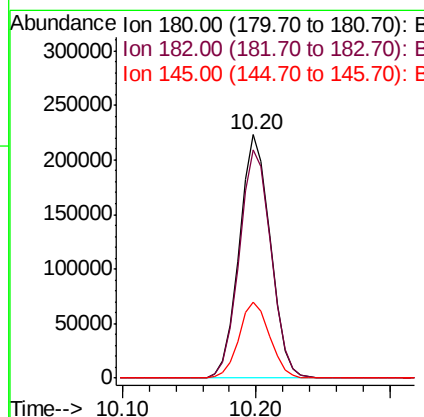
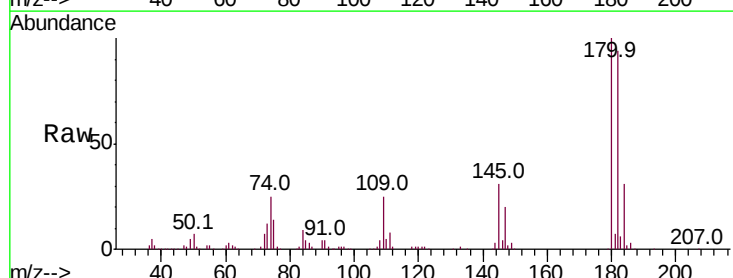
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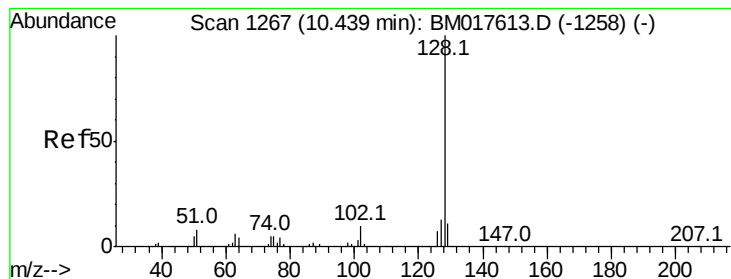
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.121 ng
RT: 10.20 min Scan# 1226
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	358722		
182	94.0	74.4	111.6	
145	31.4	23.5	35.3	





#31

Naphthalene

Concen: 42.086 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.06 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

RO-331MS

Tot Ion:128 Resp: 1105465

Ion Ratio Lower Upper

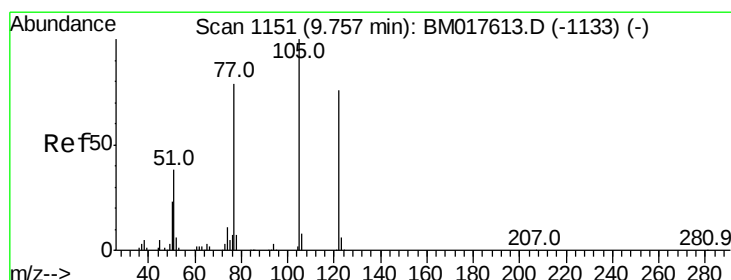
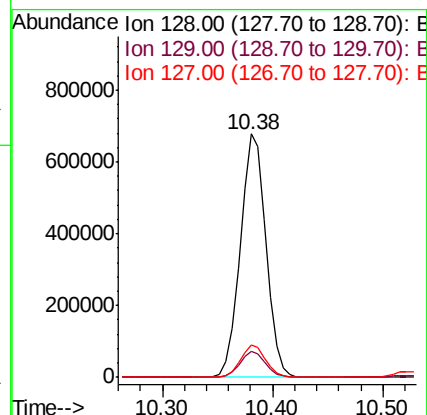
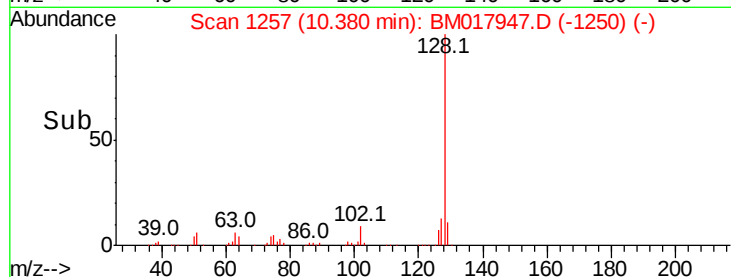
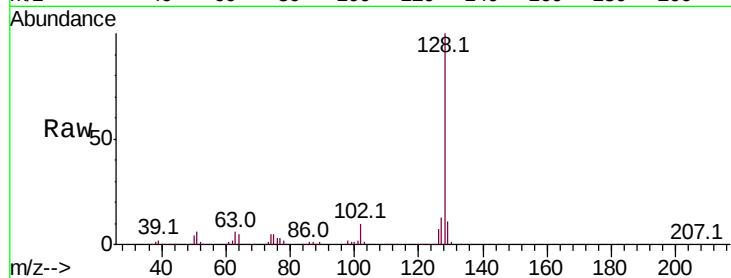
128 100

129 10.7 8.6 12.8

127 13.1 10.3 15.5

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#32

Benzoic acid

Concen: 29.151 ng m

RT: 9.69 min Scan# 1139

Delta R.T. -0.07 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

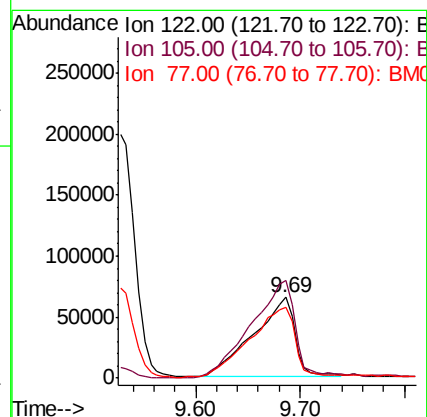
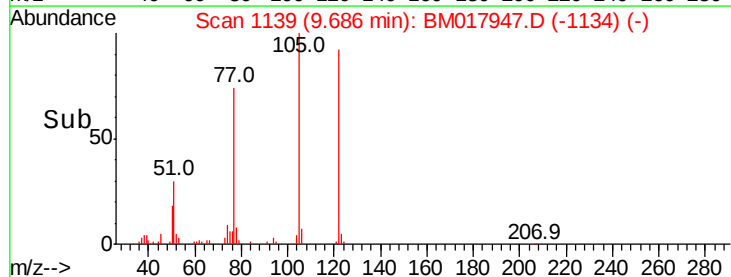
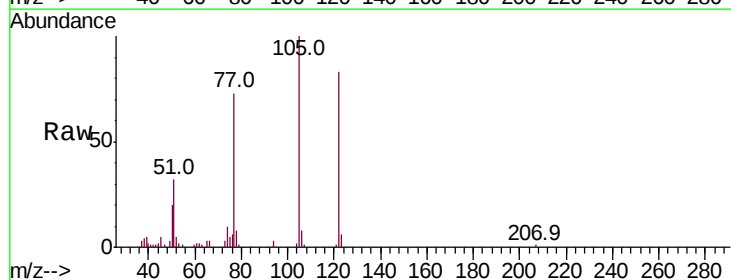
Tgt Ion:122 Resp: 184050

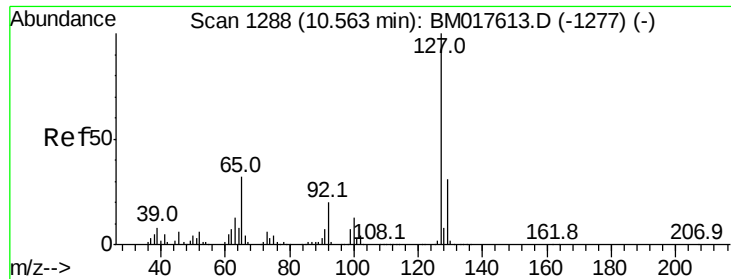
Ion Ratio Lower Upper

122 100

105 120.4 109.1 149.1

77 87.9 82.1 122.1





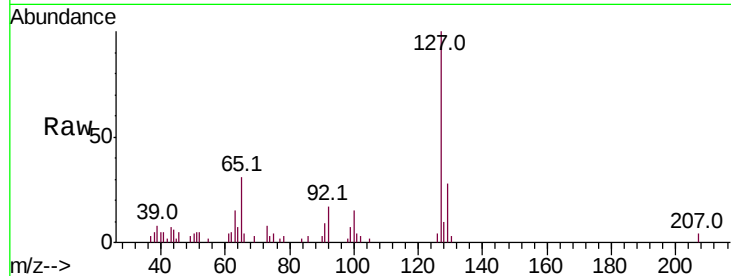
#33
4-Chloroaniline
Concen: 3.108 ng
RT: 10.52 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

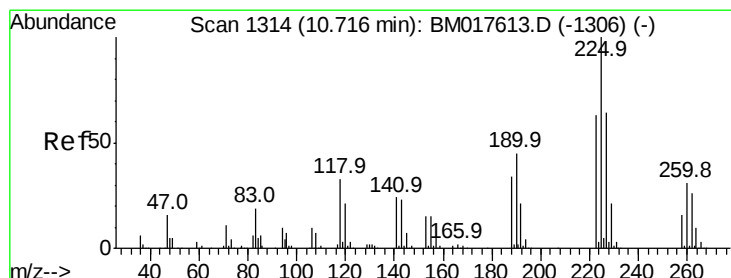
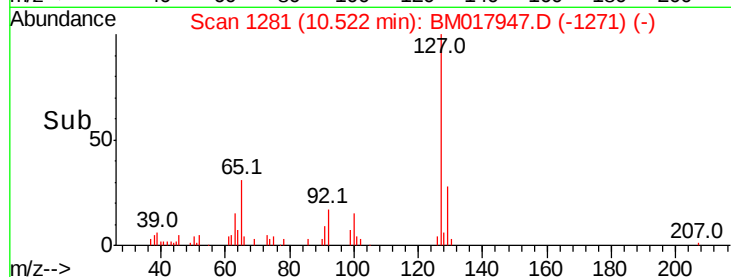
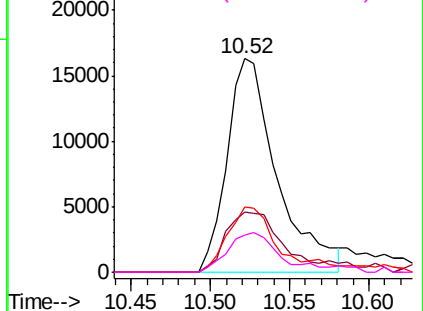
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	28.3	25.0	37.4
65	30.6	25.8	38.8
92	17.5	15.8	23.6

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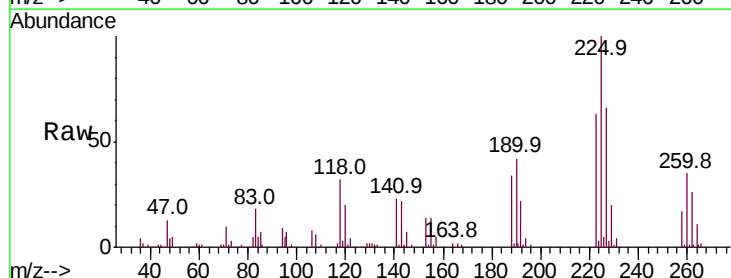


Abundance Ion 127.00 (126.70 to 127.70): E
25000 Ion 129.00 (128.70 to 129.70): E
20000 Ion 65.00 (64.70 to 65.70): BM
15000 Ion 92.00 (91.70 to 92.70): BM

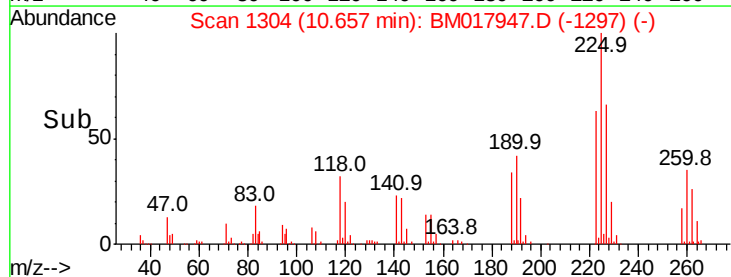
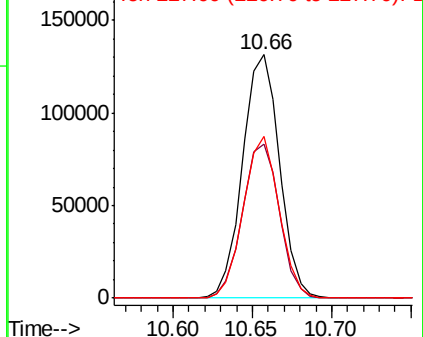


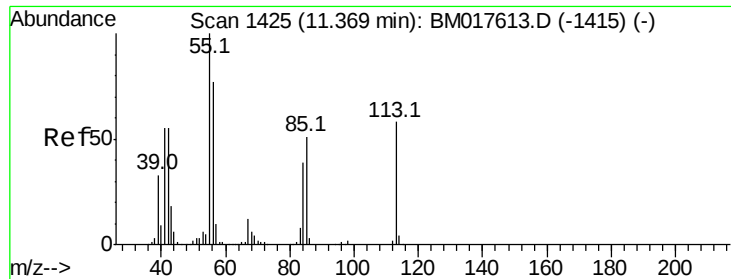
#34
Hexachlorobutadiene
Concen: 36.552 ng
RT: 10.66 min Scan# 1304
Delta R.T. -0.06 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.2	50.7	76.1
227	66.4	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
150000 Ion 223.00 (222.70 to 223.70): E
100000 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.981 ng/ml

RT: 11.31 min Scan# 1415

Delta R.T. -0.06 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

RO-331MS

Tot Ion:113 Resp: 68473

Ion Ratio Lower Upper

113 100

55 138.2 153.1 193.1#

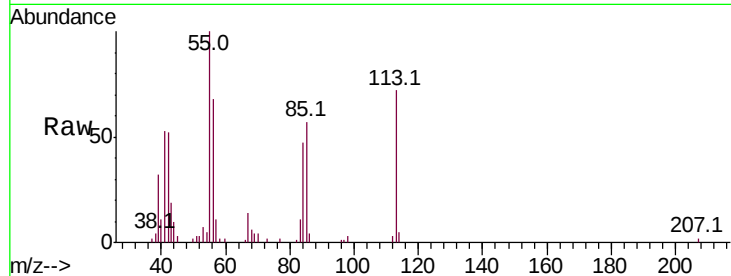
56 94.6 112.7 152.7#

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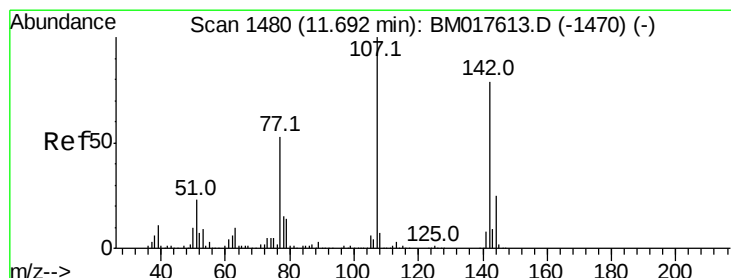
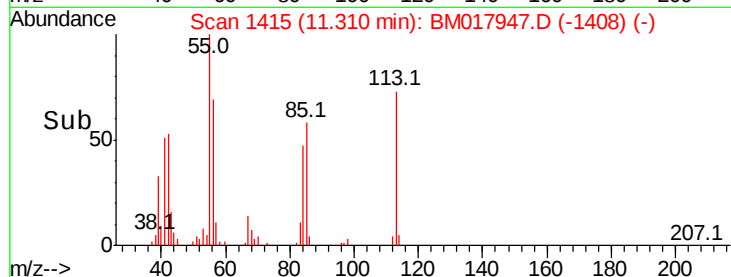
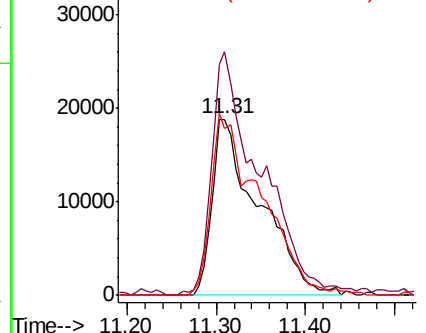
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.680 ng/ml

RT: 11.65 min Scan# 1472

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

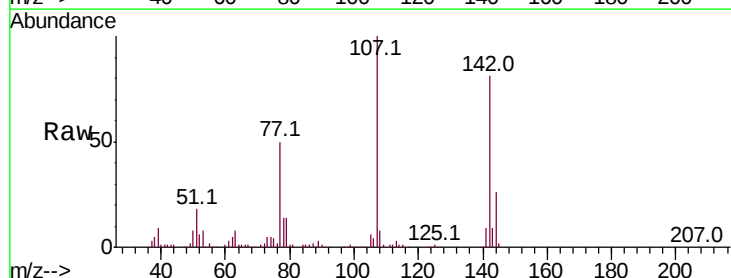
Tgt Ion:107 Resp: 342632

Ion Ratio Lower Upper

107 100

144 25.8 19.9 29.9

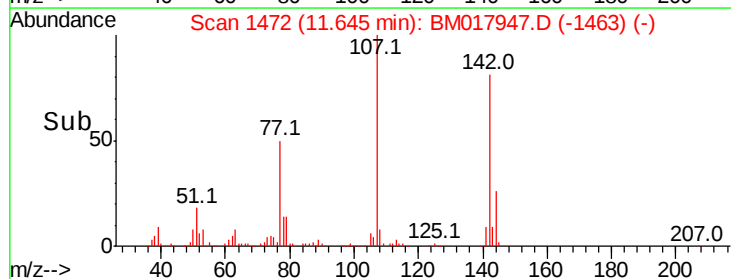
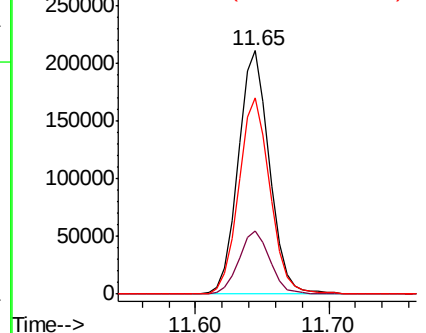
142 80.7 63.0 94.4

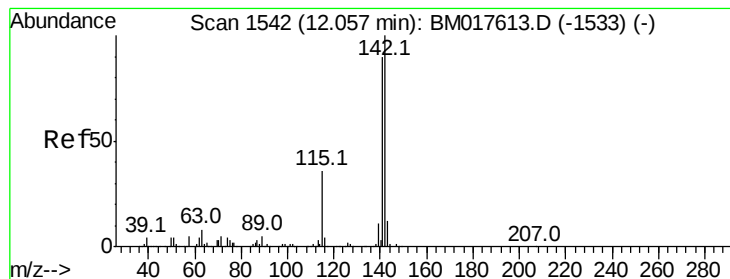


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





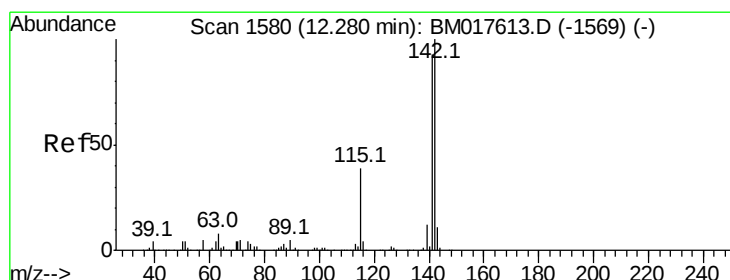
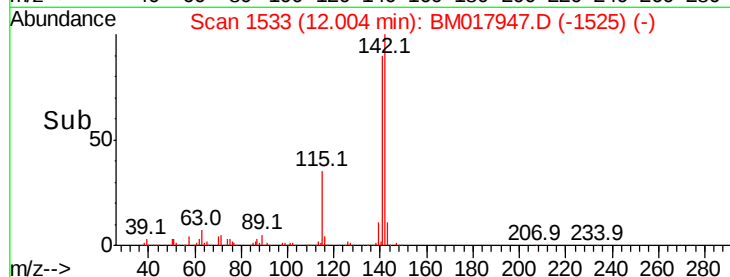
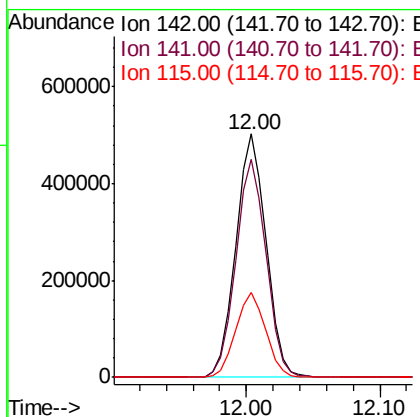
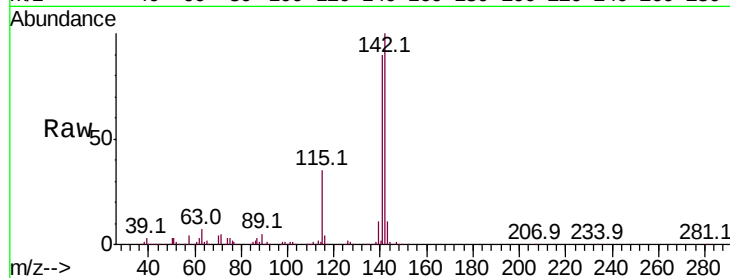
#37
2-Methylnaphthalene
Concen: 42.558 ng
RT: 12.00 min Scan# 1533
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	790061		
141	89.8	72.2	108.4	
115	34.9	28.5	42.7	

