

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018854.D
 Acq On : 19 Feb 2019 13:32
 Operator : JU/SJ
 Sample : PB117208BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Manual Integrations
 APPROVED

Sohil
 2/20/2019 10:18:37 AM

Quant Time: Feb 19 17:14:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	290370	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1223117	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	700799	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1503920	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1352237	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1051008	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2863978	161.61	ng	0.00
7) Phenol-d6	6.89	99	3910213	156.62	ng	0.00
23) Nitrobenzene-d5	8.87	82	2131340	80.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1470745	145.59	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4143832	78.49	ng	-0.01
79) Terphenyl-d14	19.74	244	6539566	99.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	286687	37.142	ng	98
3) Pyridine	3.65	79	815304	38.724	ng	99
4) n-Nitrosodimethylamine	3.56	42	262455	49.000	ng	91
6) Aniline	7.05	93	1012048	33.085	ng	99
8) 2-Chlorophenol	7.27	128	885530	45.512	ng	99
9) Benzaldehyde	6.86	77	358721	23.278	ng	99
10) Phenol	6.91	94	1205826	45.903	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	823081	41.075	ng	99
12) 1,3-Dichlorobenzene	7.59	146	874766	39.983	ng	99
13) 1,4-Dichlorobenzene	7.74	146	894538	40.162	ng	99
14) 1,2-Dichlorobenzene	8.05	146	860940	40.240	ng	98
15) Benzyl Alcohol	7.96	79	859733	43.339	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	827649	42.675	ng	97
17) 2-Methylphenol	8.15	107	758526	45.368	ng	98
18) Hexachloroethane	8.77	117	329836	40.566	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	781964	40.452	ng	99
20) 3+4-Methylphenols	8.48	107	1029962	44.612	ng	99
22) Acetophenone	8.53	105	1305965	38.881	ng	# 98
24) Nitrobenzene	8.92	77	1134097	41.304	ng	100
25) Isophorone	9.43	82	1940643	45.979	ng	100
26) 2-Nitrophenol	9.62	139	457562	41.845	ng	97
27) 2,4-Dimethylphenol	9.67	122	782138	48.973	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1161190	42.544	ng	100
29) 2,4-Dichlorophenol	10.15	162	812298	44.296	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	832656	39.317	ng	98
31) Naphthalene	10.55	128	2591599	43.445	ng	99
32) Benzoic acid	9.83	122	511513	36.717	ng	97
33) 4-Chloroaniline	10.67	127	492602	18.473	ng	99
34) Hexachlorobutadiene	10.80	225	450789	36.672	ng	98
35) Caprolactam	11.49	113	258647m	34.560	ng	
36) 4-Chloro-3-methylphenol	11.79	107	937156	42.387	ng	99
37) 2-Methylnaphthalene	12.16	142	1882586	44.825	ng	98
38) 1-Methylnaphthalene	12.38	142	1801559	43.866	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	879957	39.252	ng	99

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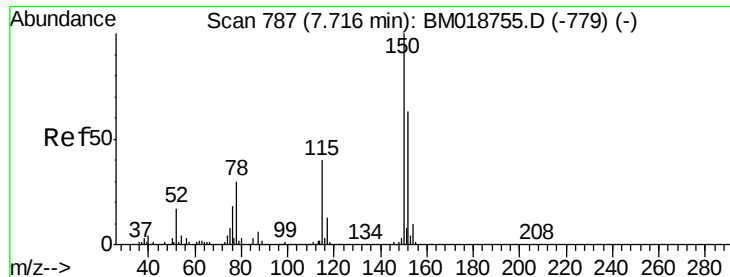
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	995932	86.893	nq	98
43) 2,4,6-Trichlorophenol	12.78	196	630807	42.505	nq	99
44) 2,4,5-Trichlorophenol	12.84	196	667257	42.897	nq	96
46) 1,1'-Biphenyl	13.19	154	2404007	39.852	nq	99
47) 2-Chloronaphthalene	13.23	162	1871095	40.158	nq	99
48) 2-Nitroaniline	13.45	65	653618	42.239	nq	98
49) Acenaphthylene	14.08	152	3030009	43.674	nq	99
50) Dimethylphthalate	13.82	163	2344356	40.140	nq	99
51) 2,6-Dinitrotoluene	13.95	165	524789	41.480	nq	98
52) Acenaphthene	14.42	154	1738002	40.855	nq	100
53) 3-Nitroaniline	14.28	138	365034	25.536	nq	95
54) 2,4-Dinitrophenol	14.49	184	520608	65.941	nq	98
55) Dibenzofuran	14.76	168	2817589	40.296	nq	99
56) 4-Nitrophenol	14.59	139	875617	76.732	nq	98
57) 2,4-Dinitrotoluene	14.74	165	723538	41.507	nq	98
58) Fluorene	15.41	166	2287916	42.771	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	584779	42.532	nq	97
60) Diethylphthalate	15.19	149	2408289	39.974	nq	100
61) 4-Chlorophenyl-phenylether	15.40	204	1130177	37.682	nq	99
62) 4-Nitroaniline	15.45	138	488812	34.879	nq	98
63) Azobenzene	15.70	77	2656696	41.127	nq	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	363509	34.426	nq	99
66) n-Nitrosodiphenylamine	15.62	169	1982386	41.721	nq	99
67) 4-Bromophenyl-phenylether	16.30	248	666230	39.577	nq	97
68) Hexachlorobenzene	16.40	284	767973	39.249	nq	97
69) Atrazine	16.58	200	671394	43.830	nq	98
70) Pentachlorophenol	16.75	266	948555	75.290	nq	99
71) Phenanthrene	17.15	178	3473428	42.976	nq	100
72) Anthracene	17.24	178	3502904	44.528	nq	99
73) Carbazole	17.52	167	3129826	38.081	nq	99
74) Di-n-butylphthalate	18.07	149	4019708	42.526	nq	100
75) Fluoranthene	19.17	202	3775792	40.443	nq	98
77) Benzidine	19.37	184	1168882	38.382	nq	100
78) Pyrene	19.53	202	3859415	49.142	nq	100
80) Butylbenzylphthalate	20.44	149	1766838	49.364	nq	99
81) Benzo(a)anthracene	21.29	228	3446236	43.720	nq	99
82) 3,3'-Dichlorobenzidine	21.22	252	954390	30.636	nq	98
83) Chrysene	21.34	228	3230357	42.757	nq	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2503864	47.797	nq	98
85) Di-n-octyl phthalate	22.09	149	4158082	47.227	nq	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3256922	37.338	nq	99
88) Benzo(b)fluoranthene	22.87	252	3026078	50.324	nq	99
89) Benzo(k)fluoranthene	22.91	252	3085248	51.536	nq	99
90) Benzo(a)pyrene	23.46	252	2858540	50.181	nq	98
91) Dibenzo(a,h)anthracene	25.84	278	2794597	49.517	nq	99
92) Benzo(g,h,i)perylene	26.53	276	2646354	50.367	nq	99

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



#1

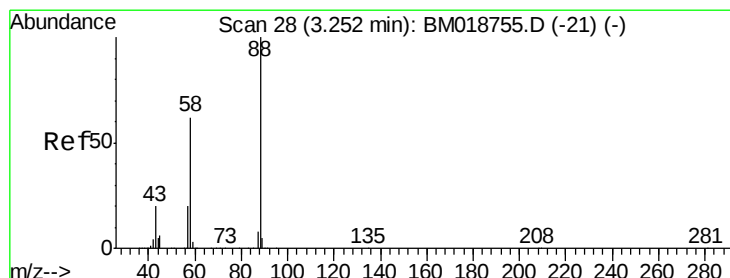
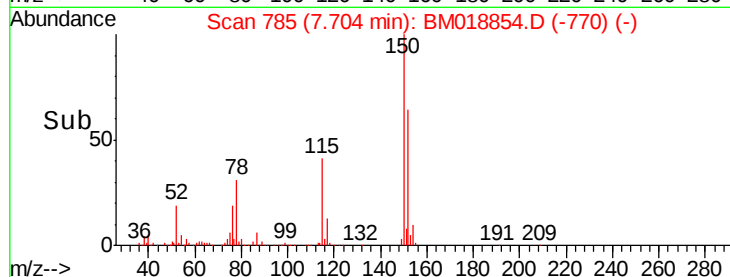
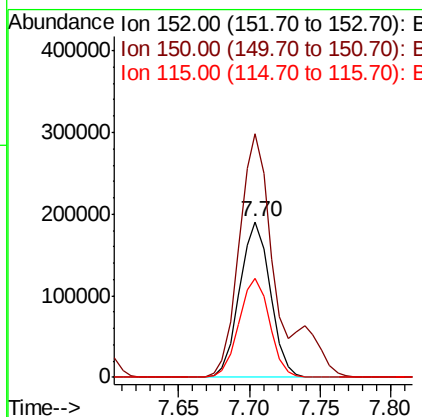
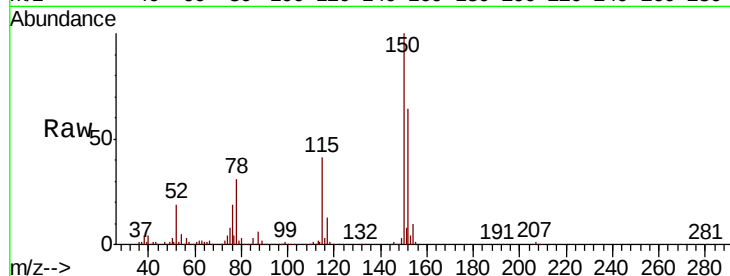
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	63.7	50.8	76.2

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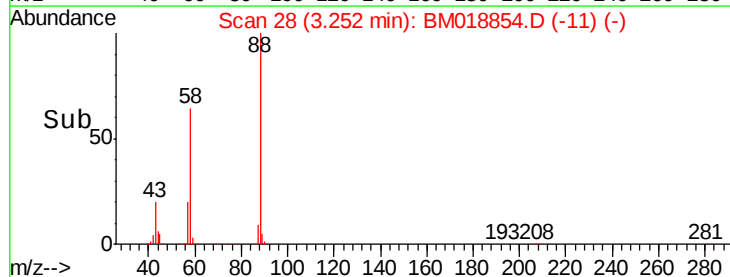
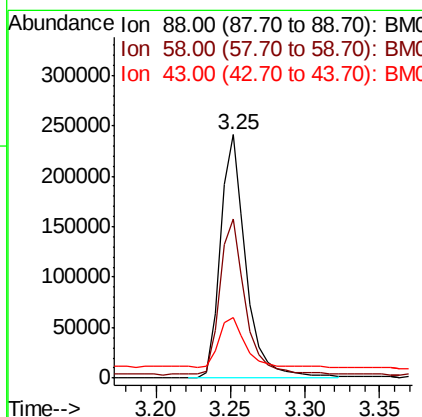
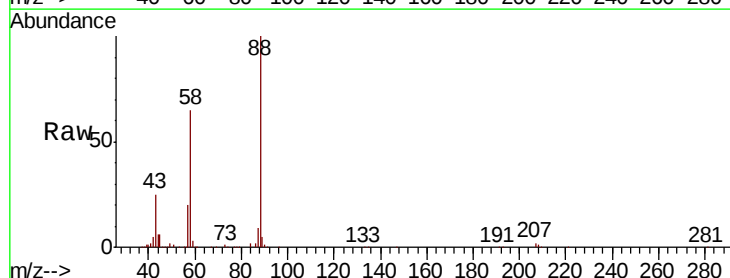
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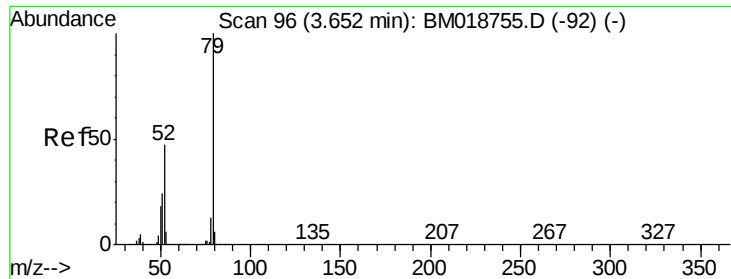


#2

1,4-Dioxane
Concen: 37.142 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	49.8	74.6
43	21.7	16.7	25.1





#3

Pvridine

Concen: 38.724 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

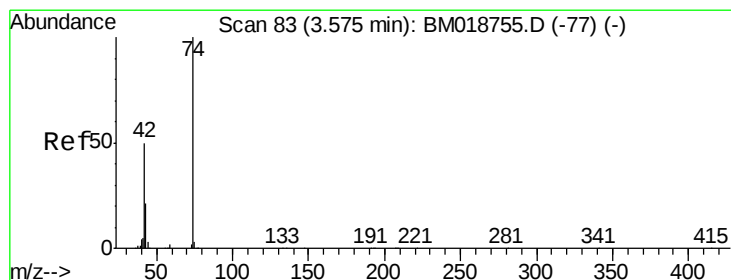
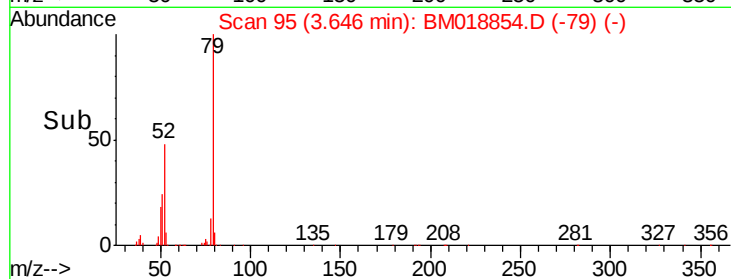
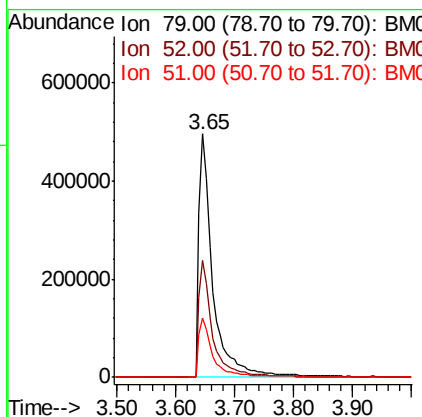
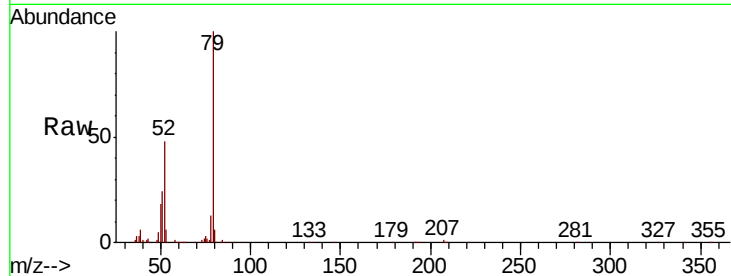
ClientSampleId :

PB117208BS

Tot Ion:	79	Resp:	815304
Ion Ratio	Lower	Upper	
79	100		
52	47.8	37.6	56.4
51	24.4	19.7	29.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.000 ng

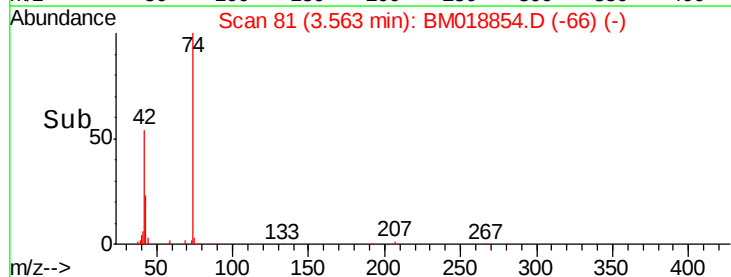
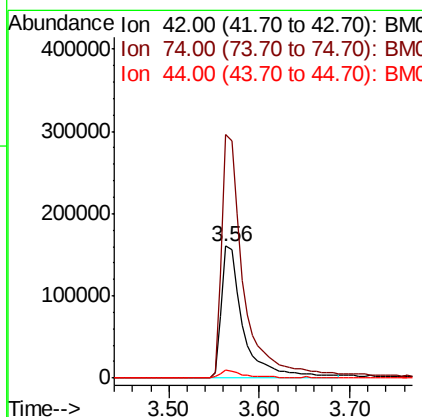
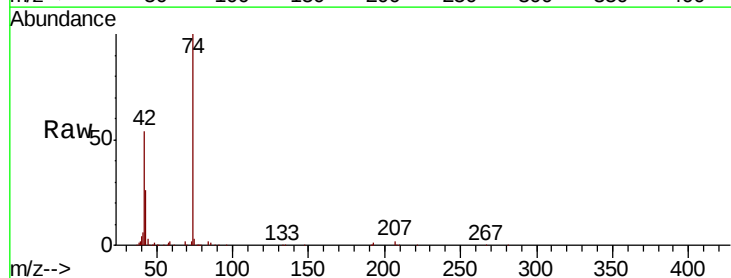
RT: 3.56 min Scan# 81