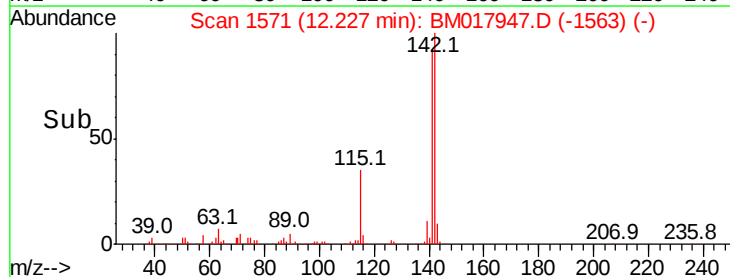
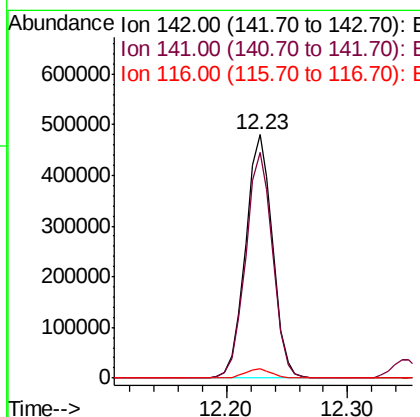
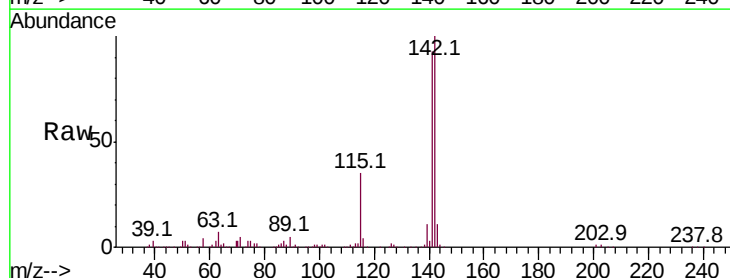
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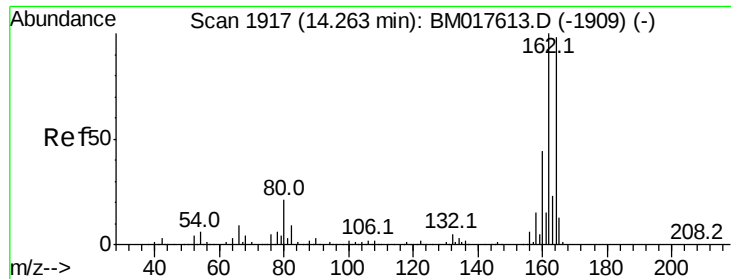
mohammad
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#38
1-Methylnaphthalene
Concen: 41.194 ng
RT: 12.23 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	749837		
141	92.6	74.2	111.4	
116	3.8	3.1	4.7	





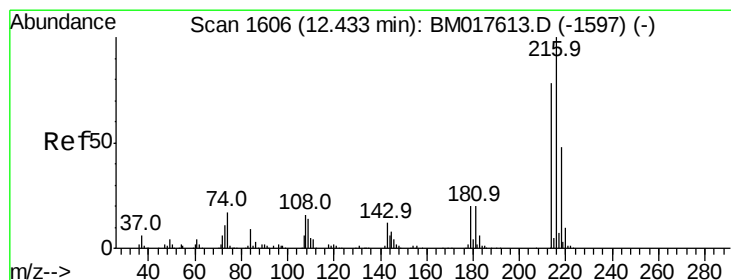
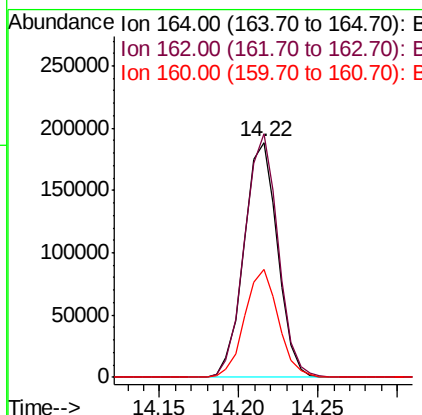
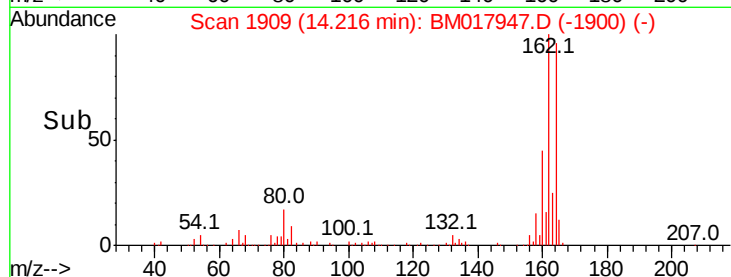
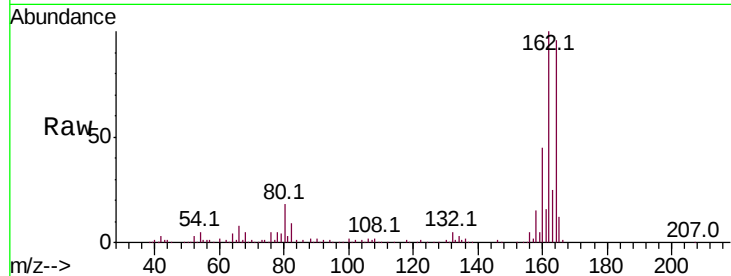
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	46.2	35.6	53.4

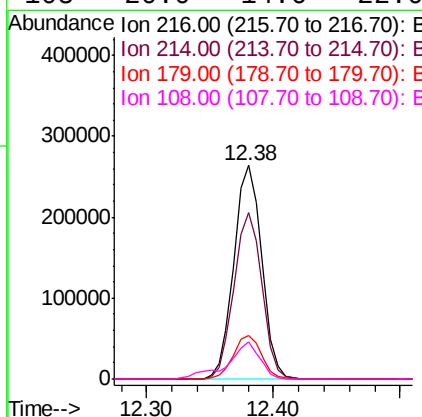
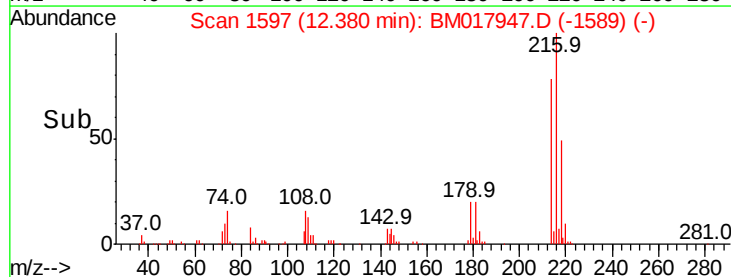
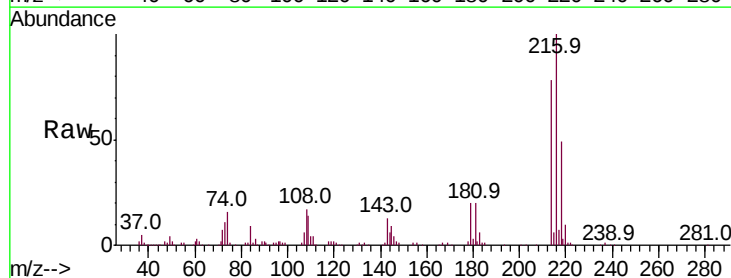
Manual Integrations
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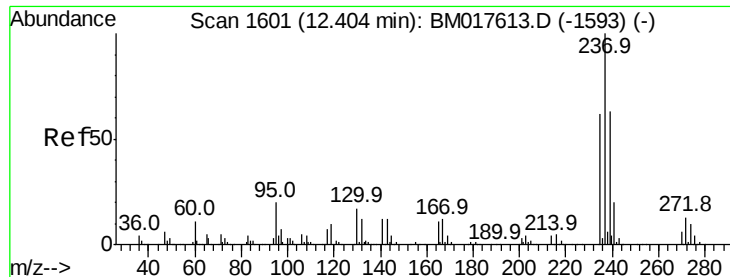
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.031 ng
RT: 12.38 min Scan# 1597
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
179	20.6	16.8	25.2
108	20.0	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 93.222 ng

RT: 12.35 min Scan# 1592

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

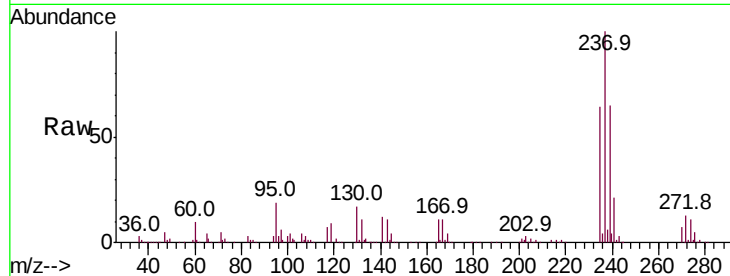
ClientSampleId :

RO-331MS

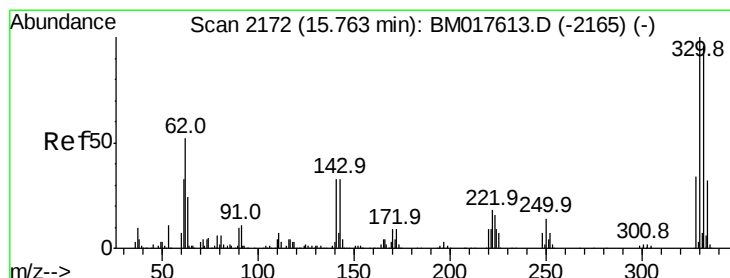
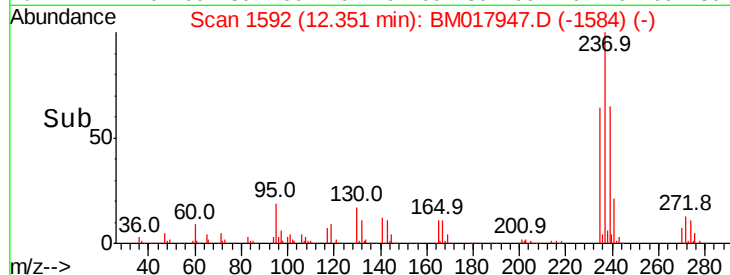
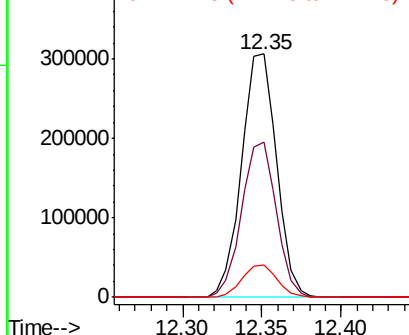
Tot Ion:	237	Resp:	470459
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.2	82.2
272	13.3	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 111.306 ng

RT: 15.72 min Scan# 2164

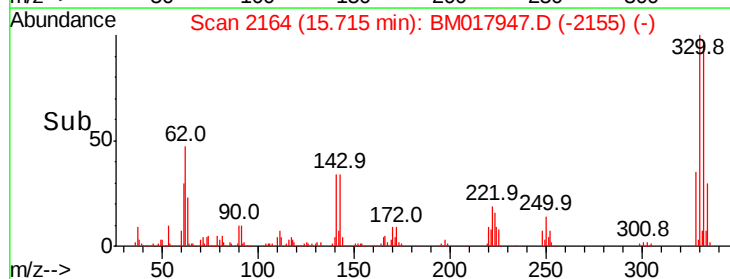
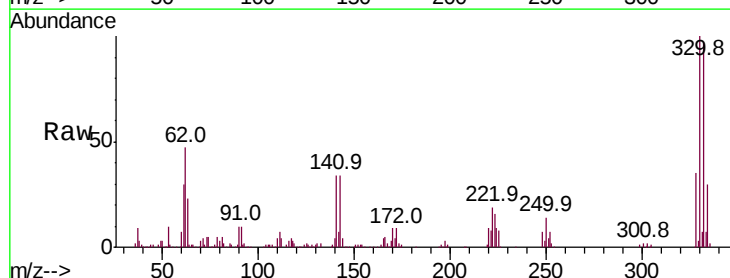
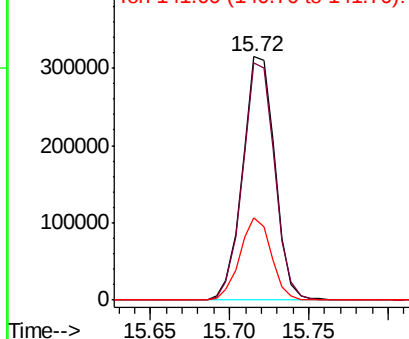
Delta R.T. -0.05 min

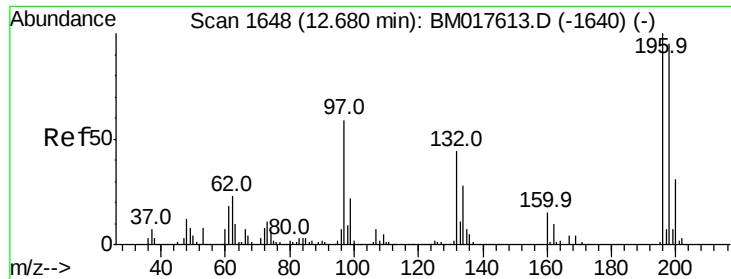
Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion:	330	Resp:	442952
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.9	116.9
141	33.0	27.5	41.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





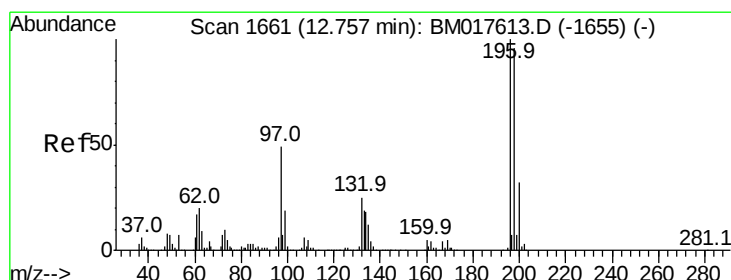
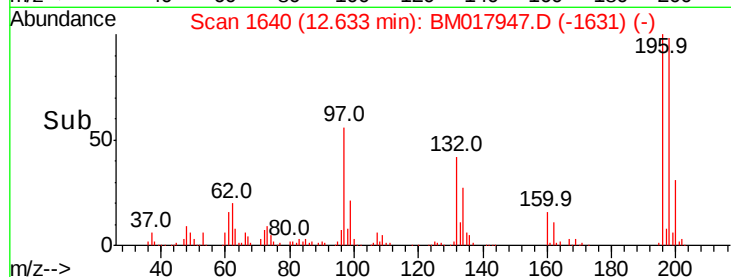
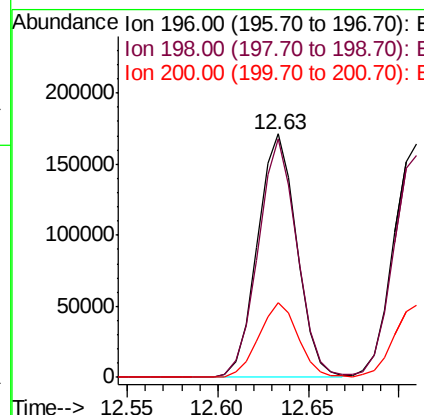
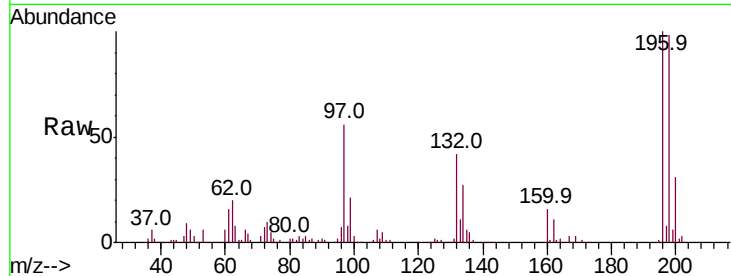
#43
 2,4,6-Trichlorophenol
 Concen: 42.070 ng
 RT: 12.63 min Scan# 1640
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257357		
198	97.9	75.6	113.4	
200	30.9	24.8	37.2	

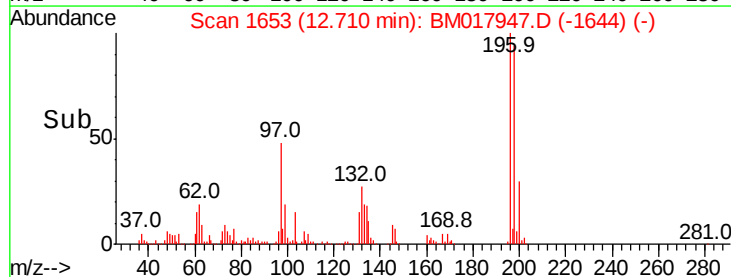
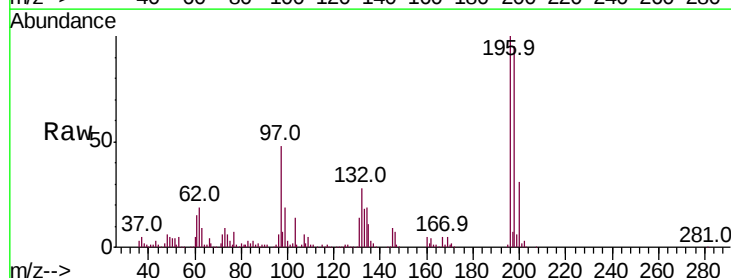
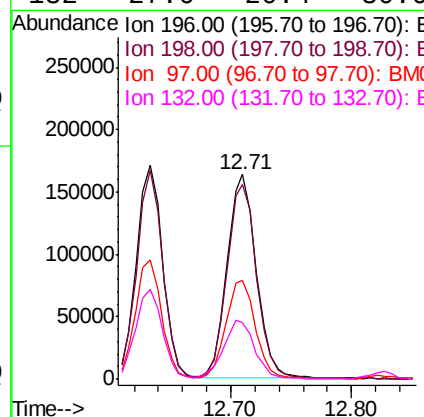
Manual Integrations
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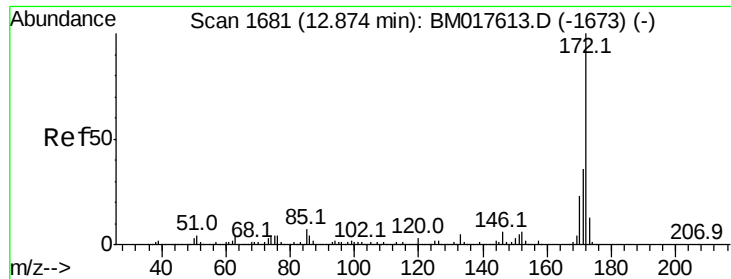
mohammad
 12/6/2018 12:20:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.322 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.05 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273365		
198	95.2	76.8	115.2	
97	48.3	39.0	58.6	
132	27.6	20.4	30.6	





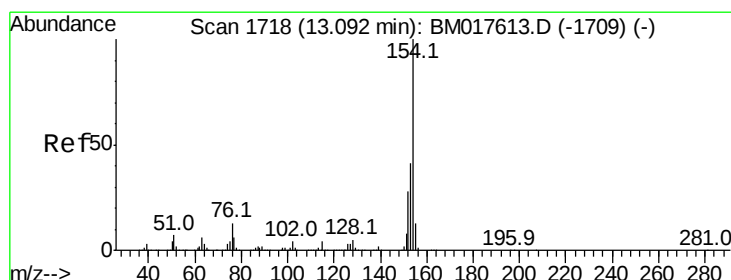
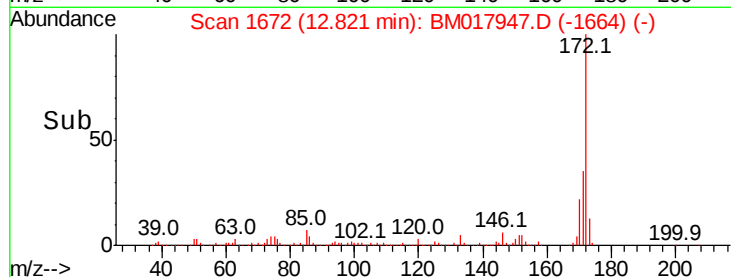
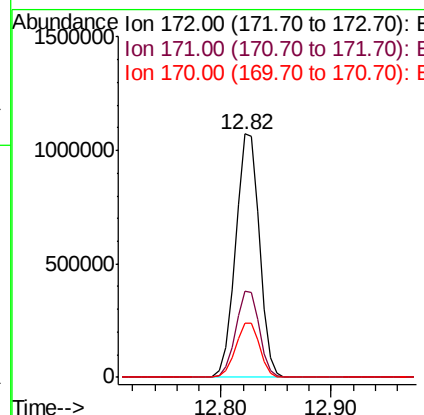
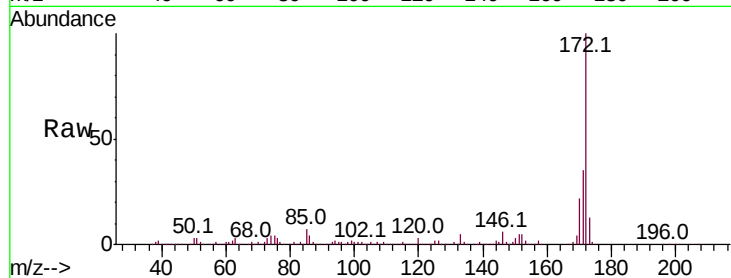
#45
2-Fluorobiphenyl
Concen: 76.051 ng
RT: 12.82 min Scan# 1672
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.2	18.3	27.5