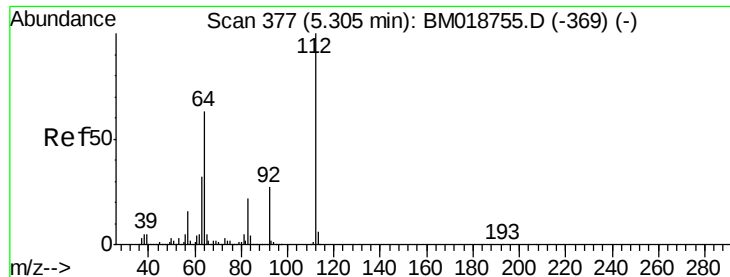
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	42	Resp:	262455
Ion Ratio	Lower	Upper	
42	100		
74	184.3	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 161.606 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampled :

PB117208BS

Tot Ion:112 Resp: 2863978

Ion Ratio Lower Upper

112 100

64 64.8 50.6 75.8

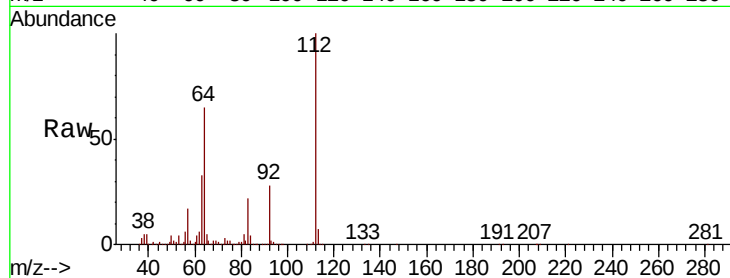
63 33.1 25.7 38.5

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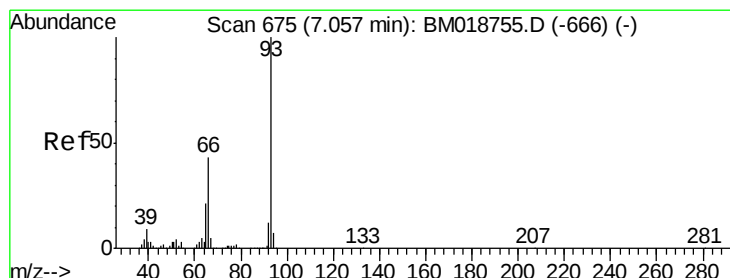
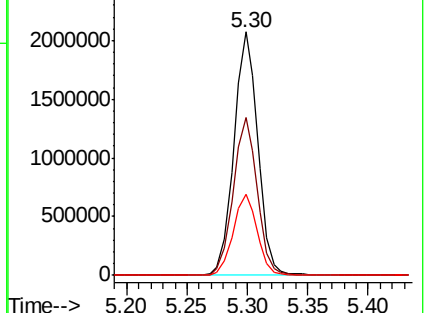
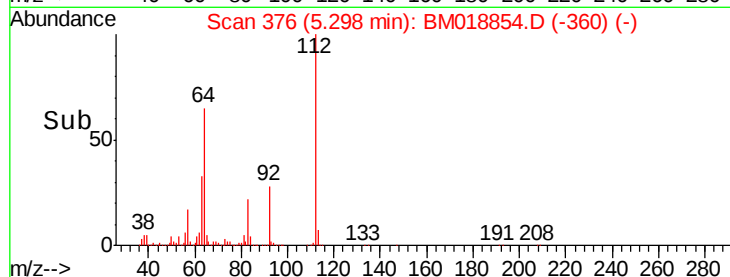
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 33.085 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

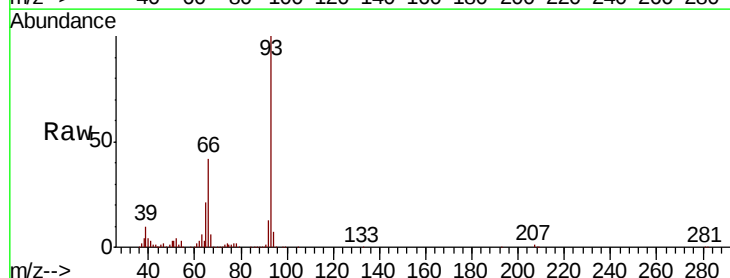
Tgt Ion: 93 Resp: 1012048

Ion Ratio Lower Upper

93 100

66 42.4 34.1 51.1

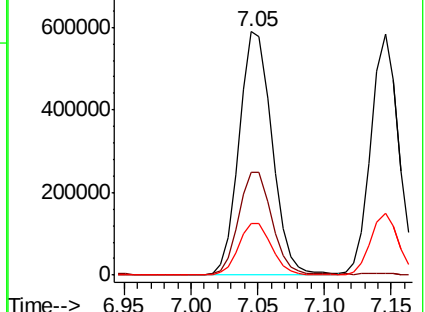
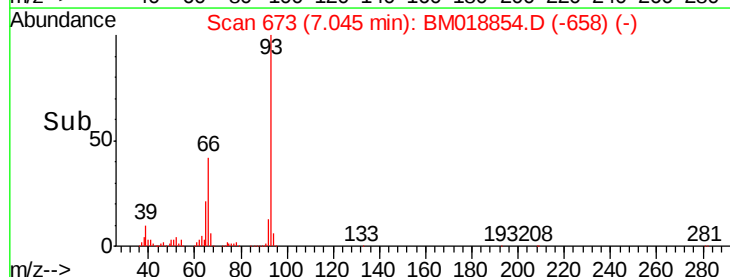
65 21.4 16.6 24.8

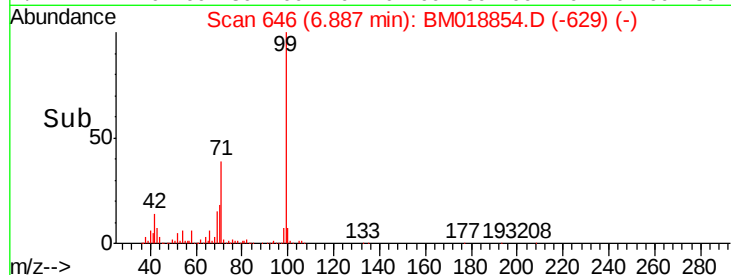
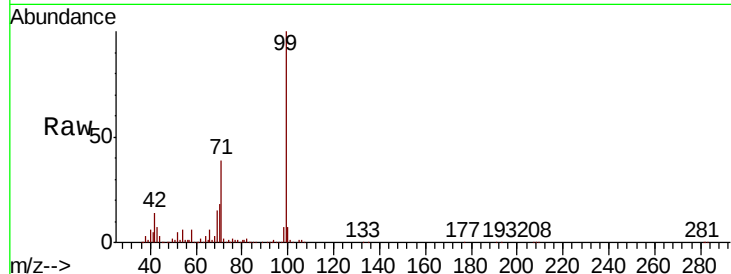
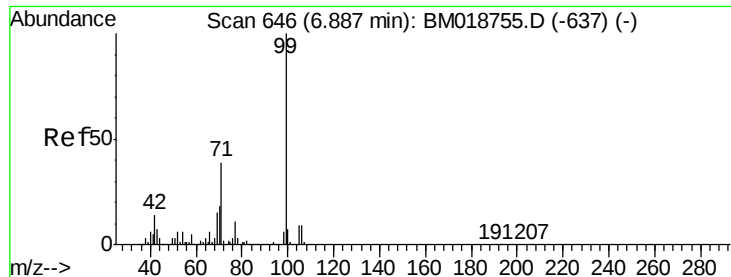


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 156.622 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tot Ion:	99	Resp:	3910213
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.4	31.3	46.9

Instrument :

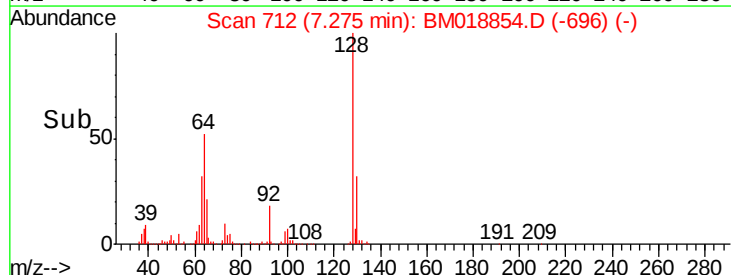
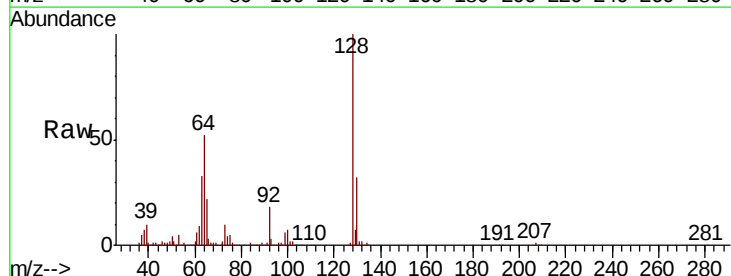
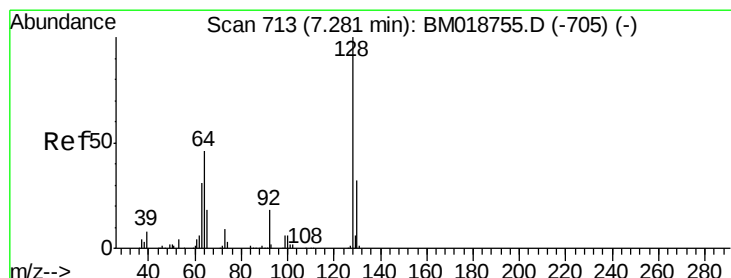
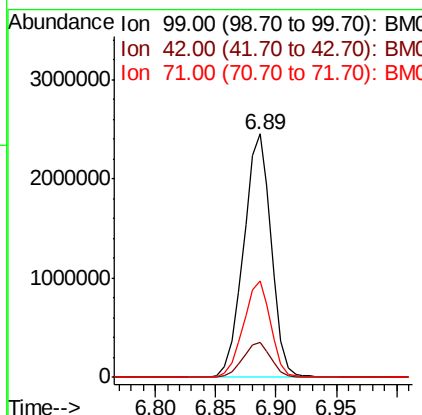
BNA_M

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#8

2-Chlorophenol

Concen: 45.512 ng

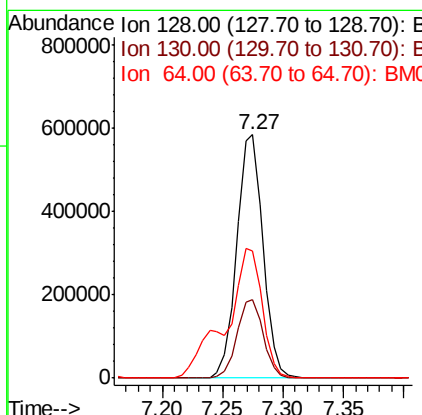
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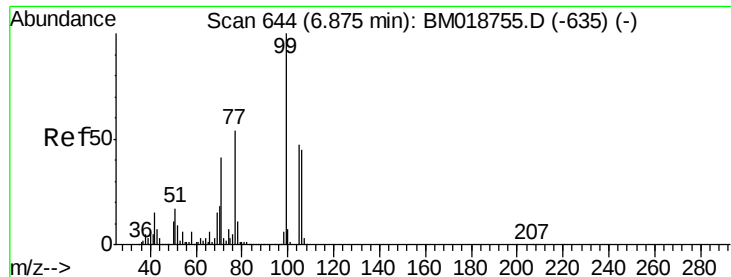
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	128	Resp:	885530
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.7	51.7
64	52.1	31.0	71.0





#9

Benzaldehyde

Concen: 23.278 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

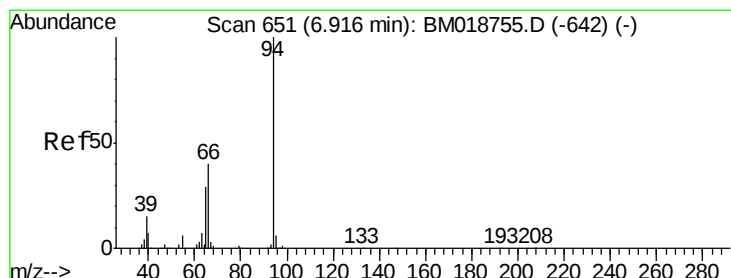
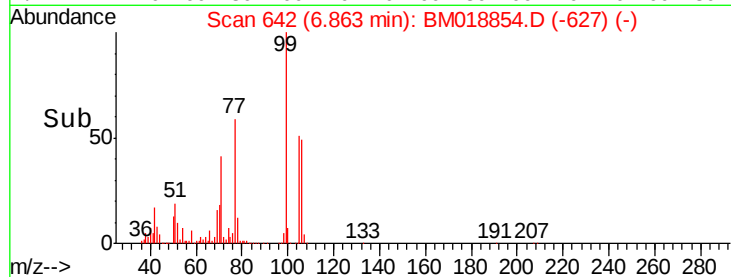
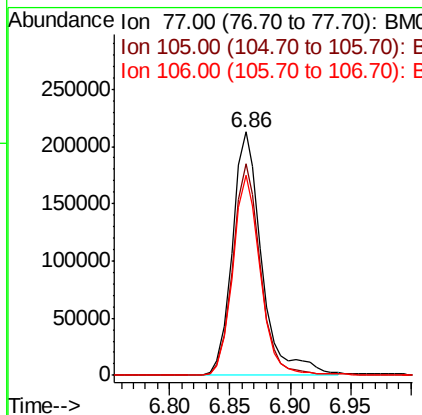
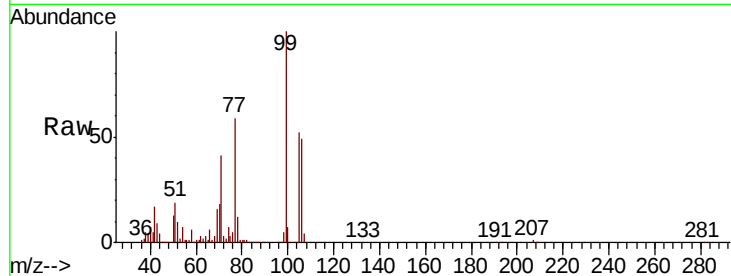
ClientSampled :

PB117208BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	87.2	67.3	107.3		
106	82.0	62.9	102.9		

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#10

Phenol

Concen: 45.903 ng

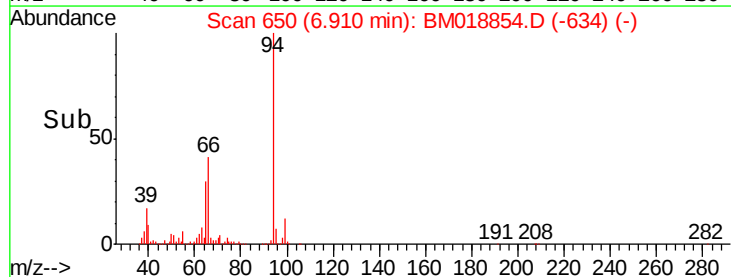
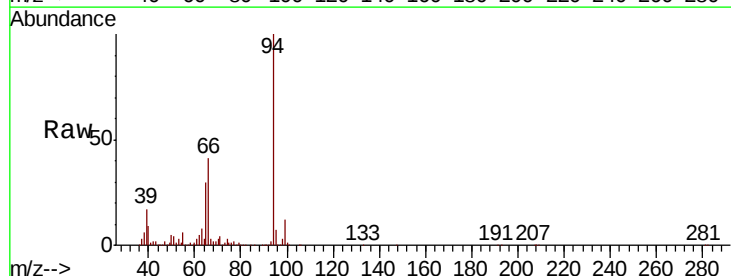
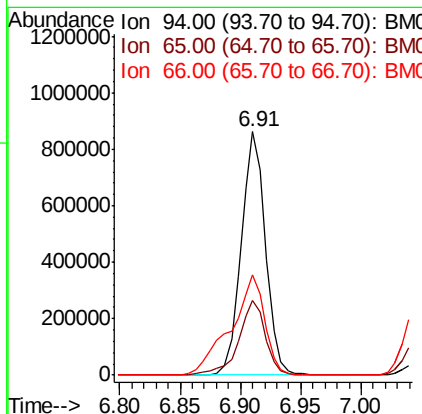
RT: 6.91 min Scan# 650

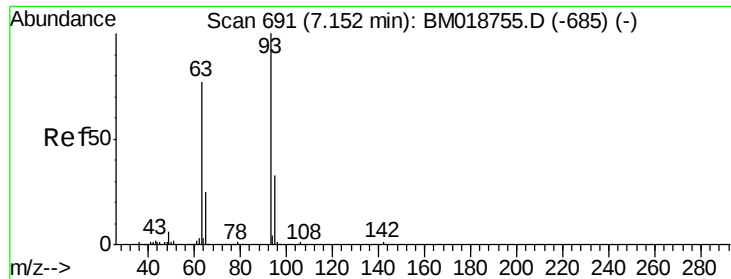
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	9.6	49.6		
66	41.1	20.4	60.4		