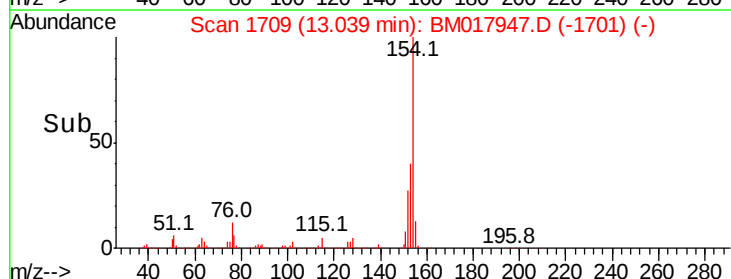
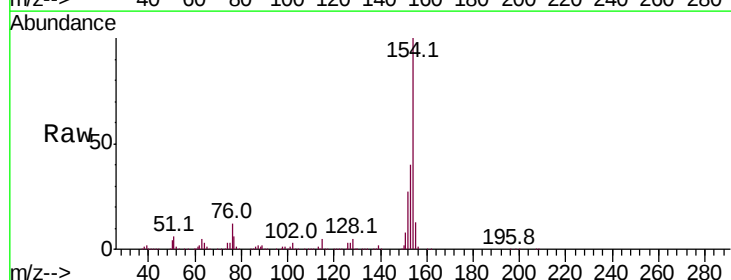
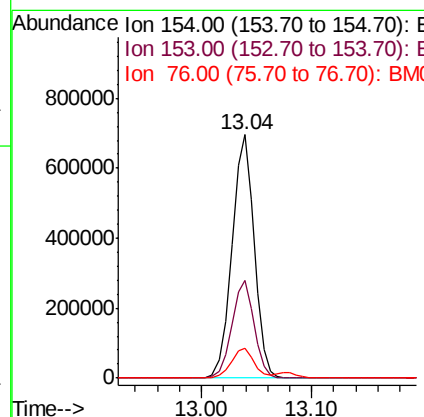
Manual Integrations
APPROVED

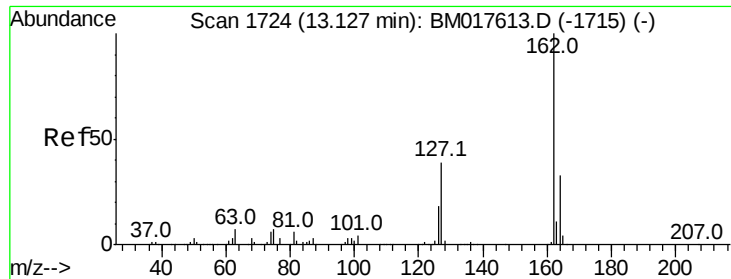
mohammad
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#46
1,1'-Biphenyl
Concen: 39.395 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	12.0	0.0	32.8





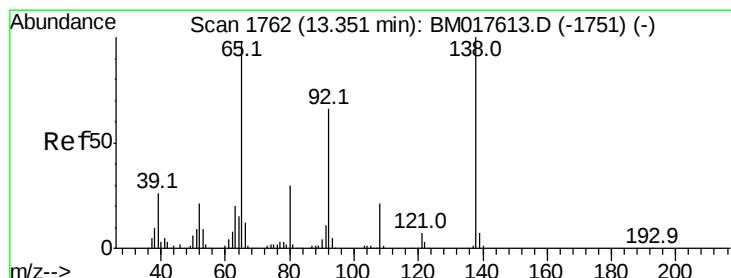
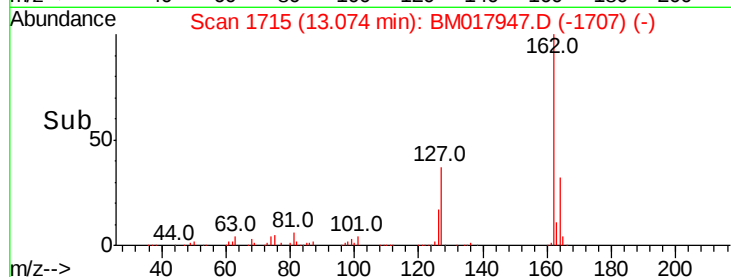
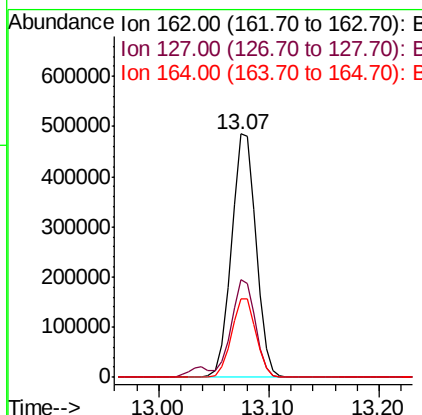
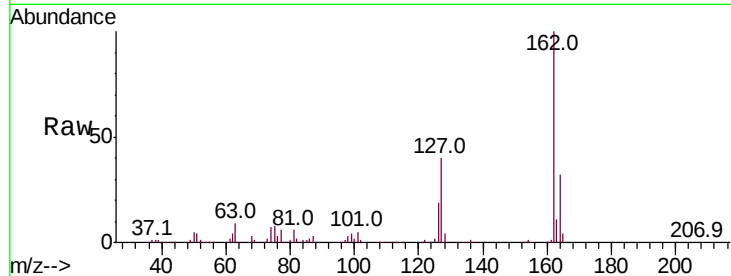
#47
2-Chloronaphthalene
Concen: 41.230 ng
RT: 13.07 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	32.6	48.8	
164	32.5	26.5	39.7	

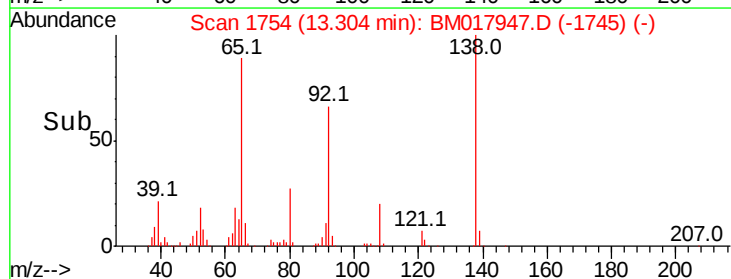
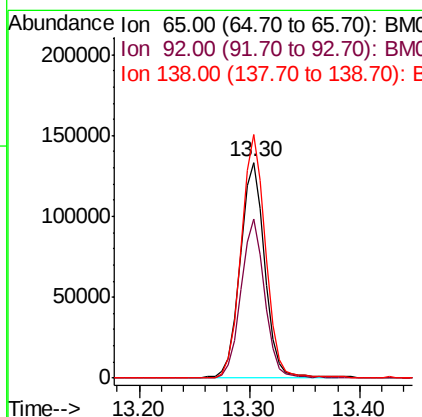
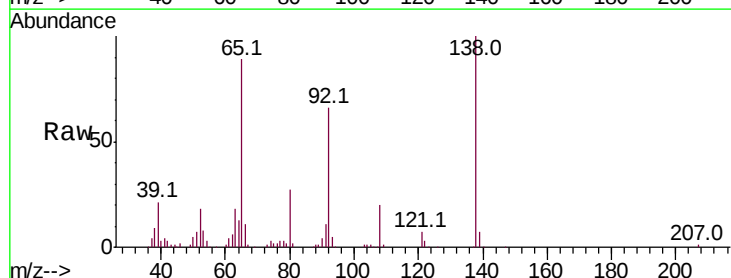
Manual Integrations
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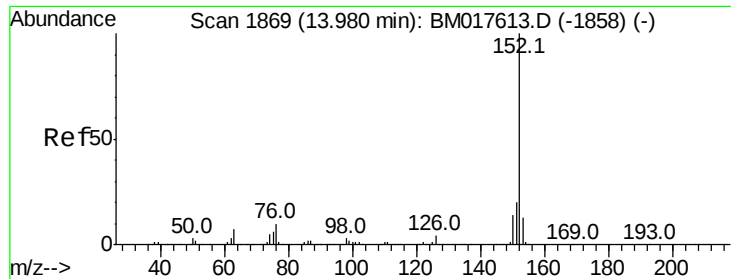
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#48
2-Nitroaniline
Concen: 36.755 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.0	53.7	80.5	
138	112.8	81.5	122.3	





#49

Acenaphthylene

Concen: 43.871 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

RO-331MS

Tot Ion:152 Resp: 1216298

Ion Ratio Lower Upper

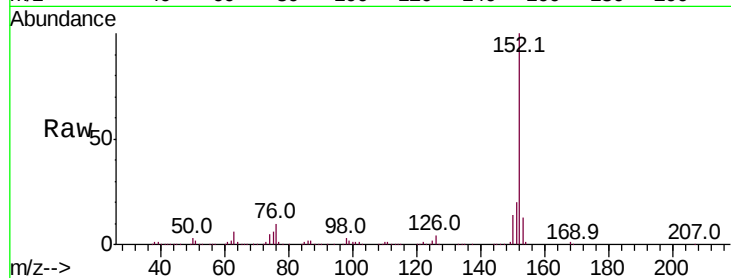
152 100

151 19.7 15.9 23.9

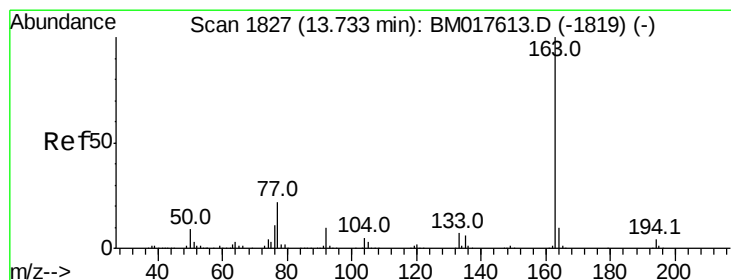
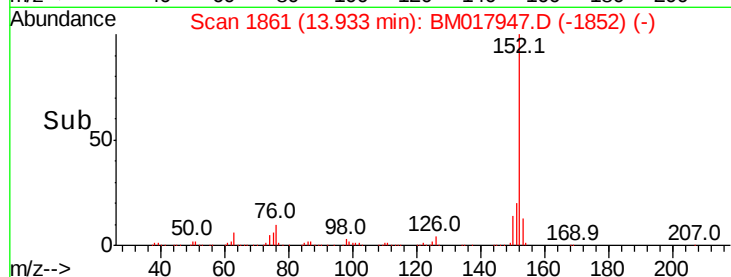
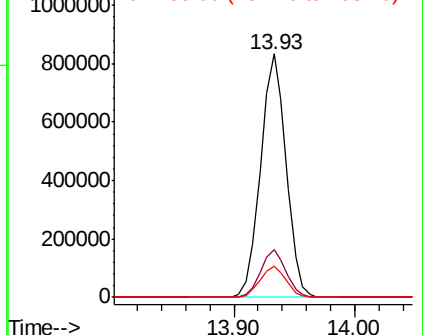
153 12.9 10.5 15.7

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



#50

Dimethylphthalate

Concen: 40.351 ng

RT: 13.69 min Scan# 1819

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

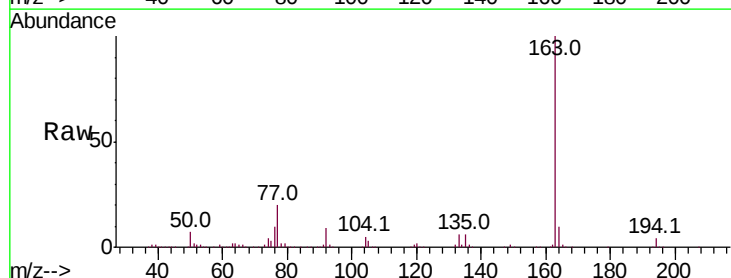
Tgt Ion:163 Resp: 908626

Ion Ratio Lower Upper

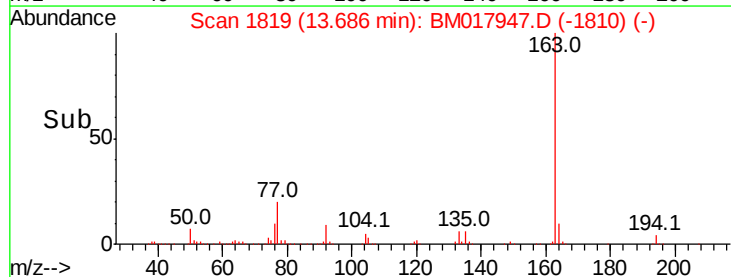
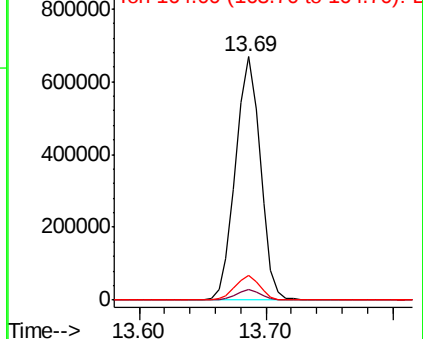
163 100

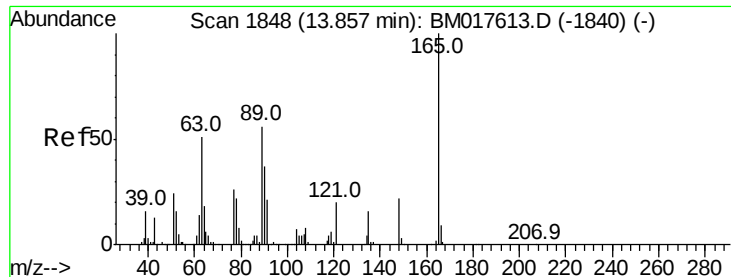
194 4.2 3.1 4.7

164 10.0 8.2 12.4



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





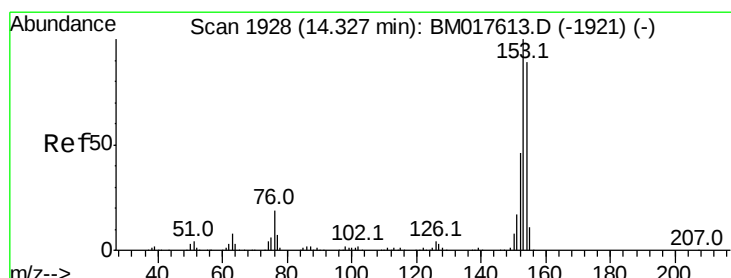
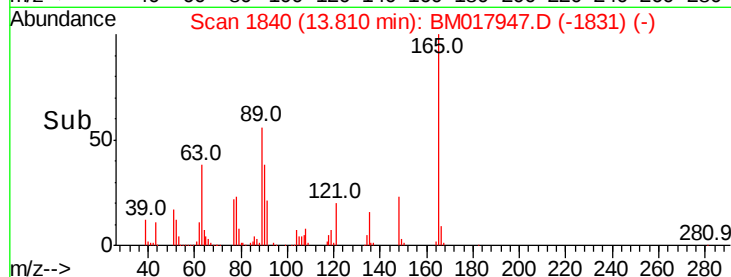
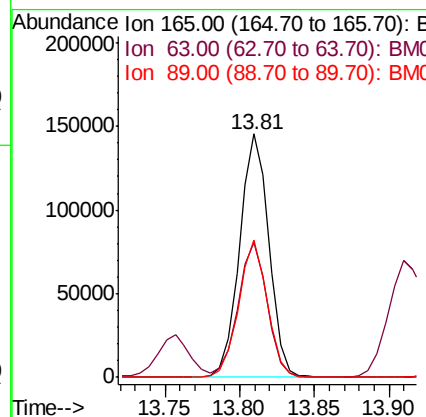
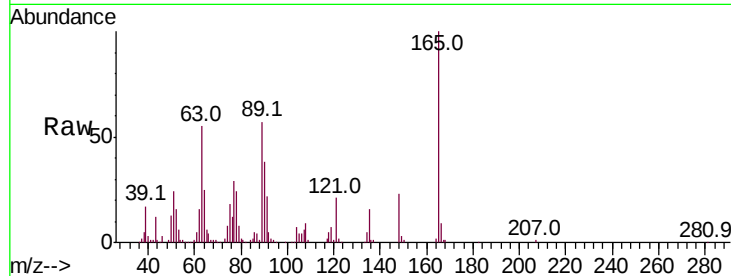
#51
2,6-Dinitrotoluene
Concen: 39.624 ng
RT: 13.81 min Scan# 1840
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198686		
63	55.3	47.3	70.9	
89	56.6	44.8	67.2	

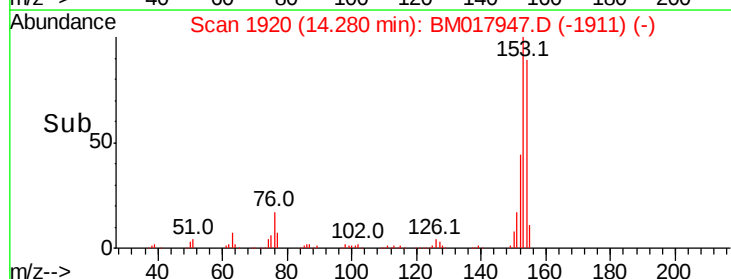
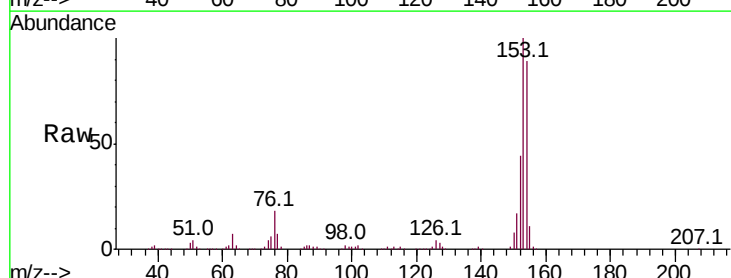
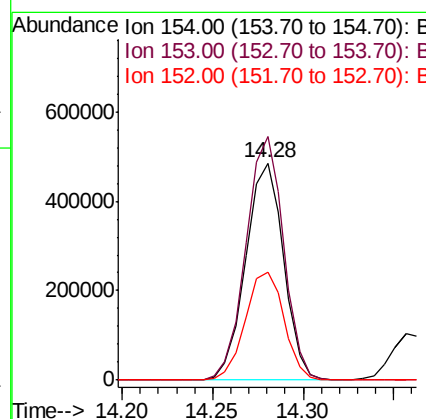
Manual Integrations
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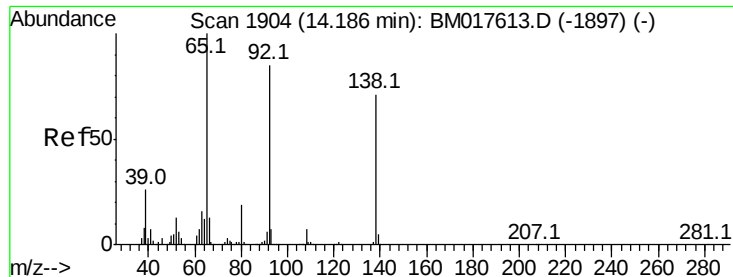
mohammad
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#52
Acenaphthene
Concen: 41.403 ng
RT: 14.28 min Scan# 1920
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	704446		
153	112.1	90.2	135.4	
152	49.9	41.6	62.4	