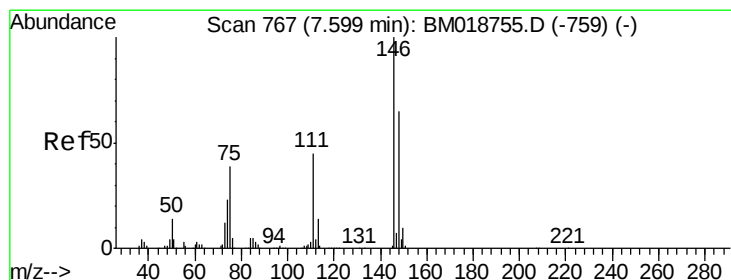
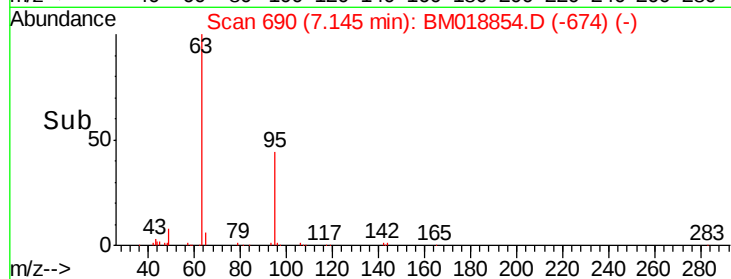
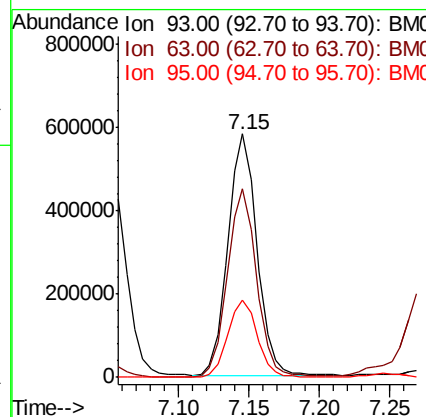
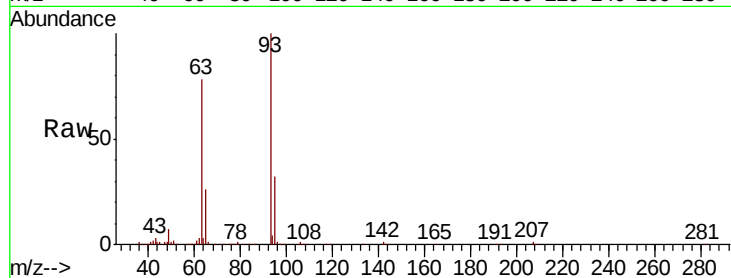
#11
bis(2-Chloroethyl)ether
Concen: 41.075 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	57.0	97.0
95	32.0	12.4	52.4

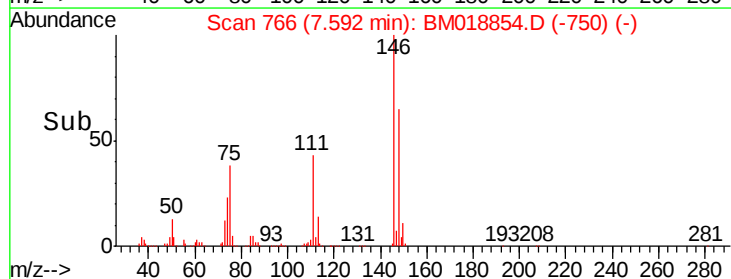
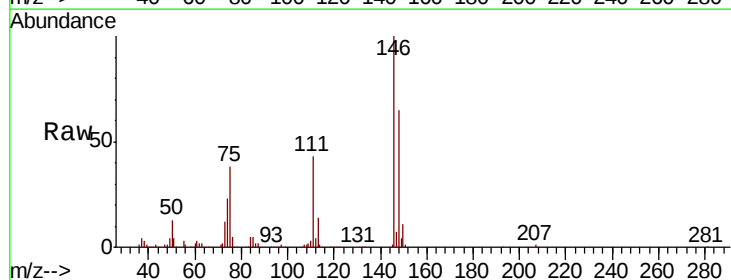
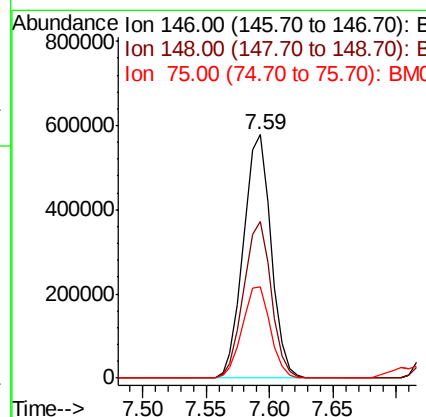
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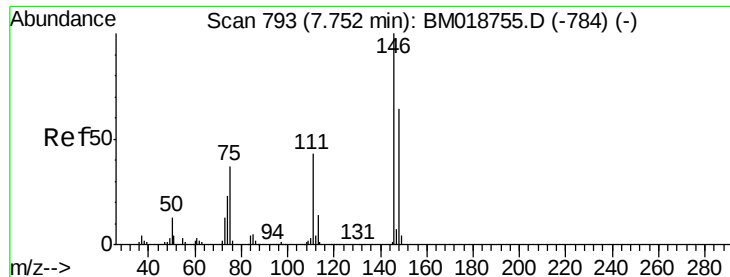
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#12
1,3-Dichlorobenzene
Concen: 39.983 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	37.7	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 40.162 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

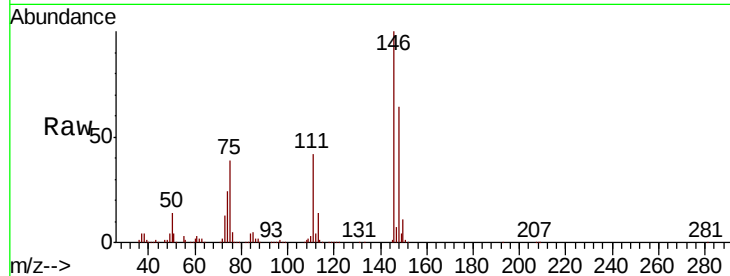
ClientSampleId :

PB117208BS

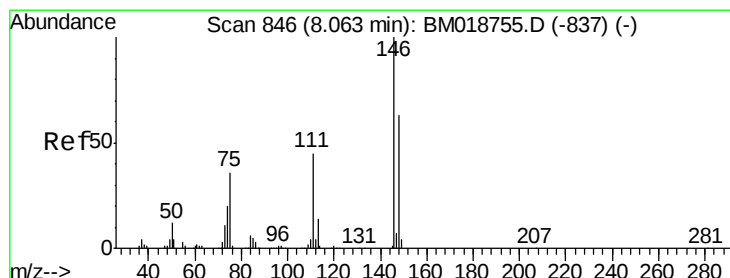
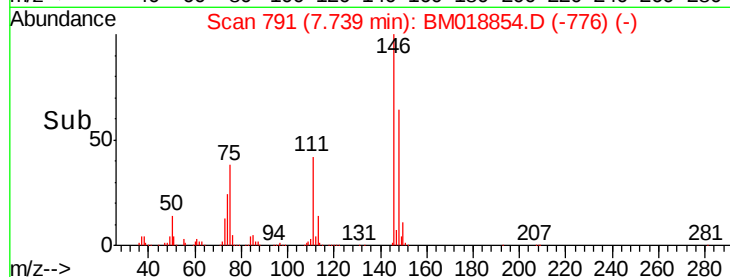
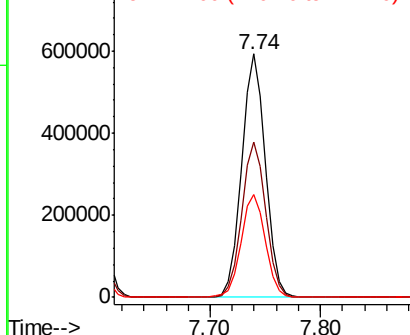
Tot Ion:	146	Resp:	894538
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	42.4	34.6	52.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.240 ng

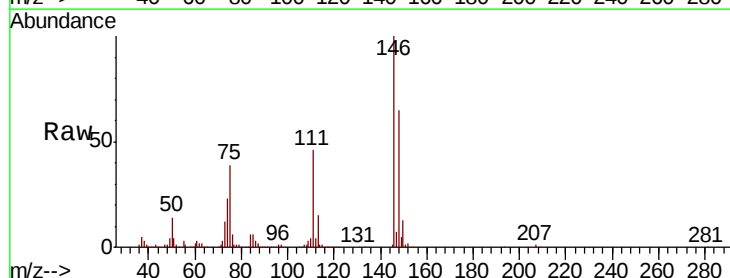
RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