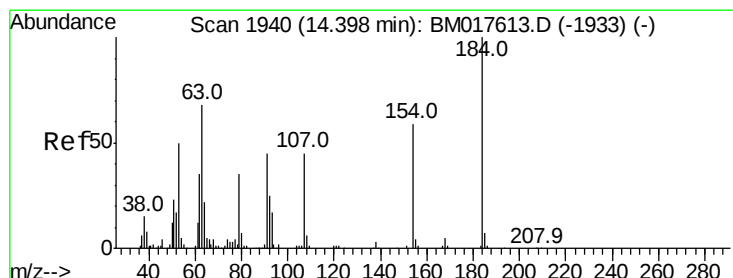
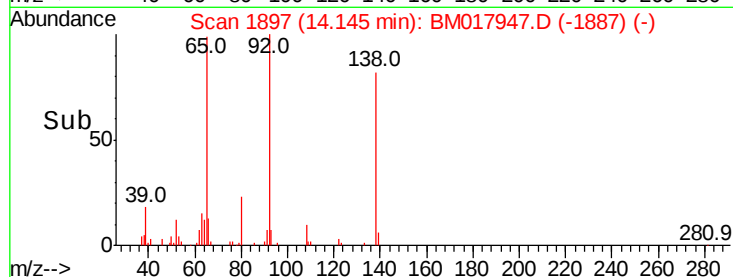
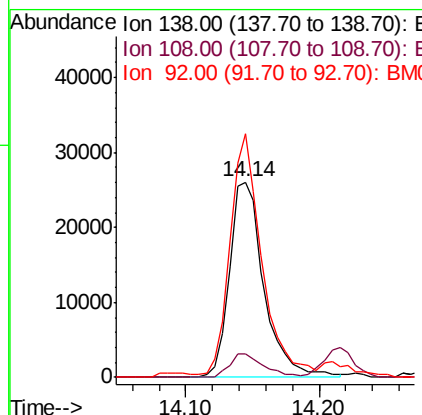
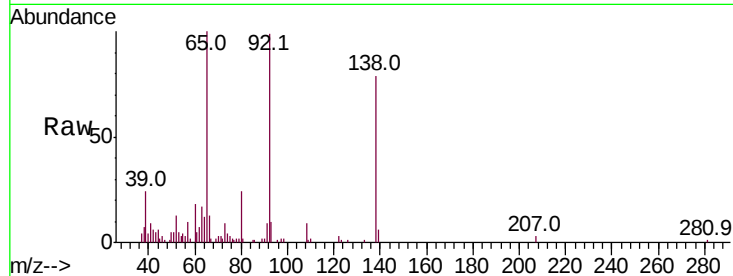
#53
 3-Nitroaniline
 Concen: 8.619 ng
 RT: 14.14 min Scan# 1897
 Delta R.T. -0.04 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.2	12.2
92	124.6	95.4	143.2

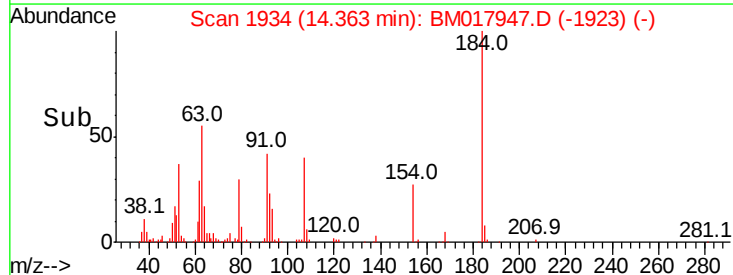
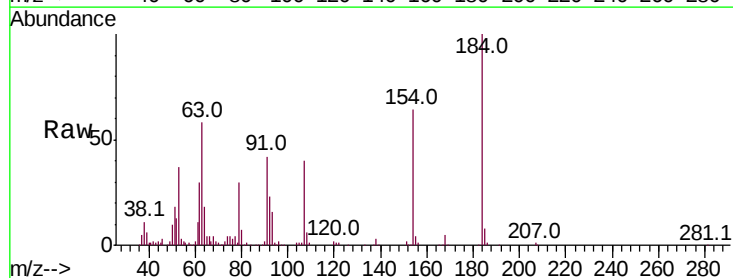
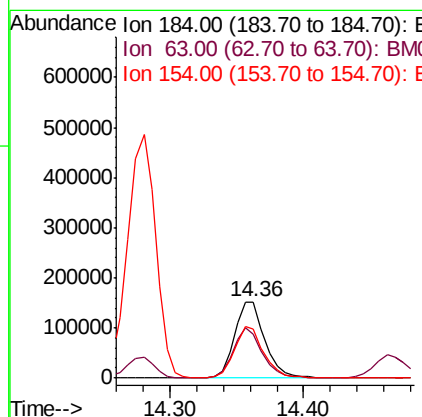
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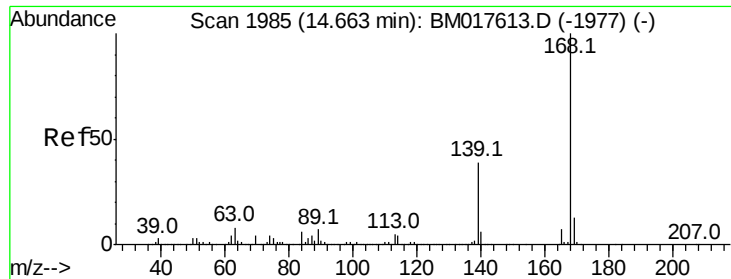
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 78.854 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.03 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	55.1	82.7
154	63.6	51.3	76.9





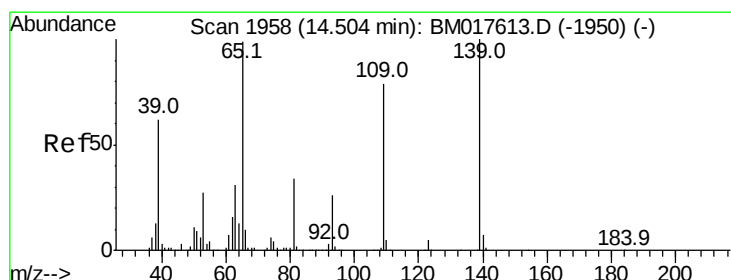
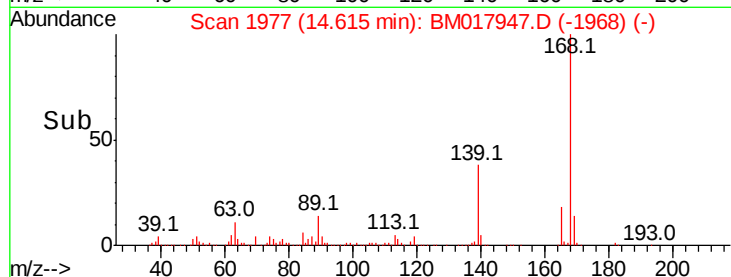
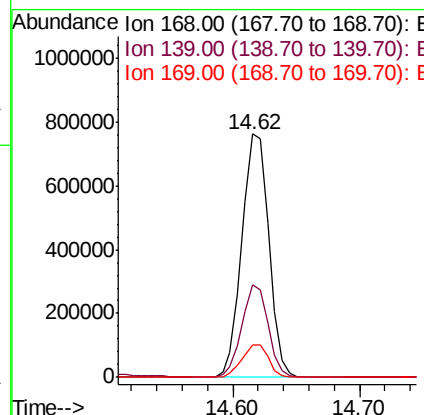
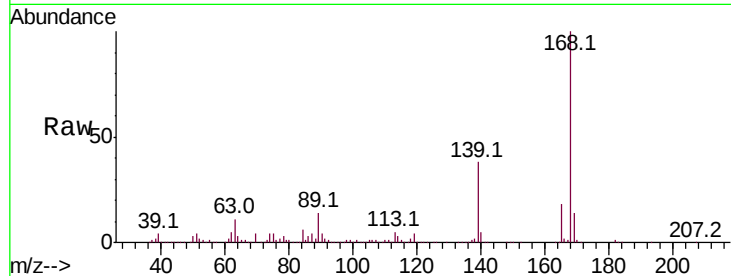
#55
Dibenzofuran
Concen: 40.224 ng
RT: 14.62 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	13.5	10.6	16.0

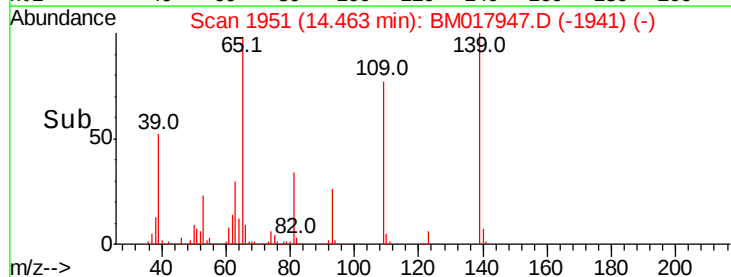
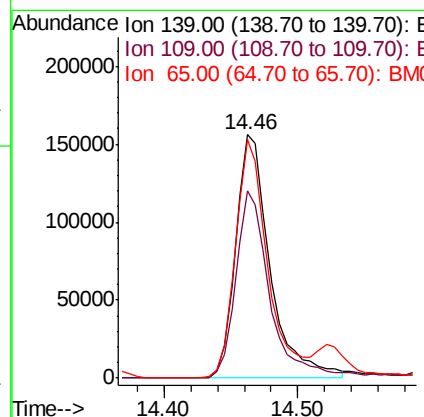
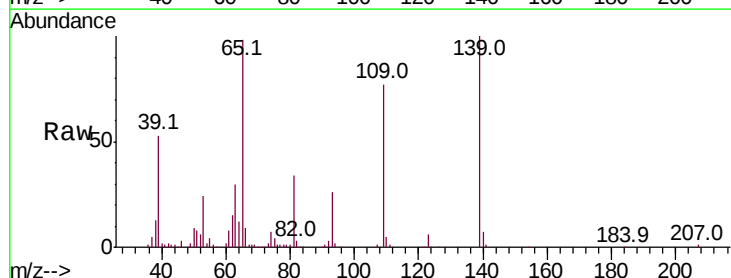
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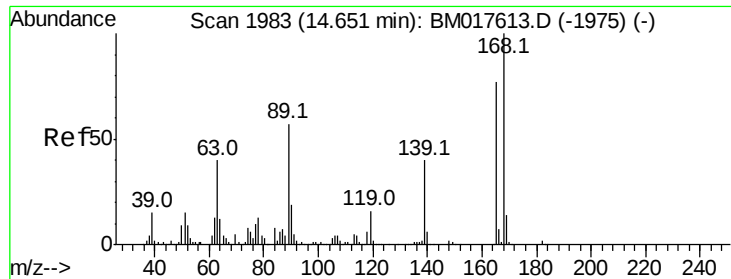
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#56
4-Nitrophenol
Concen: 62.318 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.1	58.6	98.6
65	97.7	79.5	119.5





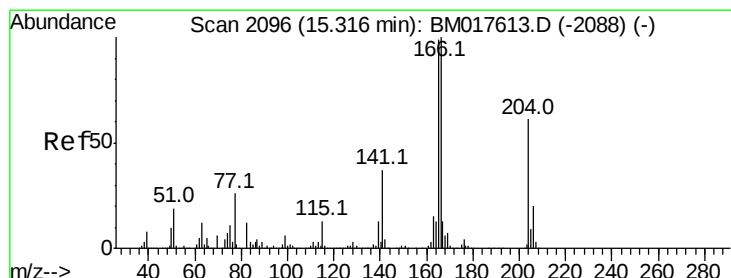
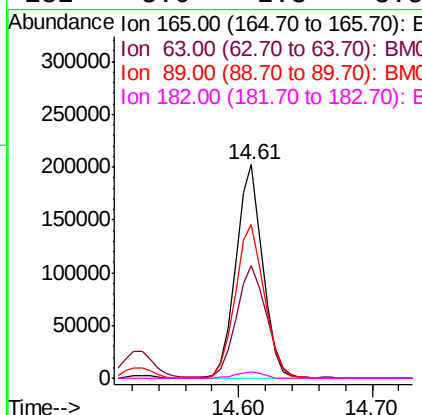
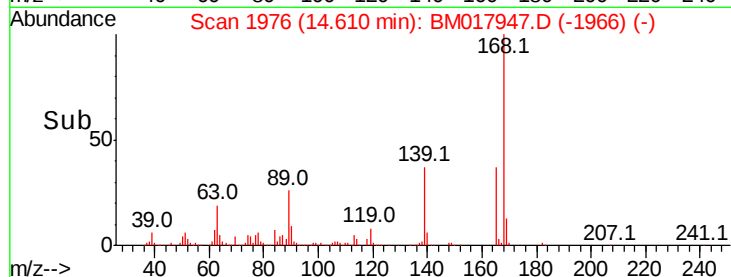
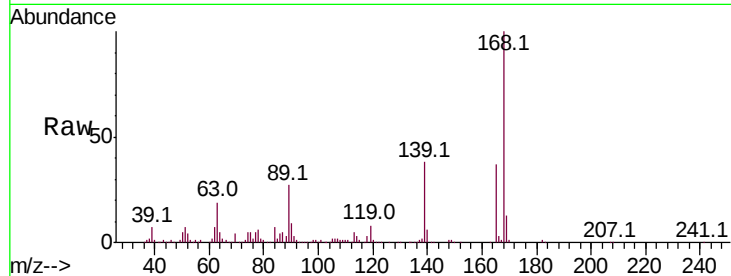
#57
2,4-Dinitrotoluene
Concen: 41.589 ng
RT: 14.61 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	281104		
63	52.5	41.8	62.8	
89	72.2	59.5	89.3	
182	3.0	2.3	3.5	

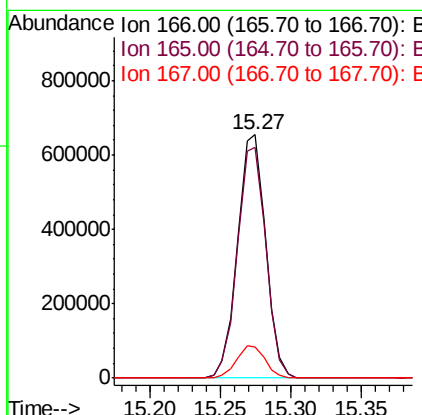
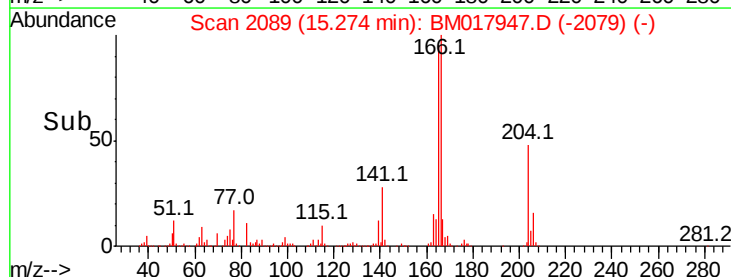
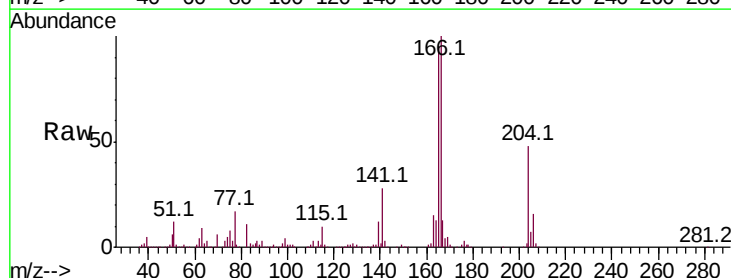
Manual Integrations
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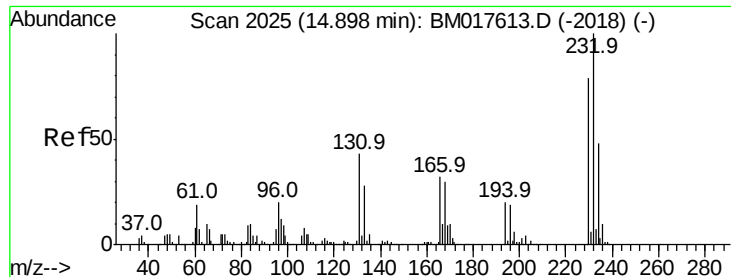
mohammad
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#58
Fluorene
Concen: 42.832 ng
RT: 15.27 min Scan# 2089
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	911739		
165	94.6	79.0	118.6	
167	12.9	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.938 ng

RT: 14.85 min Scan# 2017

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

RO-331MS

Tot Ion:232 Resp: 249153

Ion Ratio Lower Upper

232 100

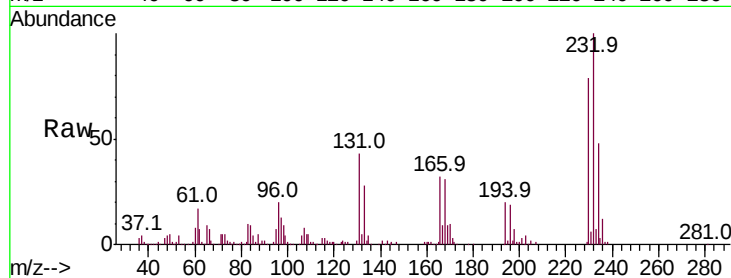
131 43.1 34.8 52.2

130 2.3 1.9 2.9

166 30.6 25.3 37.9

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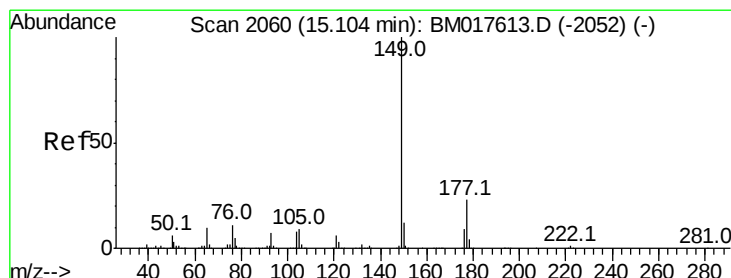
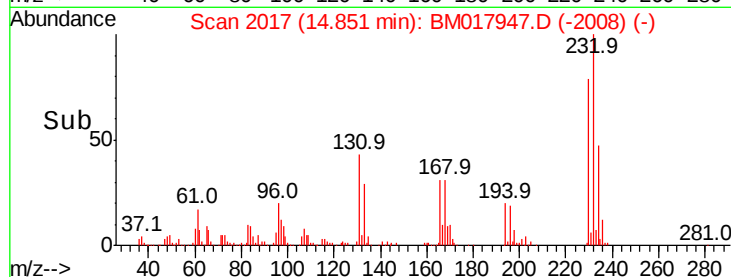
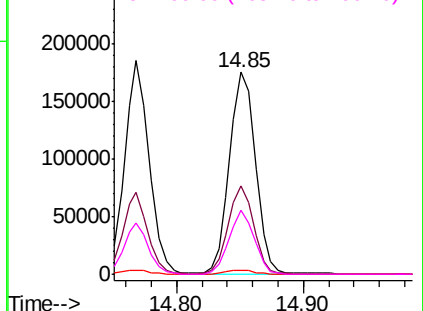
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.550 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

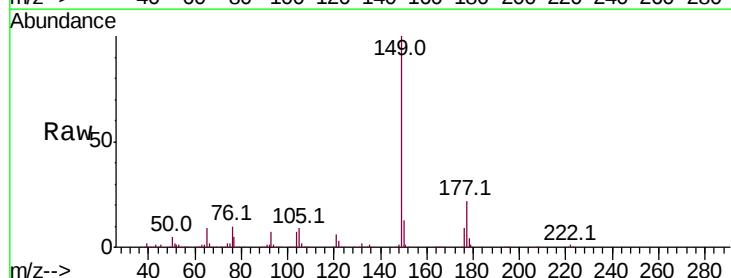
Tgt Ion:149 Resp: 913601

Ion Ratio Lower Upper

149 100

177 21.7 18.1 27.1

150 12.6 9.9 14.9

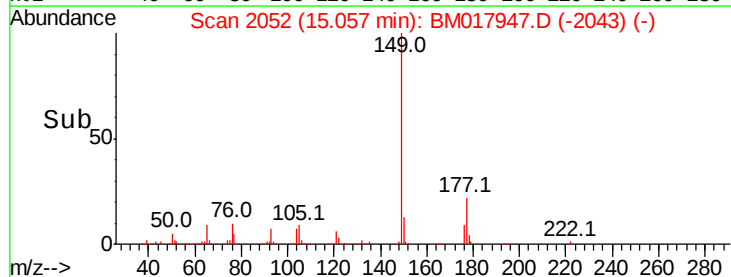
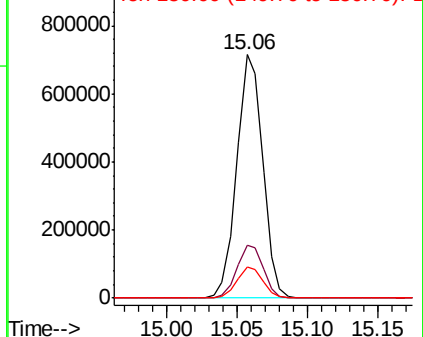


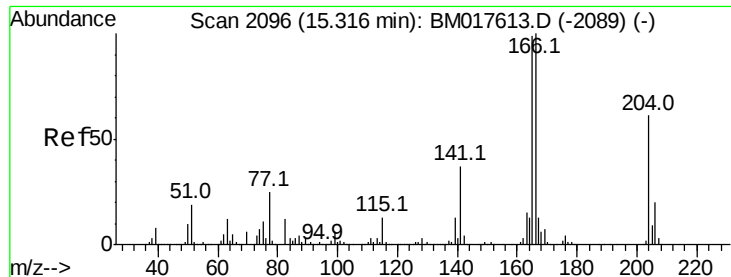
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.775 ng