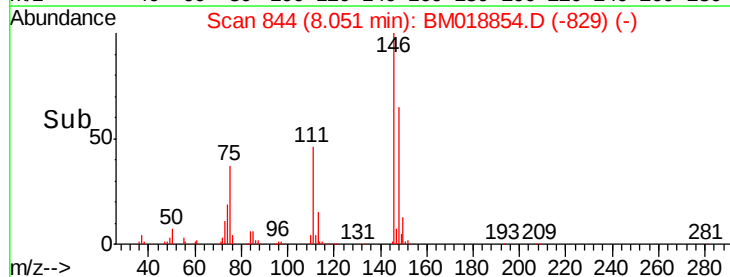
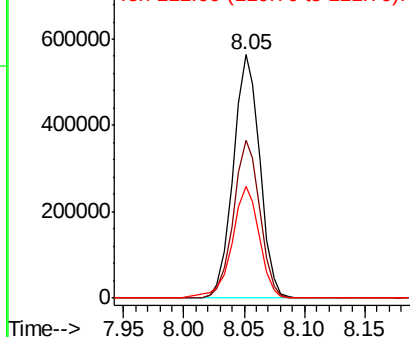
Lab File: BM018854.D

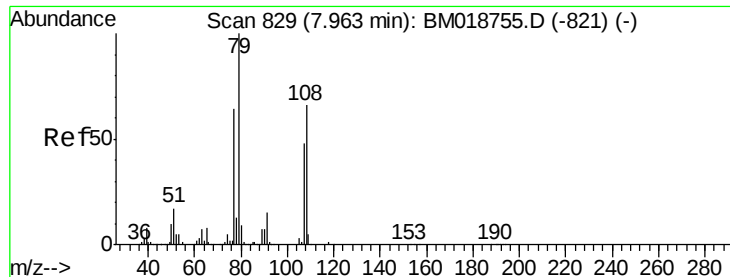
Acq: 19 Feb 2019 13:32

Tgt Ion:	146	Resp:	860940
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.7	76.1
111	45.9	35.9	53.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.339 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

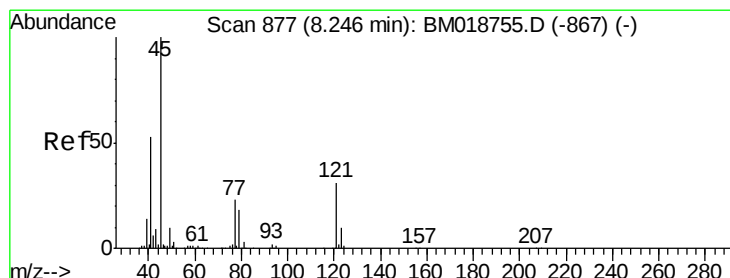
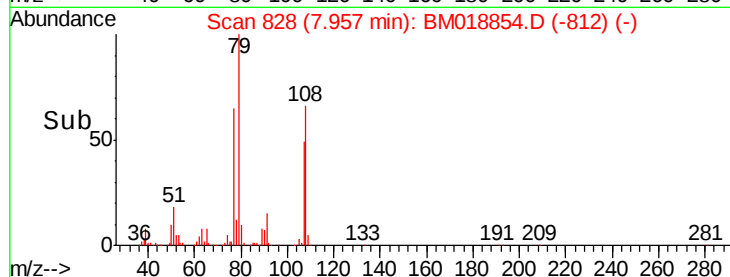
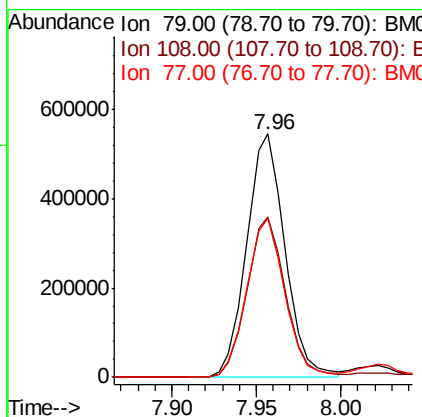
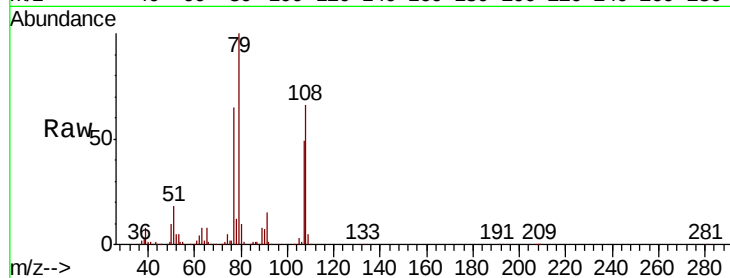
ClientSampleId :

PB117208BS

Tot Ion:	79	Resp:	859733
Ion Ratio	Lower	Upper	
79	100		
108	66.0	52.7	79.1
77	65.4	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.675 ng

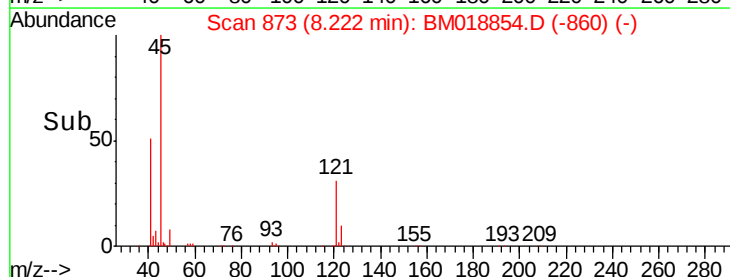
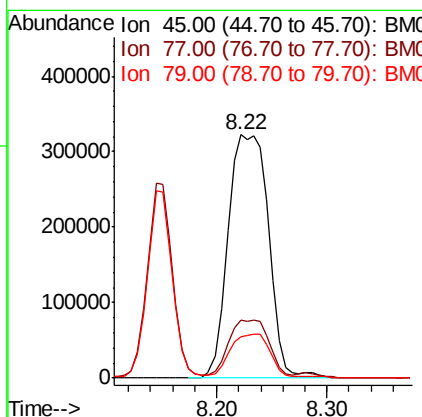
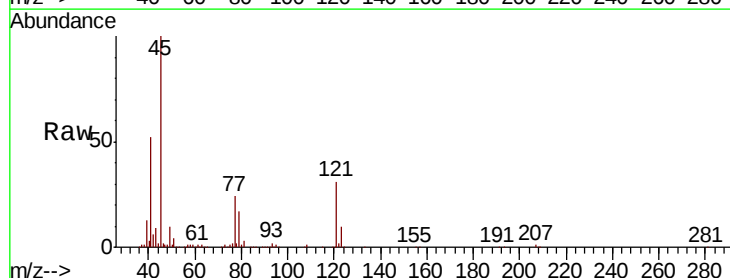
RT: 8.22 min Scan# 873

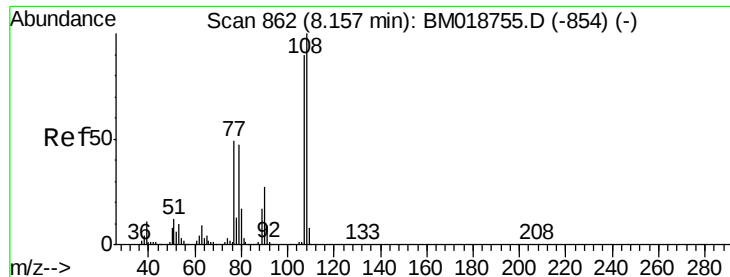
Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	45	Resp:	827649
Ion Ratio	Lower	Upper	
45	100		
77	23.9	5.0	45.0
79	17.0	0.0	39.3





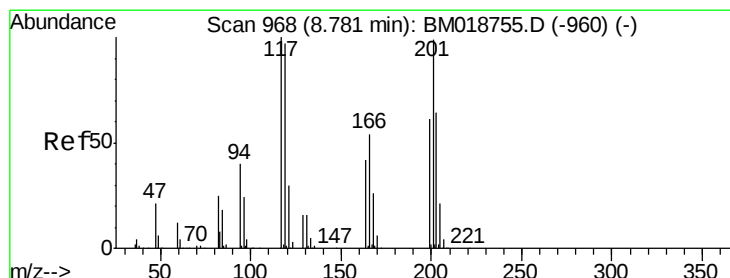
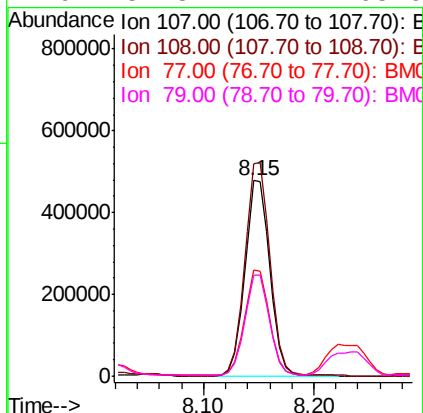
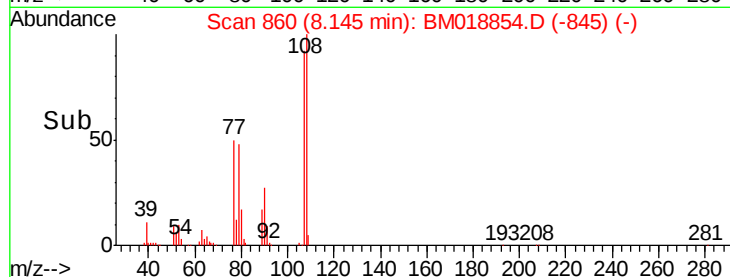
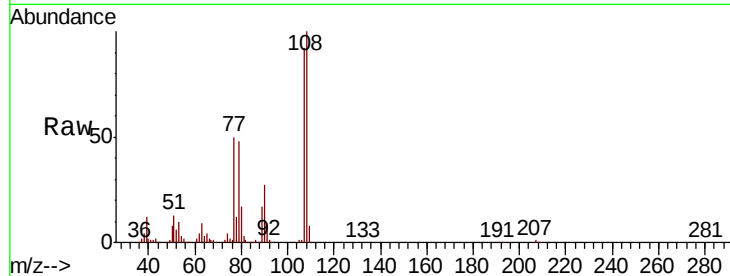
#17
2-Methylphenol
Concen: 45.368 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	758526		
108	108.00	109.0		88.8	133.2
77	77.00	54.2		44.0	66.0
79	79.00	51.8		42.4	63.6

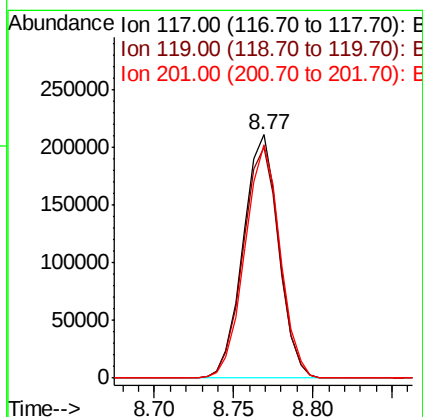
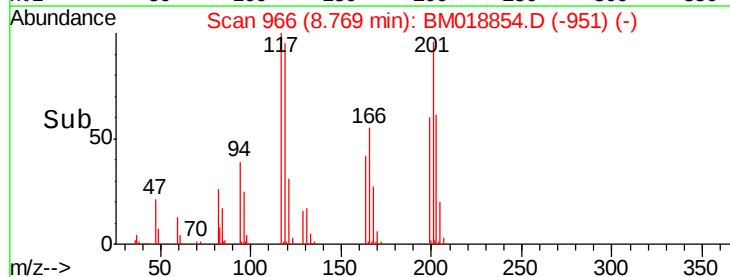
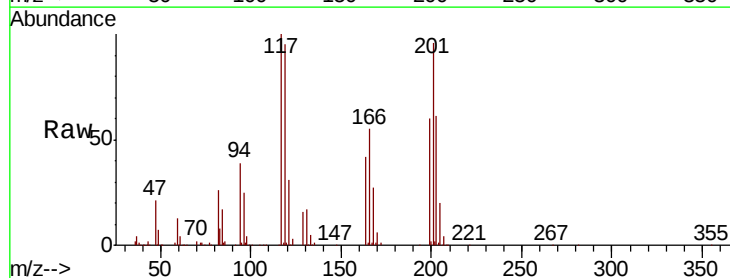
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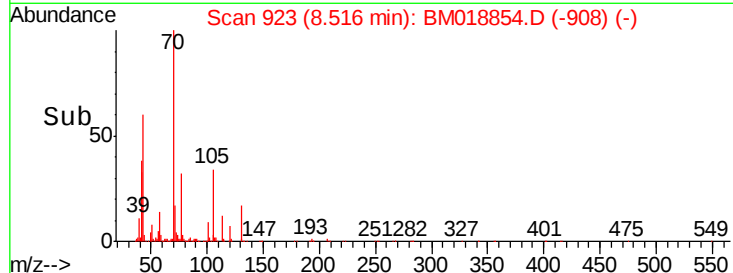
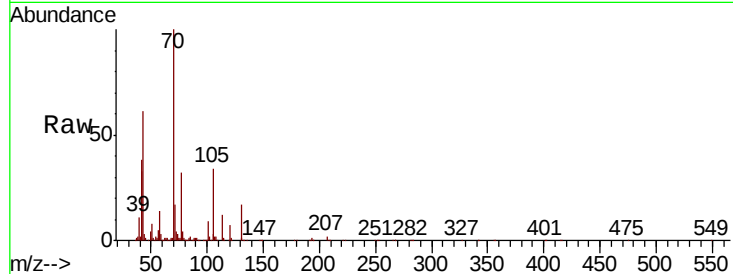
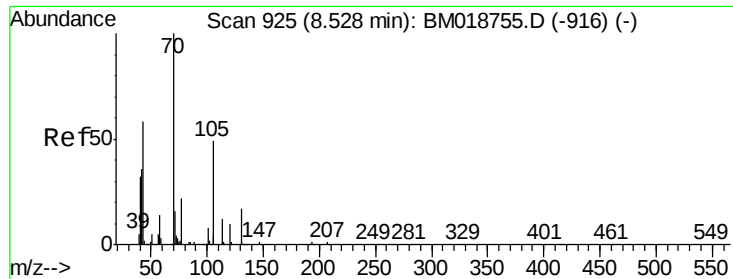
Sohil
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#18
Hexachloroethane
Concen: 40.566 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	329836		
119	119.00	94.9		77.9	116.9
201	201.00	96.0		79.2	118.8





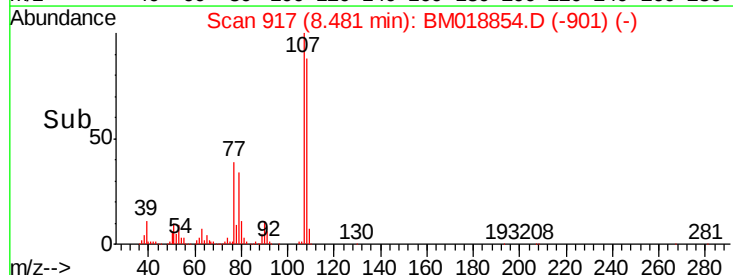
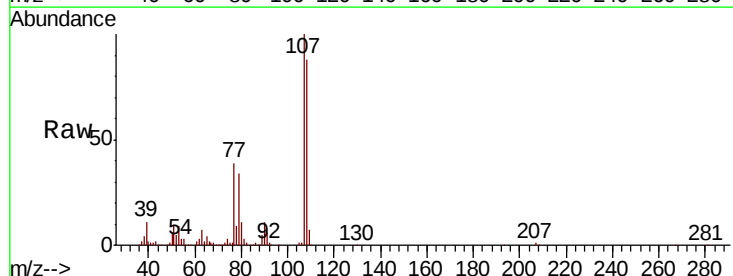
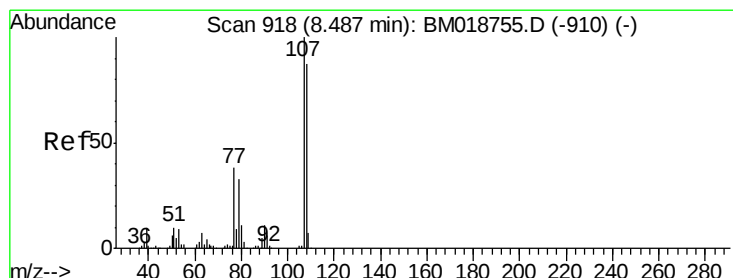
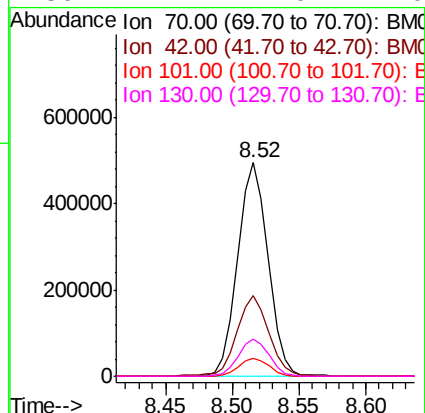
#19
n-Nitroso-di-n-propylamine
Concen: 40.452 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.8	29.4	44.0	
101	8.7	6.7	10.1	
130	17.2	14.0	21.0	