RT: 15.27 min Scan# 2088

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

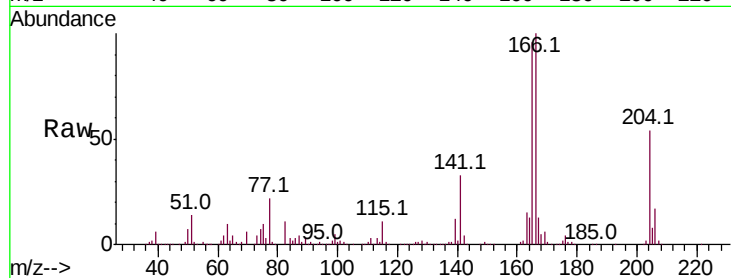
ClientSampleId :

RO-331MS

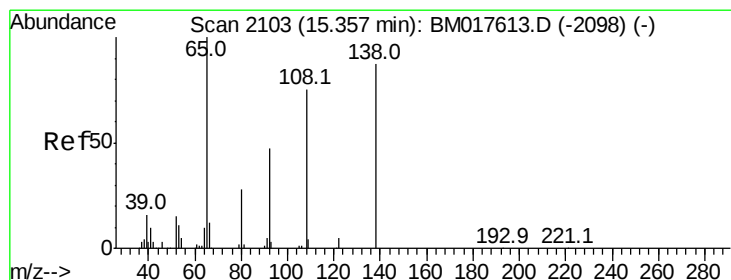
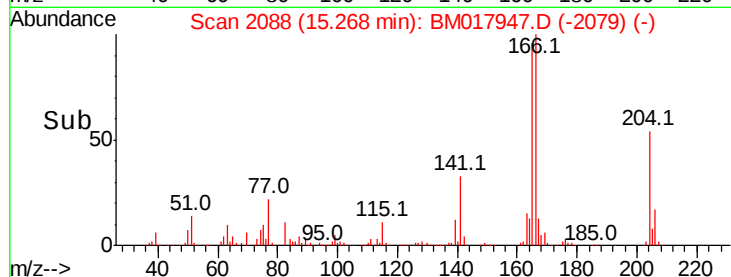
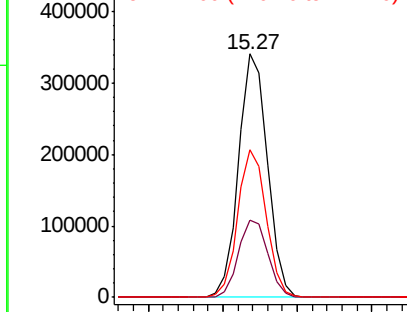
Tot Ion:	204	Resp:	456842
Ion Ratio	Lower	Upper	
204	100		
206	31.5	25.9	38.9
141	60.8	47.9	71.9

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 30.718 ng

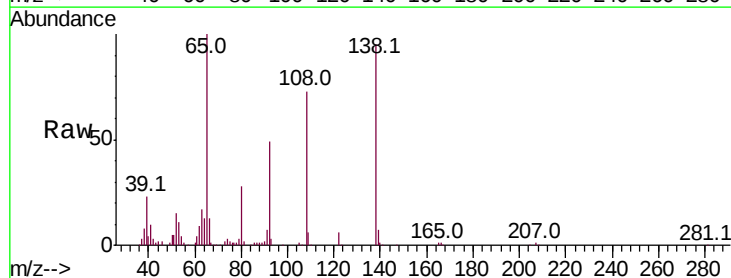
RT: 15.32 min Scan# 2096

Delta R.T. -0.04 min

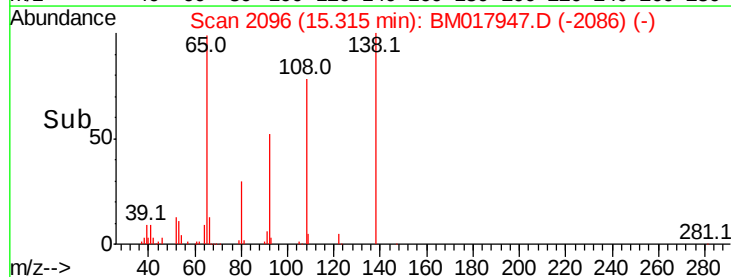
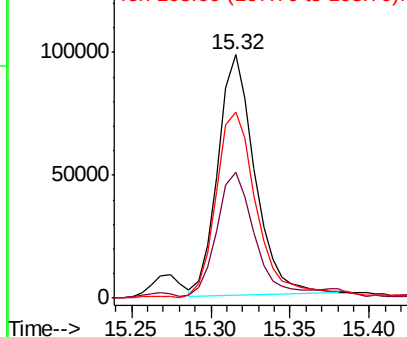
Lab File: BM017947.D

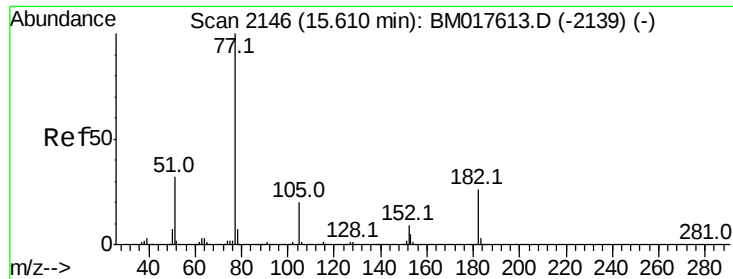
Acq: 05 Dec 2018 22:27

Tgt Ion:	138	Resp:	158047
Ion Ratio	Lower	Upper	
138	100		
92	51.9	33.4	73.4
108	76.6	64.3	104.3



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





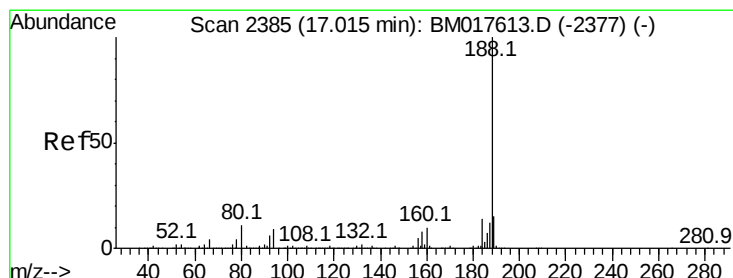
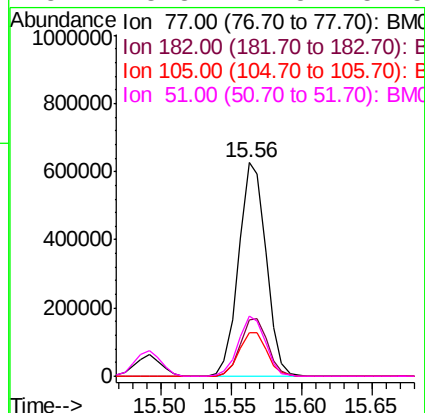
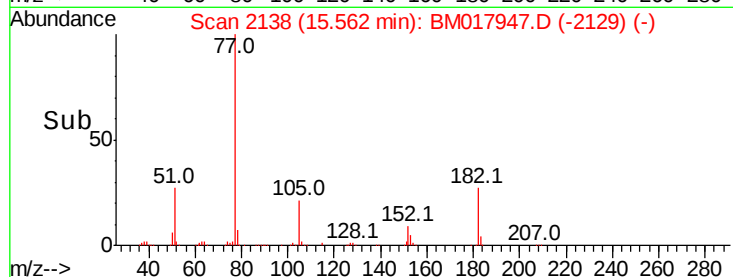
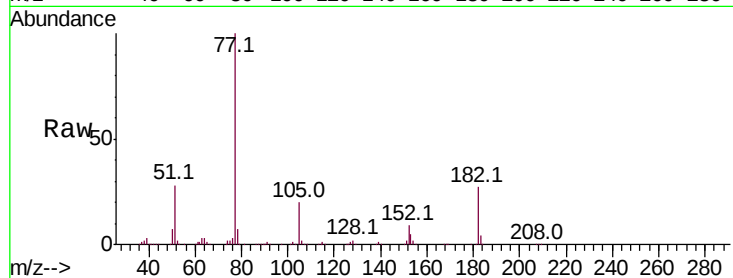
#63
Azobenzene
Concen: 37.469 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	5.8	45.8
105	20.3	0.0	40.0
51	28.3	12.5	52.5

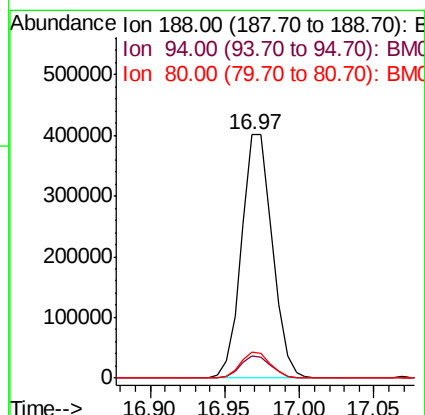
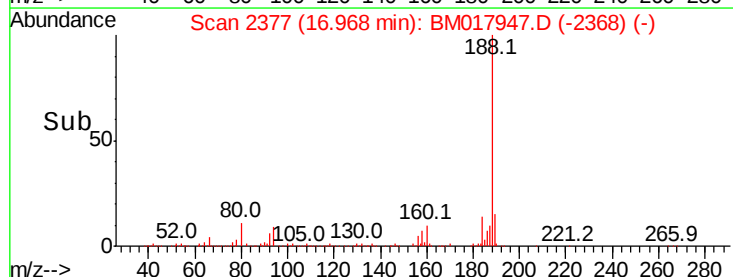
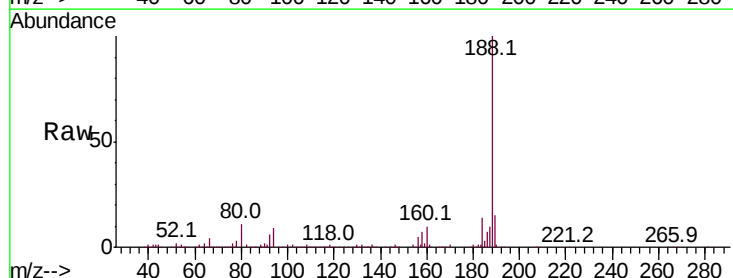
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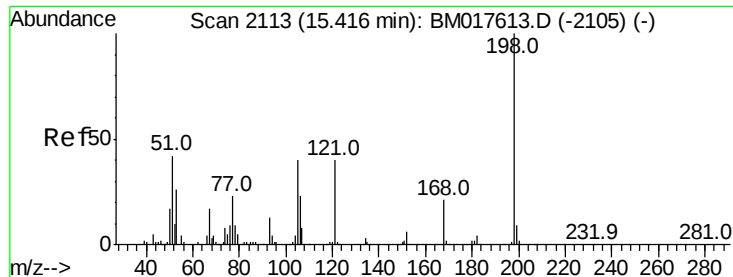
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.8	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.120 ng

RT: 15.37 min Scan# 2106

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

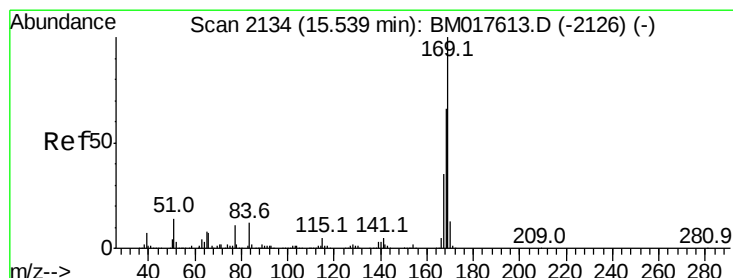
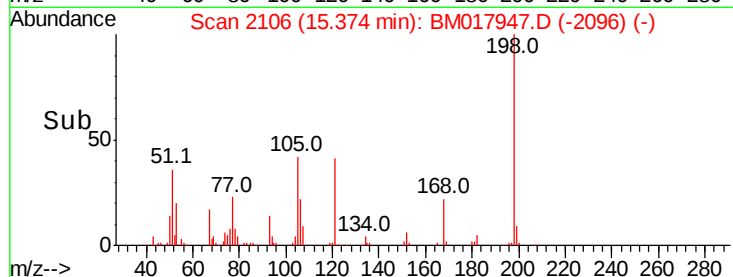
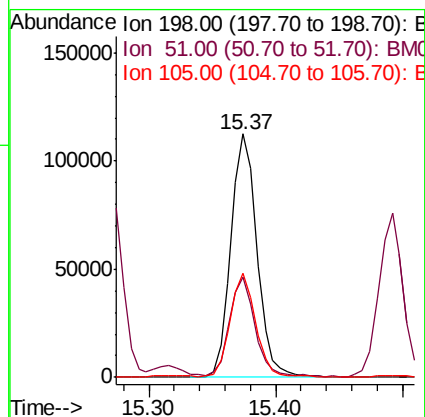
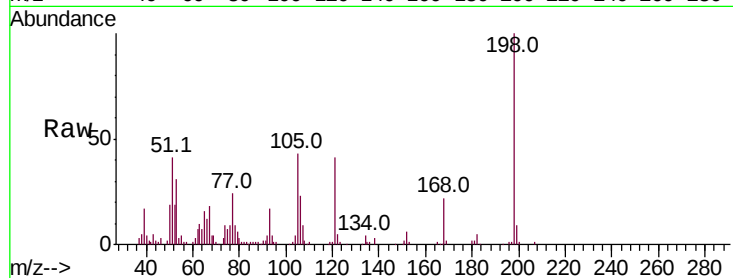
ClientSampleId :

RO-331MS

Tot Ion:	198	Resp:	159791
Ion Ratio	Lower	Upper	
198	100		
51	41.1	25.9	65.9
105	42.5	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 42.594 ng

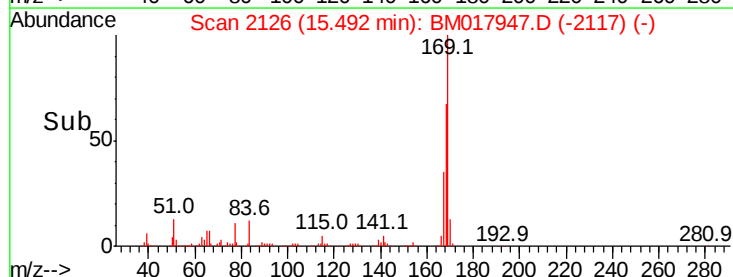
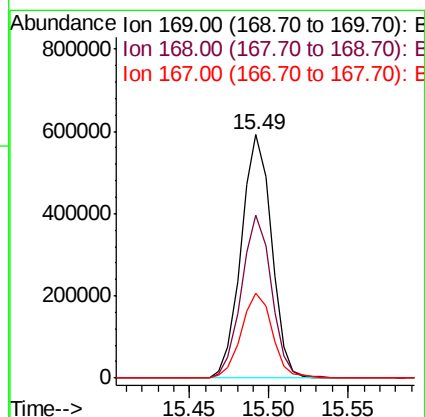
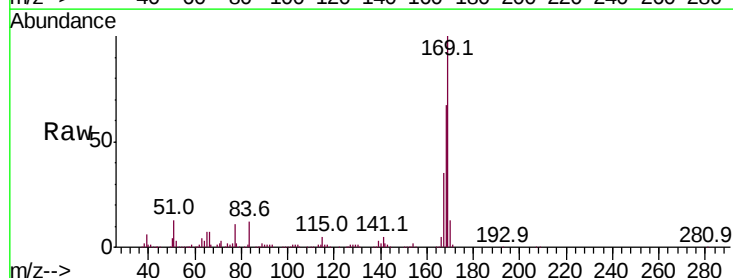
RT: 15.49 min Scan# 2126

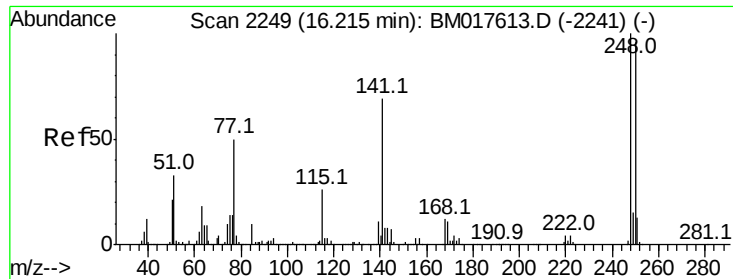
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion:	169	Resp:	787334
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.0	79.6
167	35.0	28.0	42.0





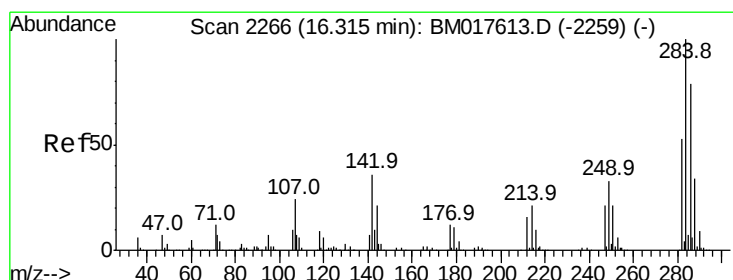
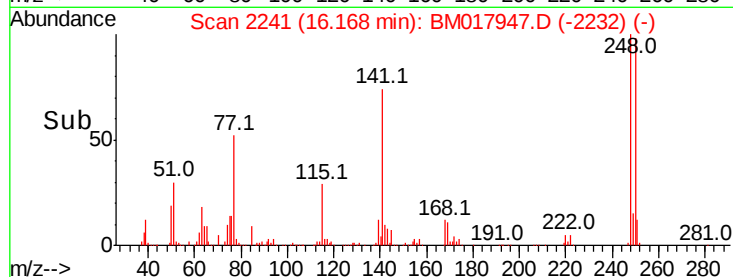
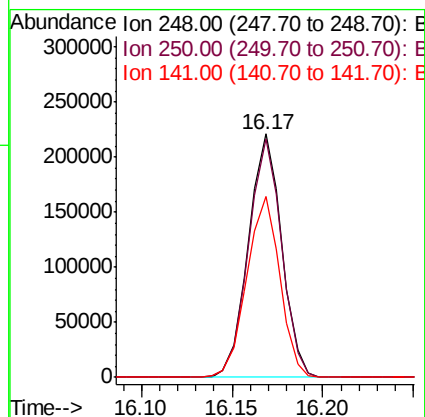
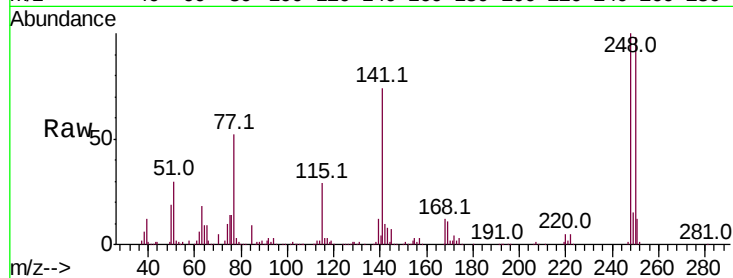
#67
4-Bromophenyl-phenylether
Concen: 41.481 ng
RT: 16.17 min Scan# 2241
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampled :
RO-331MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.5	114.7
141	74.4	54.9	82.3

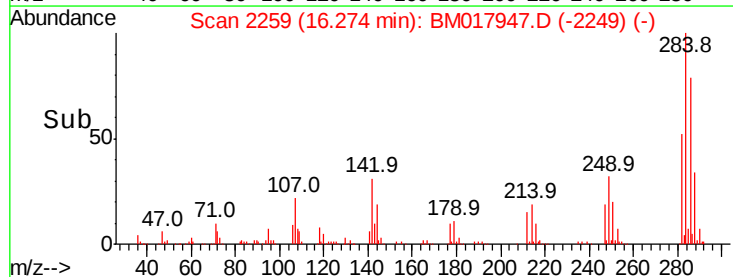
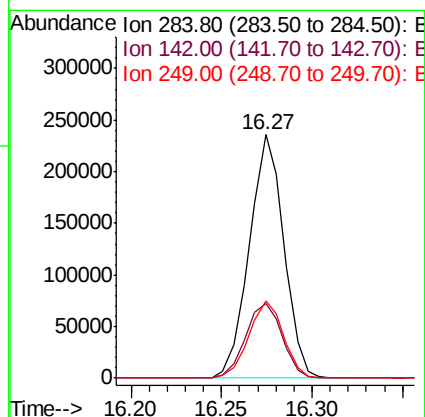
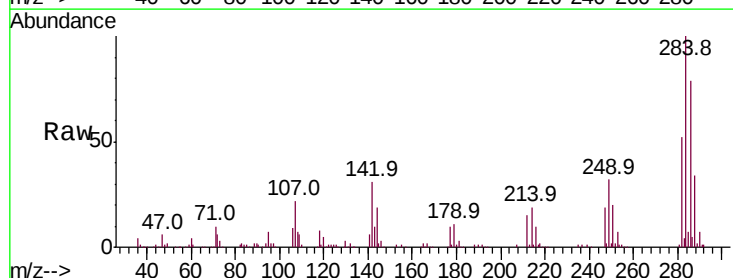
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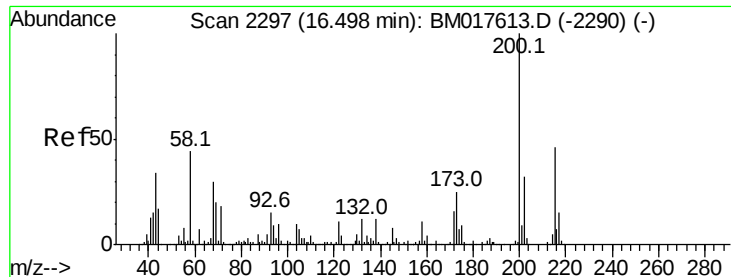
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#68
Hexachlorobenzene
Concen: 40.658 ng
RT: 16.27 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	28.4	42.6
249	31.9	26.4	39.6





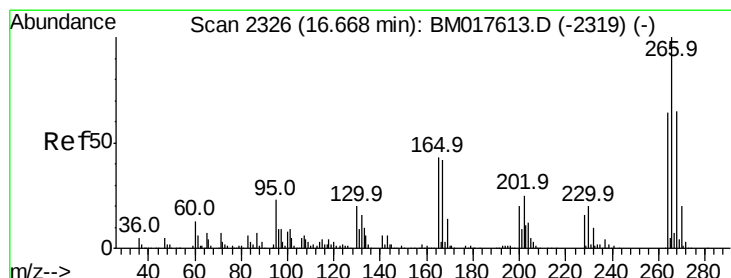
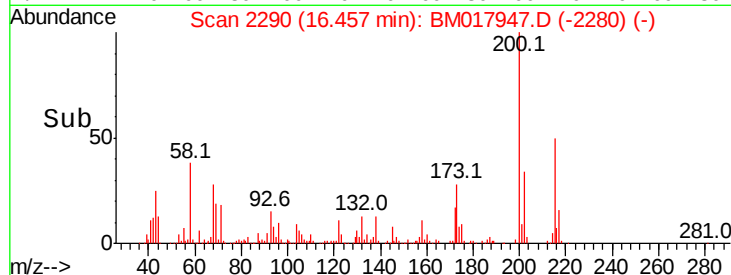
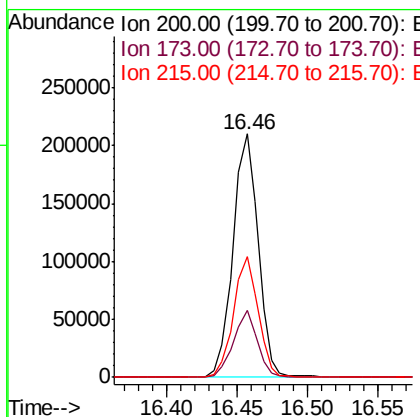
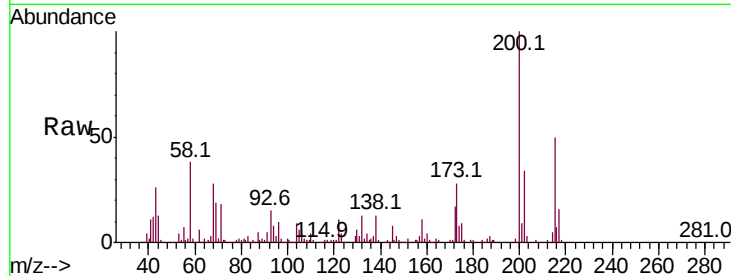
#69
 Atrazine
 Concen: 38.475 ng
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.04 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion:	200	Resp:	261579
Ion Ratio	Lower	Upper	
200	100		
173	27.7	5.1	45.1
215	49.6	25.8	65.8

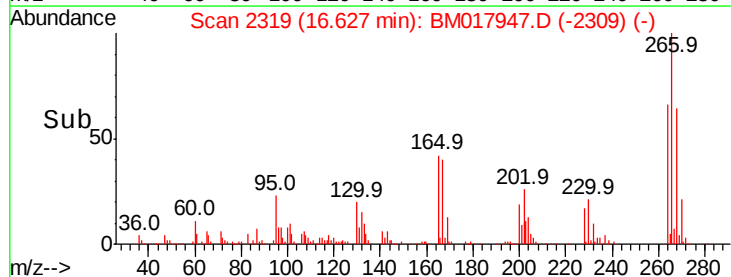
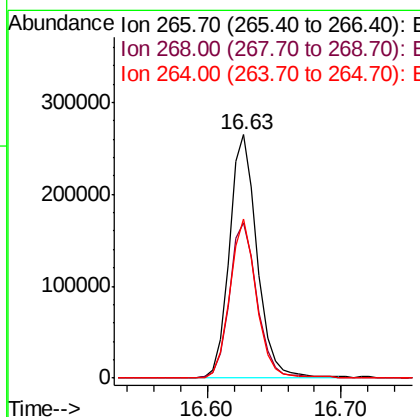
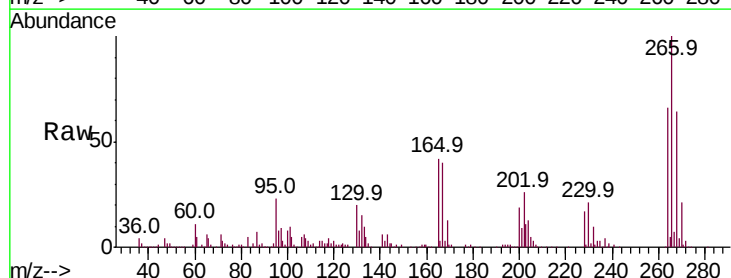
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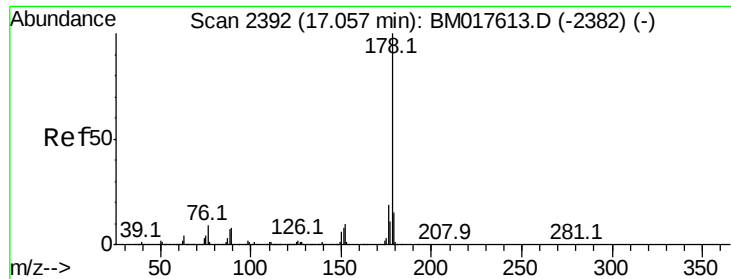
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#70
 Pentachlorophenol
 Concen: 71.555 ng
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.04 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion:	266	Resp:	384321
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.7	77.5
264	65.6	51.3	76.9





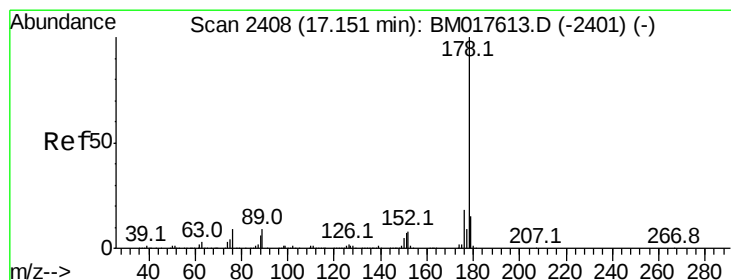
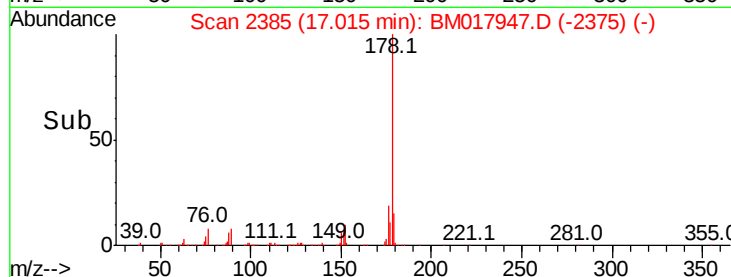
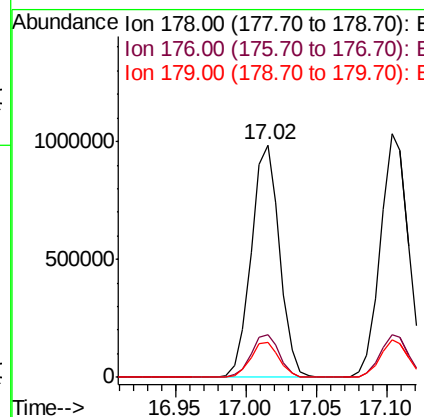
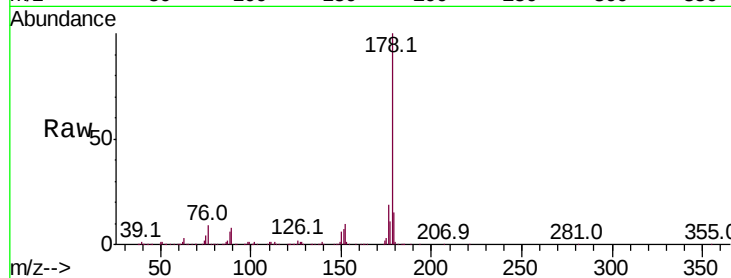
#71
Phenanthrene
Concen: 44.414 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleID :
RO-331MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.4	18.6

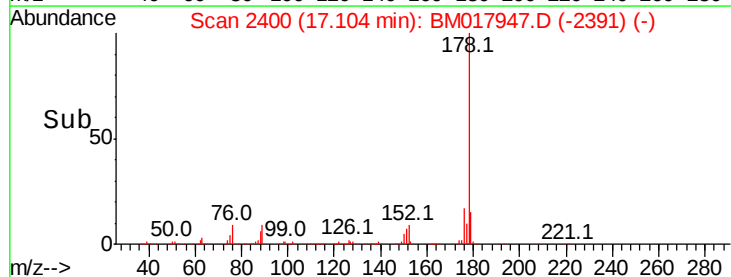
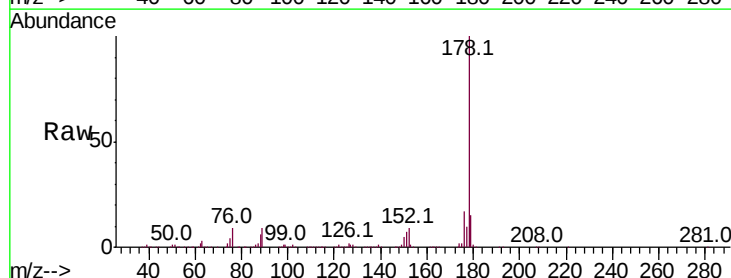
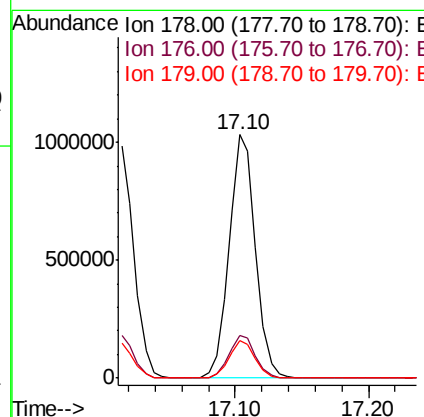
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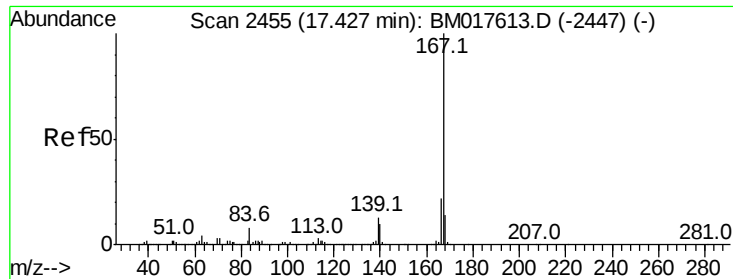
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#72
Anthracene
Concen: 46.624 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.5	21.7
179	15.2	12.3	18.5





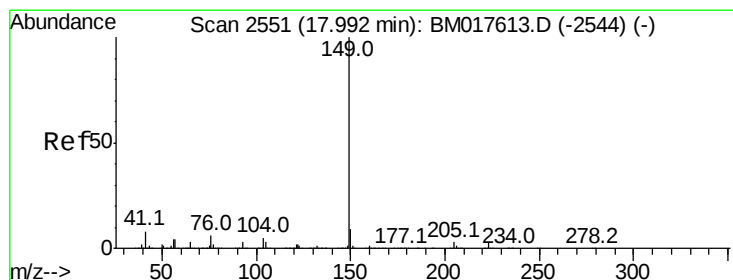
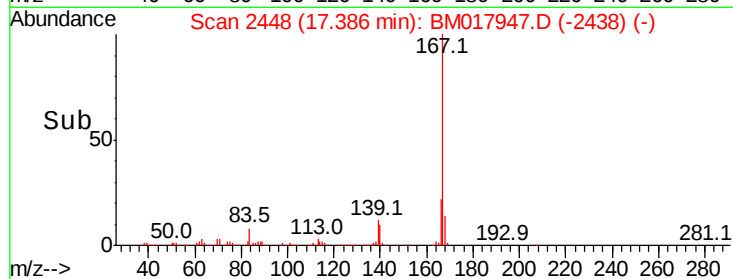
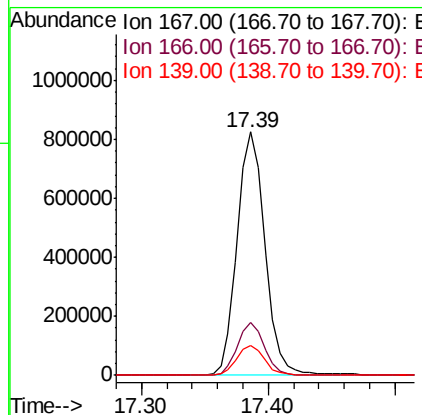
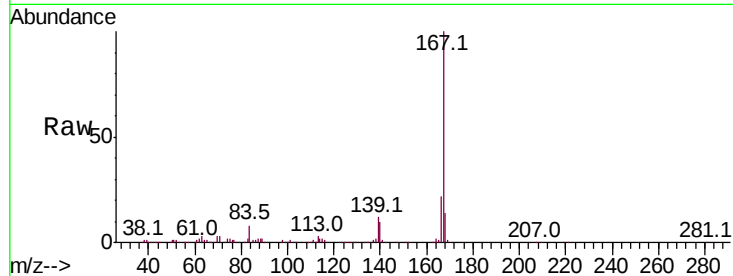
#73
 Carbazole
 Concen: 40.930 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.04 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Instrument :
 BNA_M
 ClientSampleId :
 RO-331MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.2	10.2	15.4

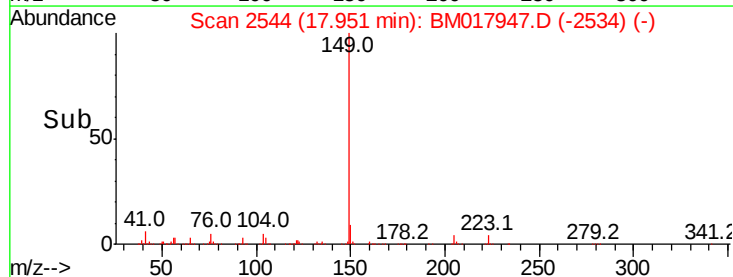
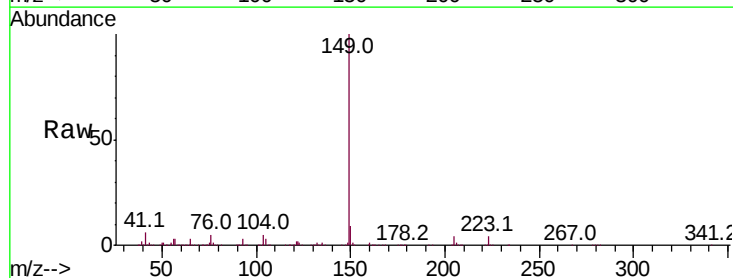
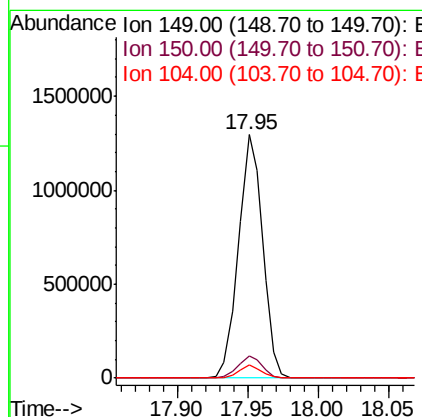
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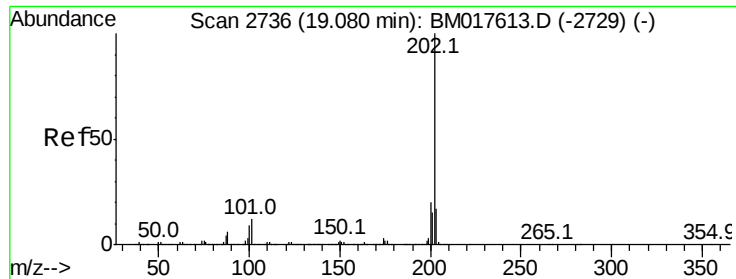
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#74
 Di-n-butylphthalate
 Concen: 45.380 ng
 RT: 17.95 min Scan# 2544
 Delta R.T. -0.04 min
 Lab File: BM017947.D
 Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 45.425 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

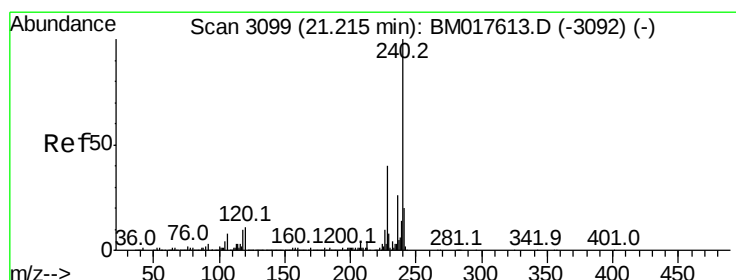
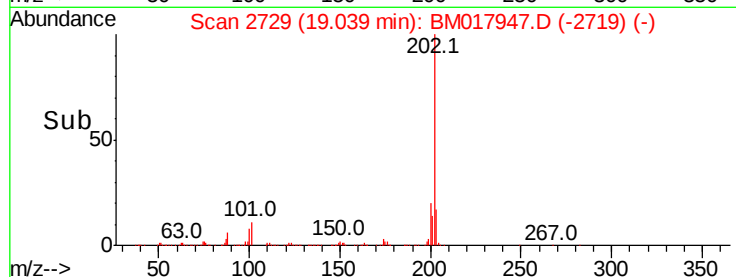
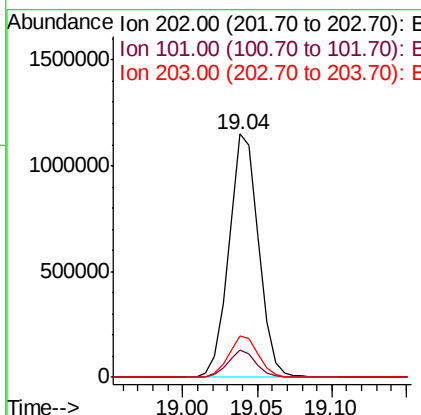
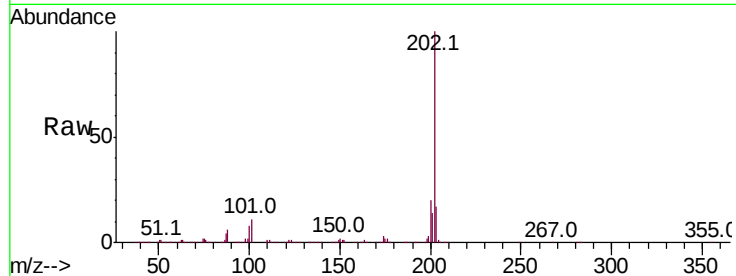
ClientSampleId :

RO-331MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	17.2	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

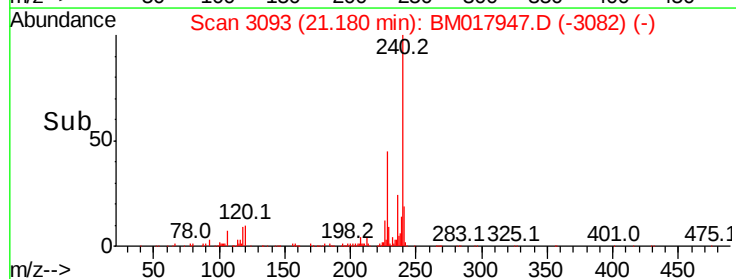
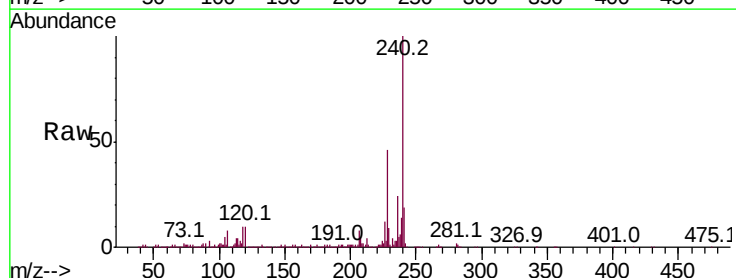
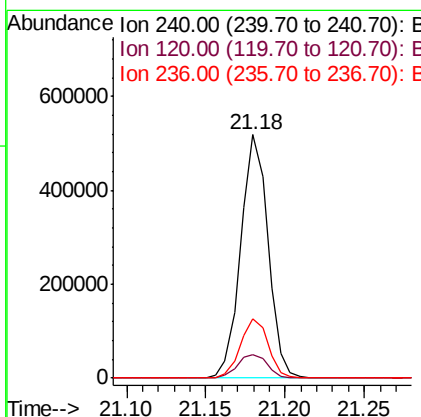
RT: 21.18 min Scan# 3093

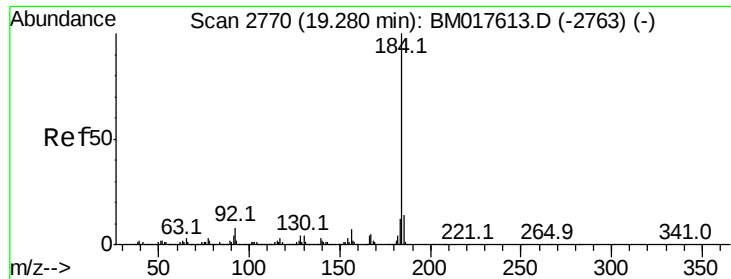
Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.5	12.7
236	24.2	20.4	30.6





#77

Benzidine

Concen: 2.090 ng/mL

RT: 19.26 min Scan# 2767

Delta R.T. -0.02 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

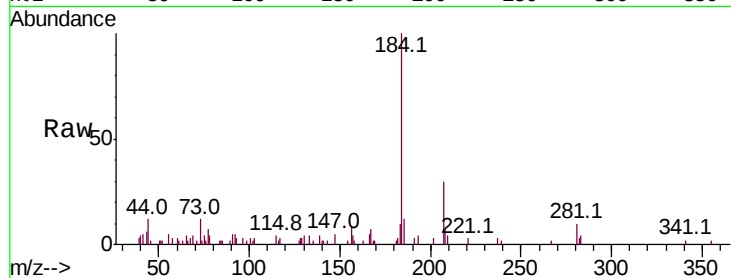
ClientSampleID :

RO-331MS

Tot Ion:	184	Resp:	42444
Ion Ratio	Lower	Upper	
184	100		
185	12.1	11.2	16.8
183	10.0	9.5	14.3

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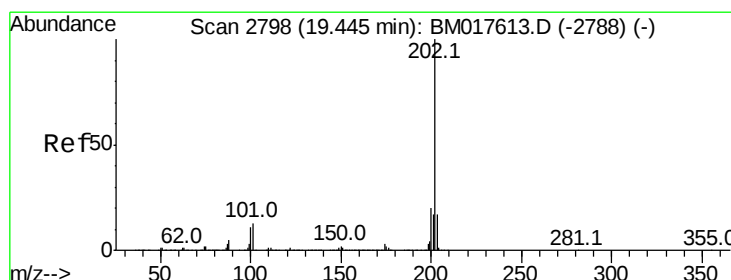
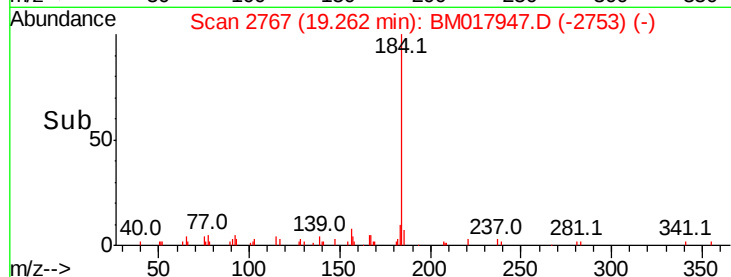
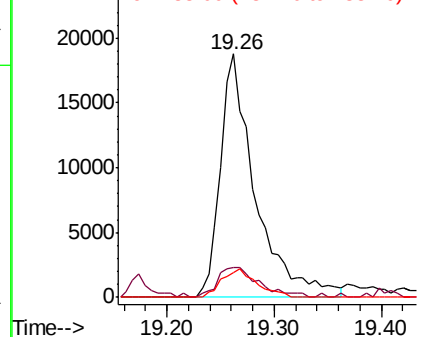


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.337 ng/mL

RT: 19.41 min Scan# 2792

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

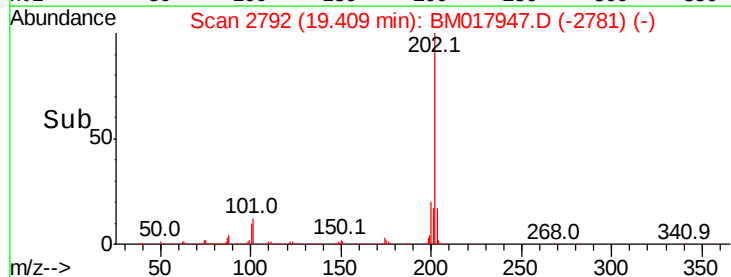
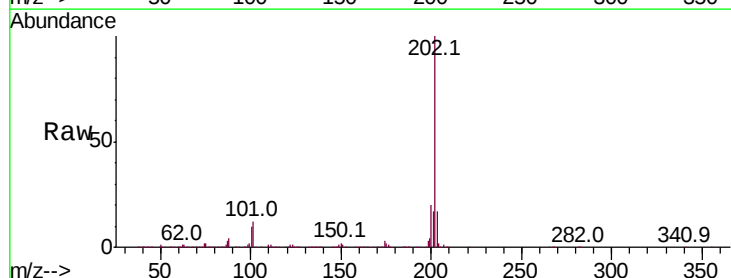
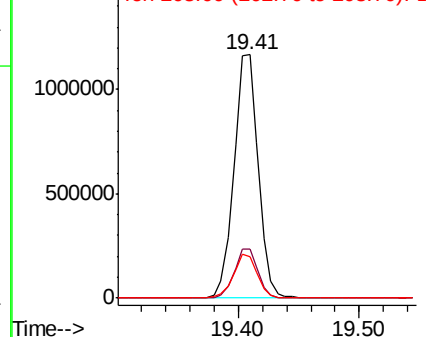
Tgt Ion:	202	Resp:	1629203
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.4	24.6
203	16.8	13.8	20.8

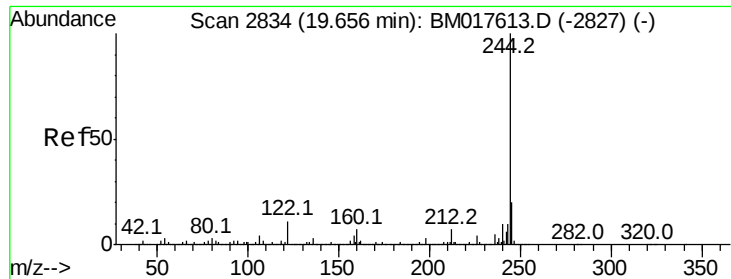
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.746 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

RO-331MS

Tot Ion:244 Resp: 2221967

Ion Ratio Lower Upper

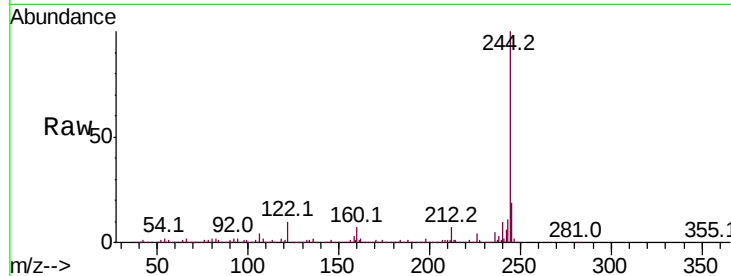
244 100

212 7.0 5.8 8.6

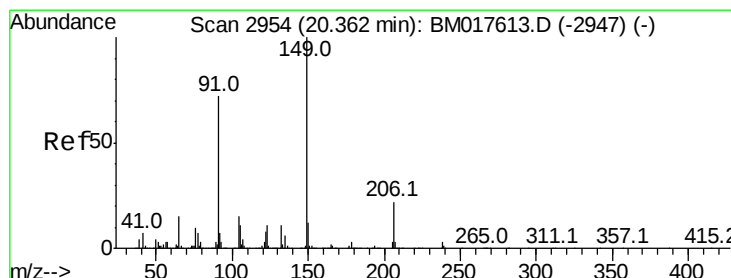
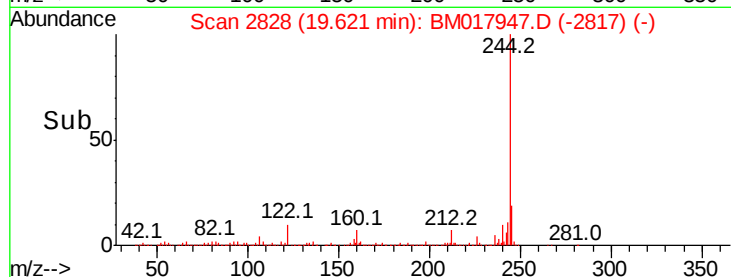
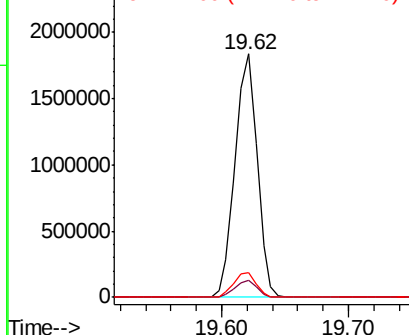
122 10.0 9.0 13.6

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Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.140 ng

RT: 20.33 min Scan# 2948

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

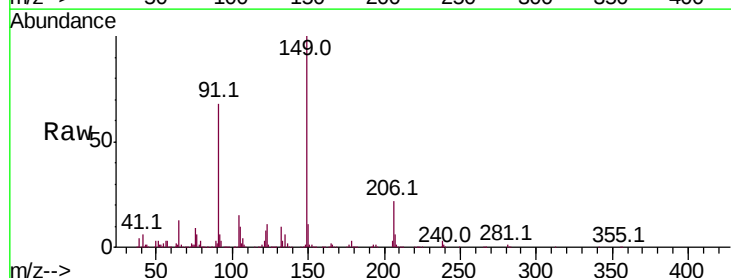
Tgt Ion:149 Resp: 705512

Ion Ratio Lower Upper

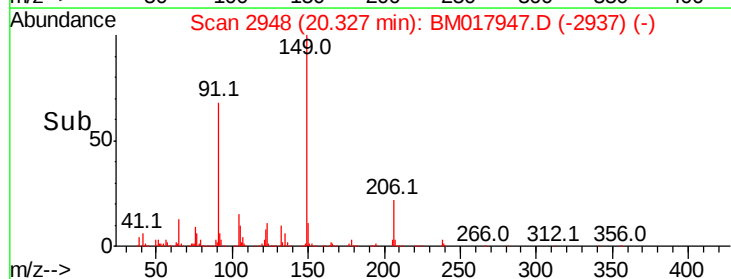
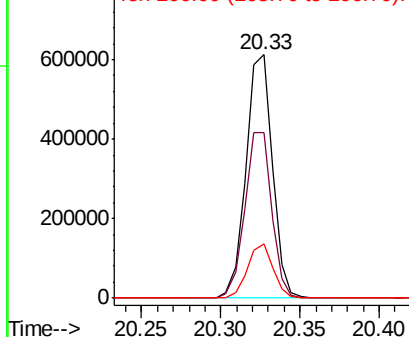
149 100

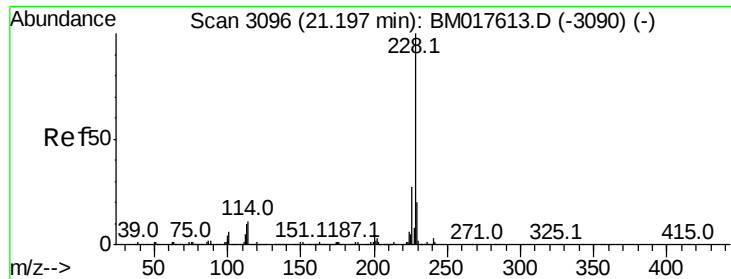
91 67.8 57.6 86.4

206 22.5 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.945 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.04 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

ClientSampleId :

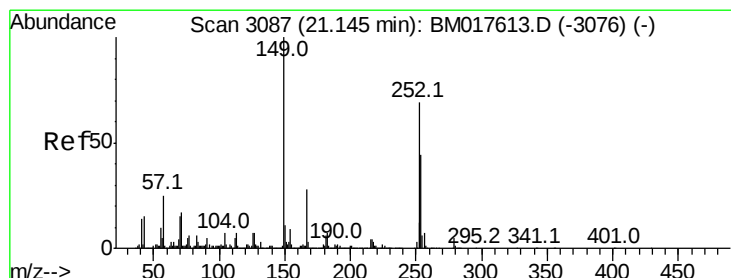
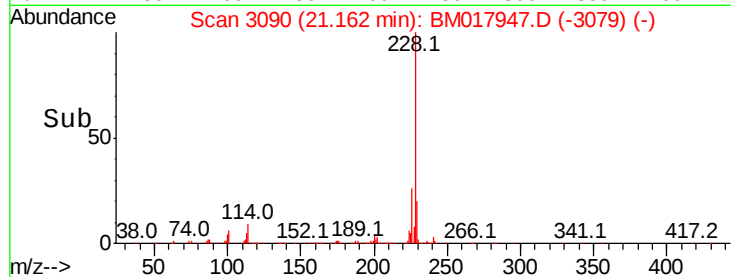
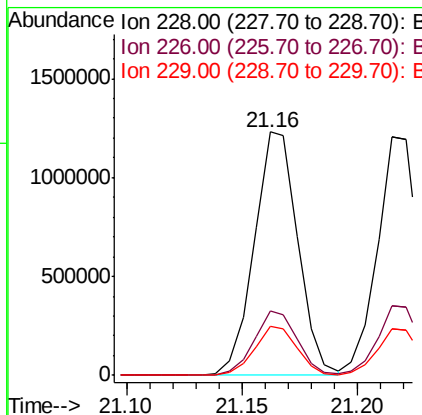
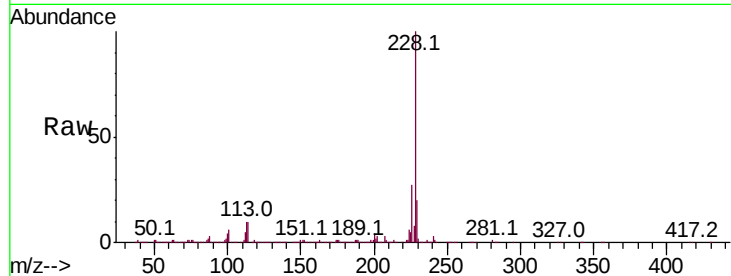
RO-331MS

Tot Ion:228 Resp: 1614937

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.9	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.041 ng

RT: 21.11 min Scan# 3081

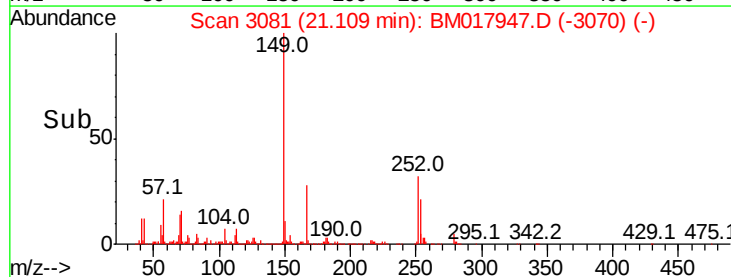
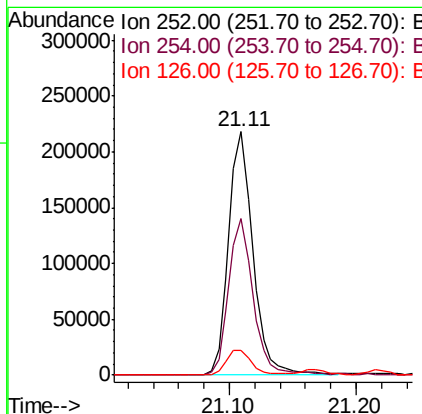
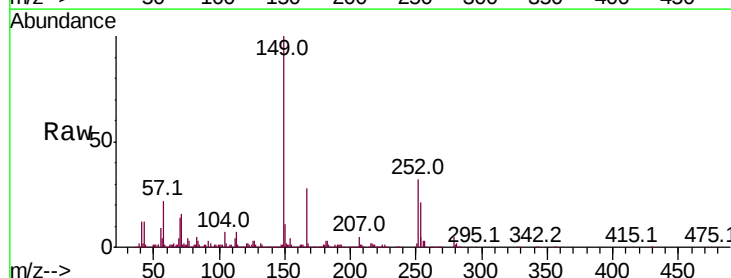
Delta R.T. -0.04 min

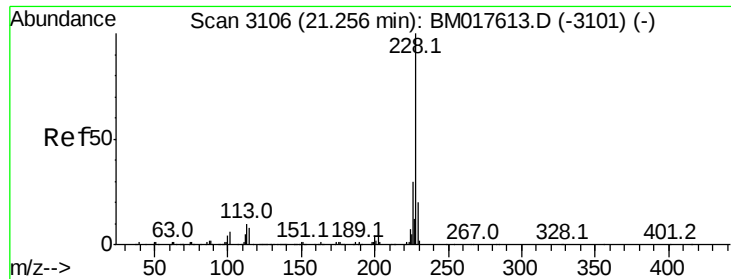
Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion:252 Resp: 291780

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.0	8.0	12.0





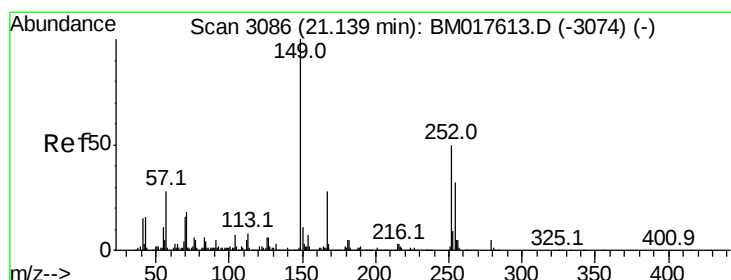
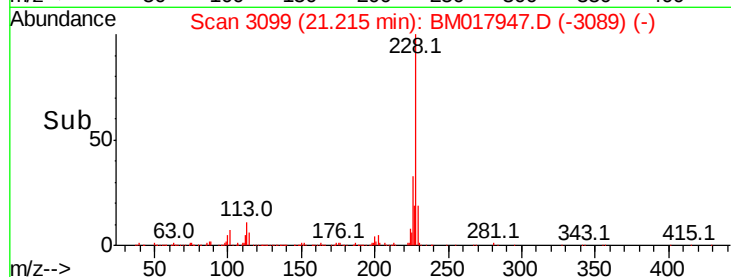
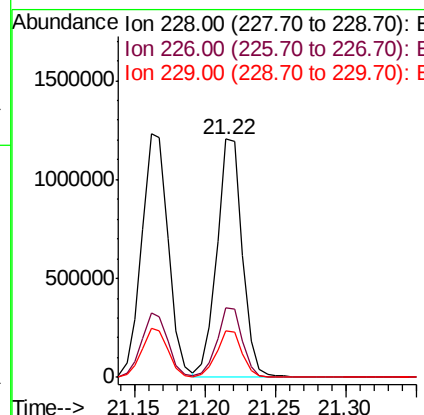
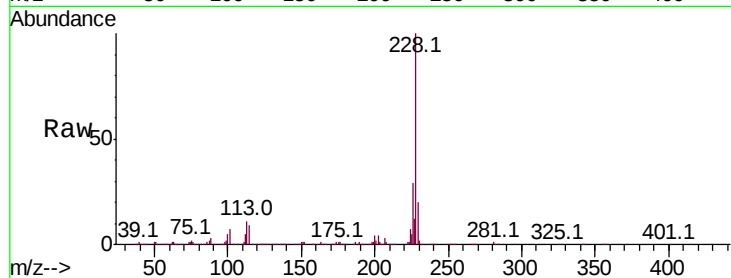
#83
Chrysene
Concen: 43.086 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	19.6	15.8	23.6

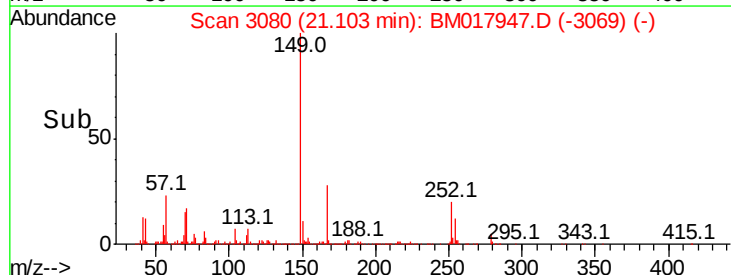
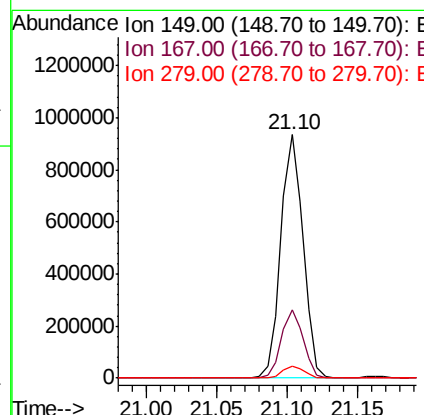
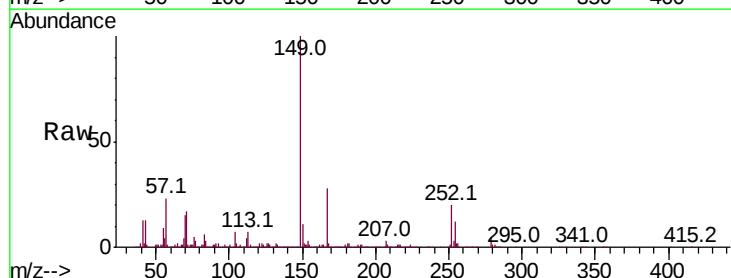
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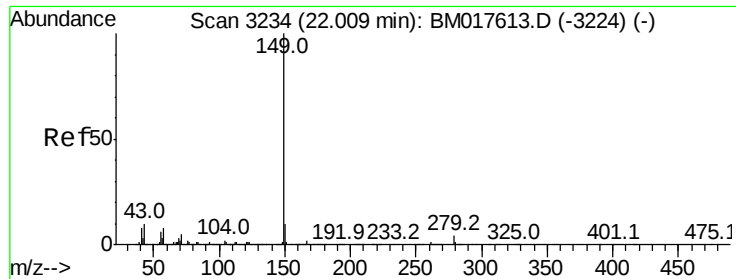
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.566 ng
RT: 21.10 min Scan# 3080
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.8	3.7	5.5





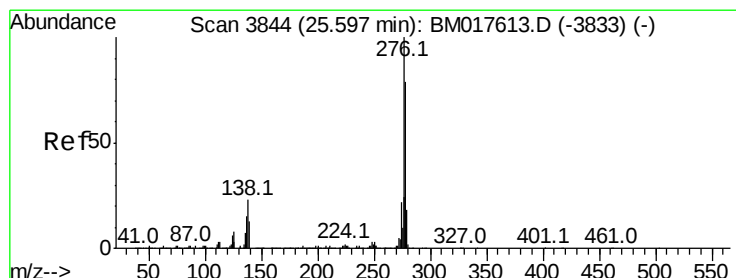
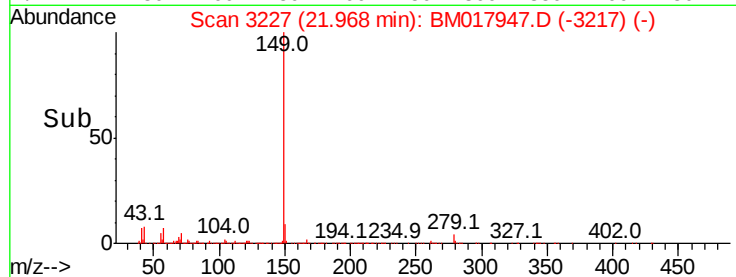
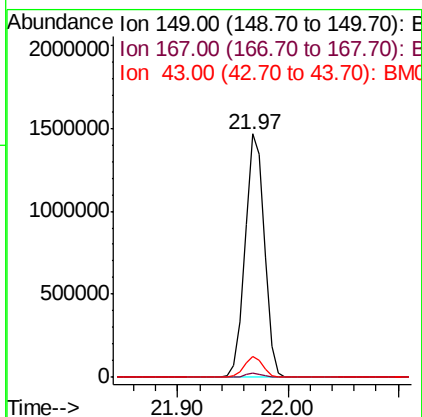
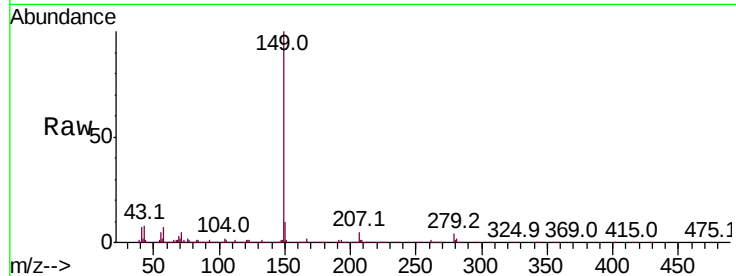
#85
Di-n-octyl phthalate
Concen: 48.439 ng
RT: 21.97 min Scan# 3227
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1792158		
167	1.6		1.3	1.9
43	8.1		8.3	12.5#

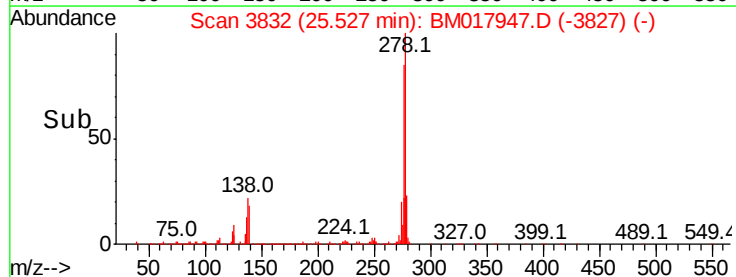
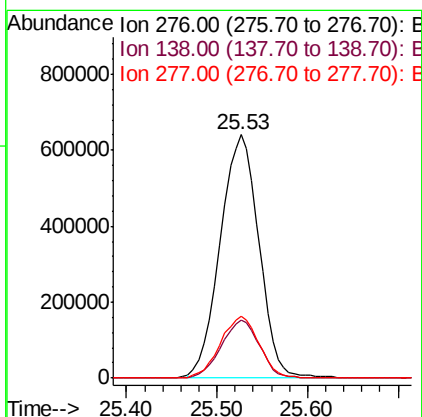
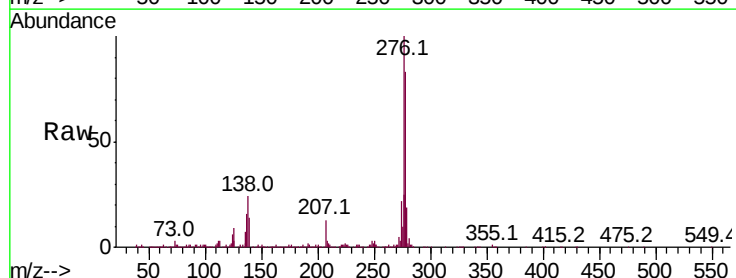
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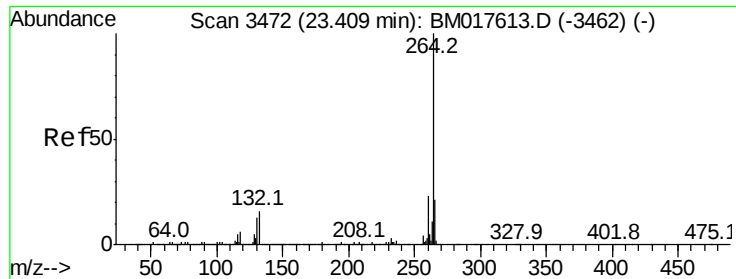
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#86
Indeno(1,2,3-cd)pyrene
Concen: 67.257 ng
RT: 25.53 min Scan# 3832
Delta R.T. -0.07 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1875647		
138	23.2		19.1	28.7
277	25.1		20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Instrument :

BNA_M

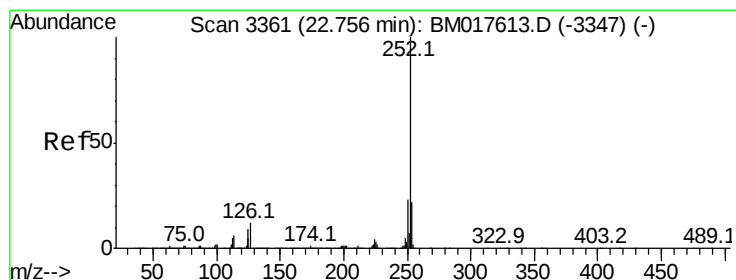
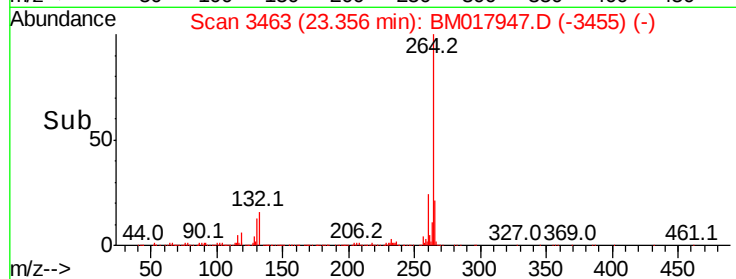
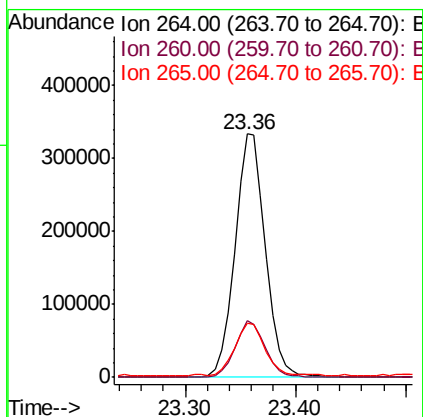
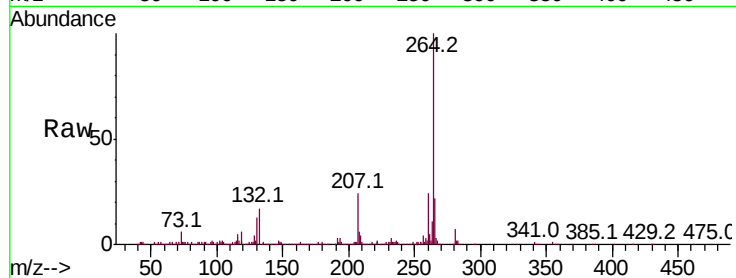
ClientSampleId :

RO-331MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.1	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.086 ng

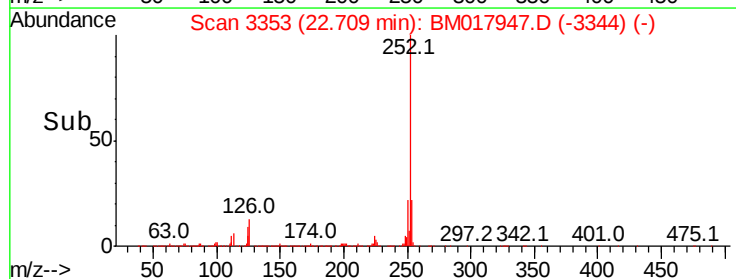
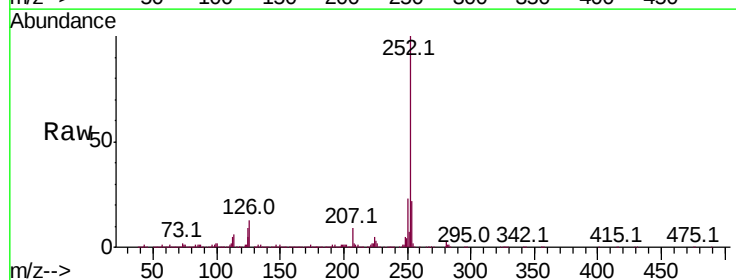
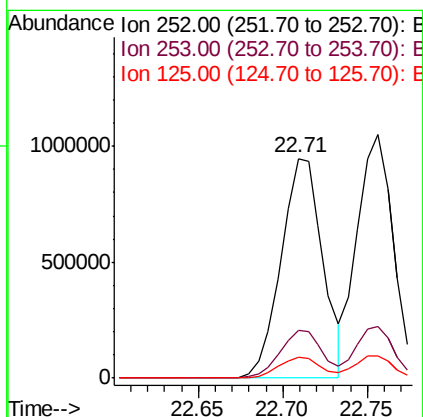
RT: 22.71 min Scan# 3353

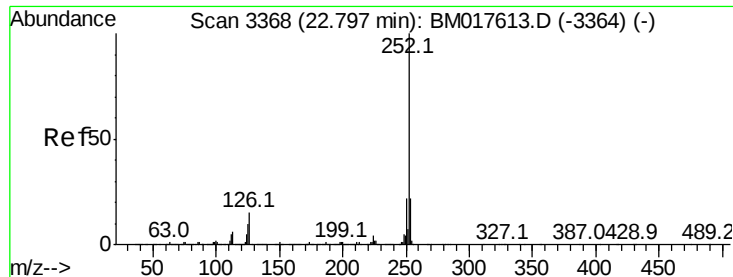
Delta R.T. -0.05 min

Lab File: BM017947.D

Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.5	7.6	11.4





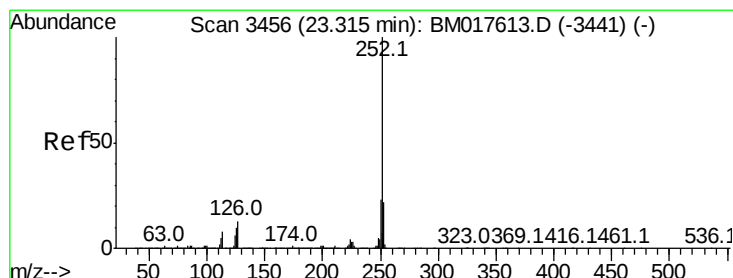
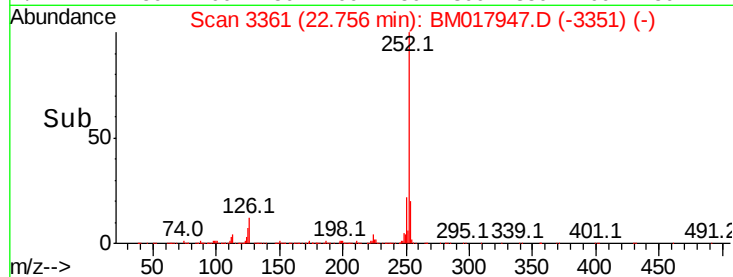
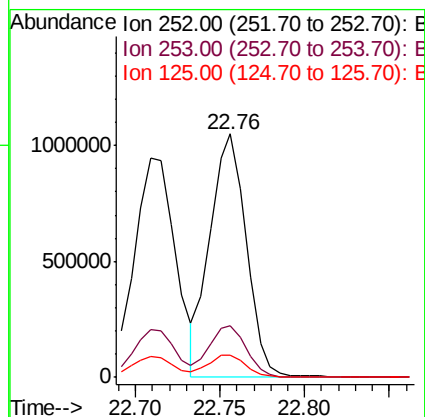
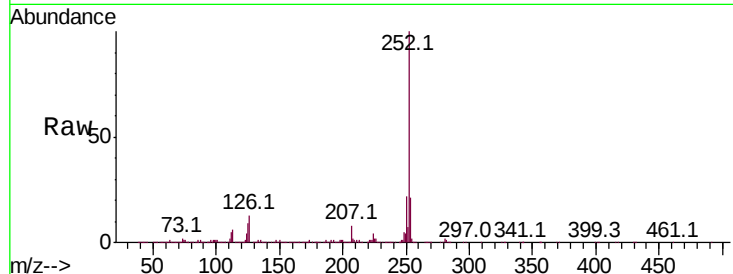
#89
Benzo(k)fluoranthene
Concen: 41.309 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	8.9	7.9	11.9

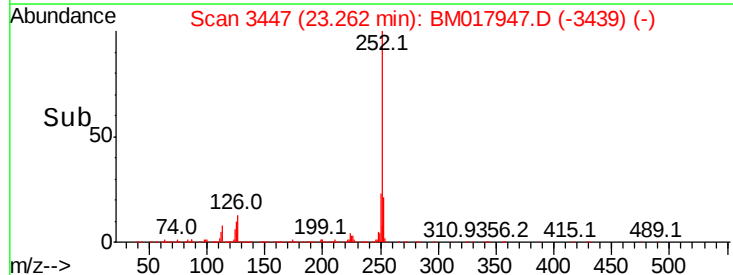
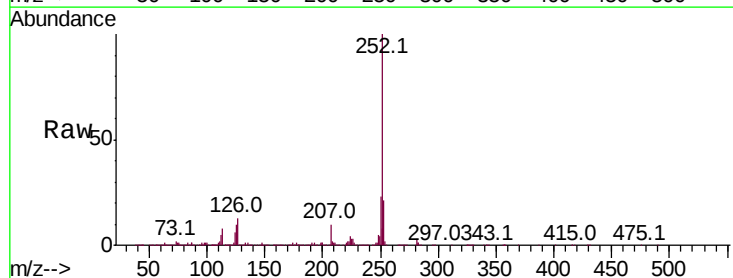
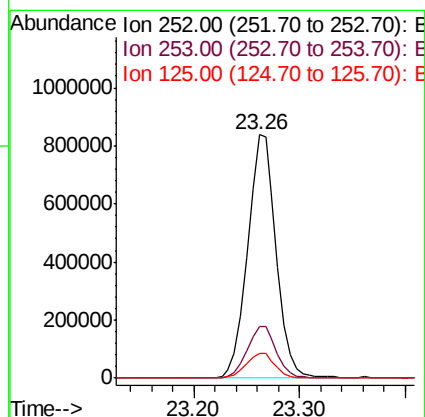
Manual Integrations
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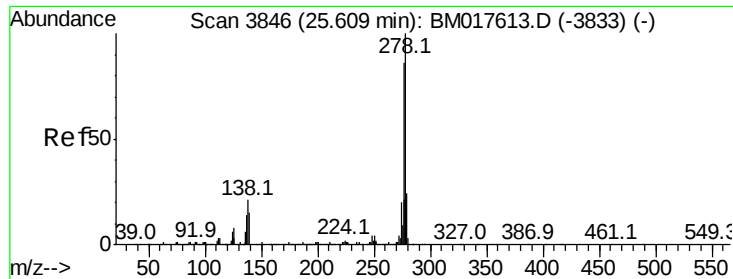
mohammad
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#90
Benzo(a)pyrene
Concen: 45.561 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.05 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	10.4	8.2	12.2





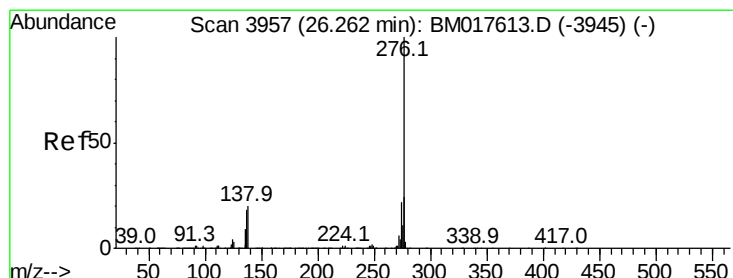
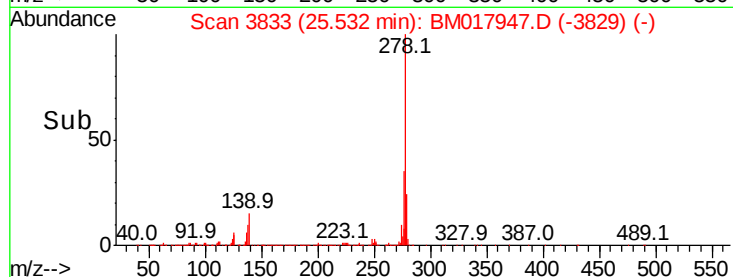
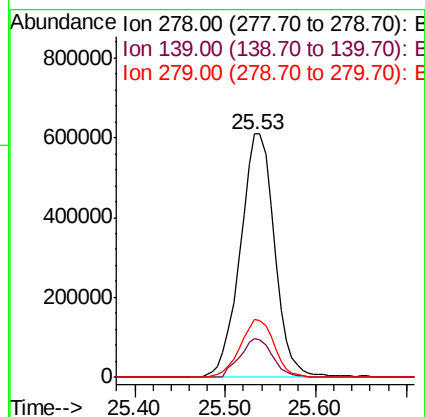
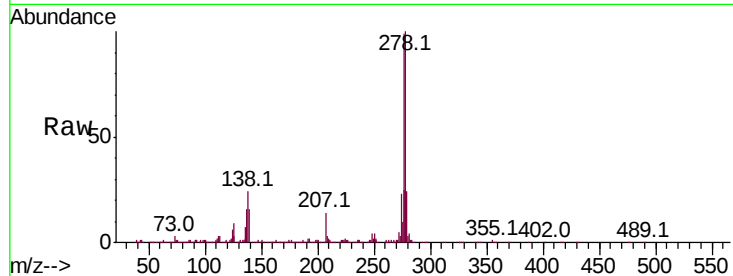
#91
Dibenzo(a,h)anthracene
Concen: 55.569 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.08 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.8	17.6
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/6/2018 12:20:26 PM



#92
Benzo(g,h,i)perylene
Concen: 58.391 ng
RT: 26.19 min Scan# 3944
Delta R.T. -0.08 min
Lab File: BM017947.D
Acq: 05 Dec 2018 22:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.2	15.9	23.9