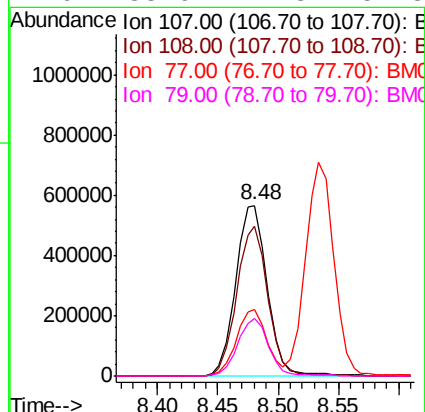
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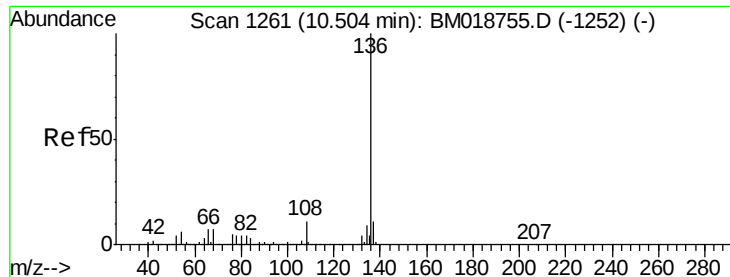
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#20
3+4-Methylphenols
Concen: 44.612 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	67.3	107.3	
77	38.9	18.0	58.0	
79	33.6	12.8	52.8	





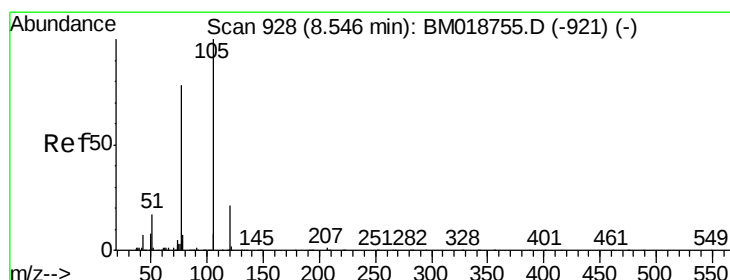
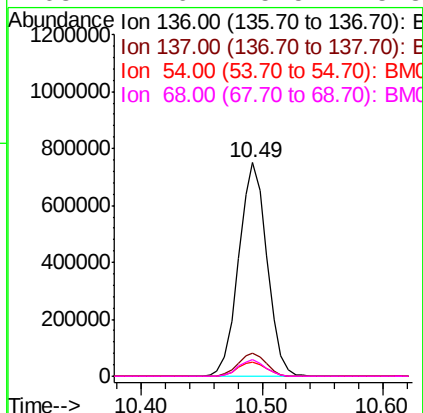
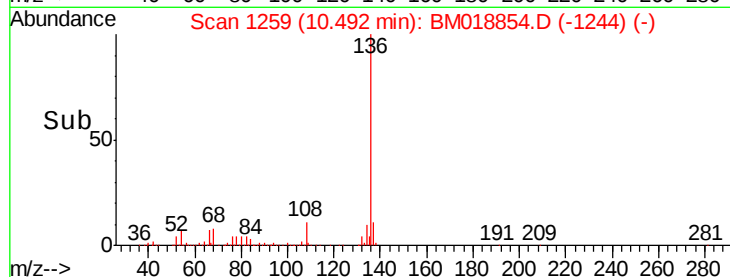
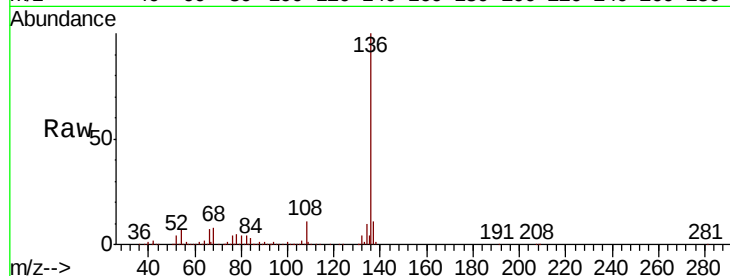
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.6	5.5	8.3

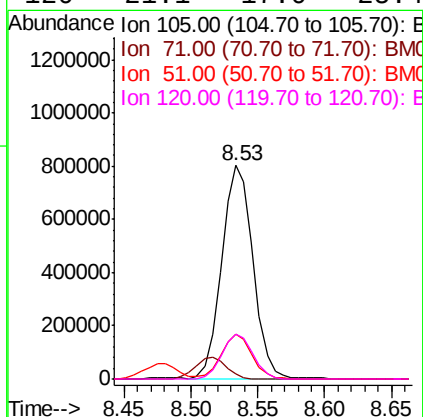
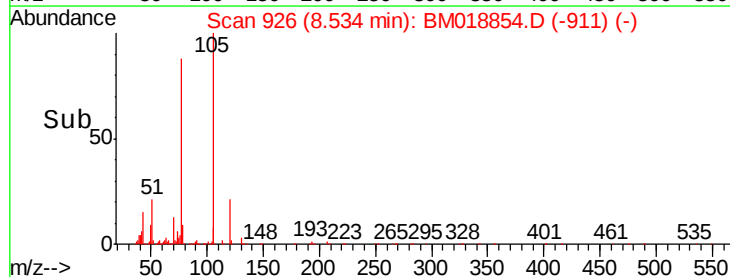
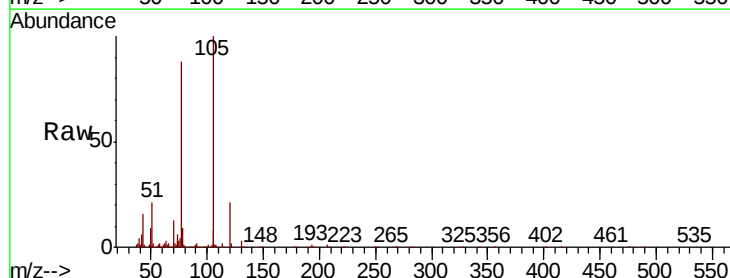
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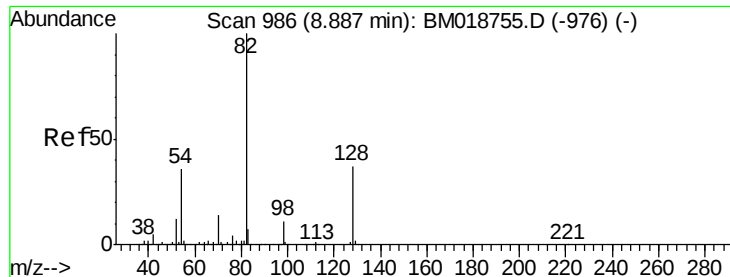
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#22
Acetophenone
Concen: 38.881 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.1	1.7#
51	20.8	15.5	23.3
120	21.1	17.0	25.4





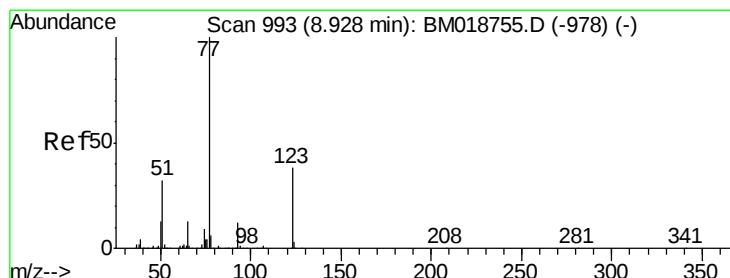
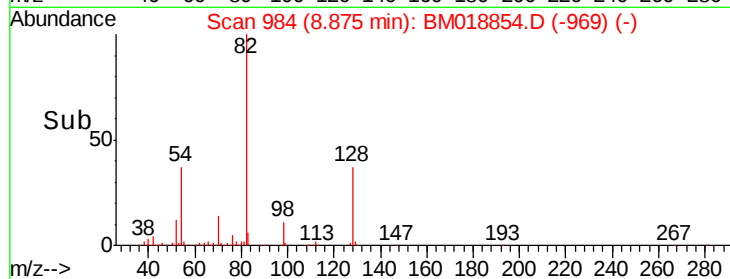
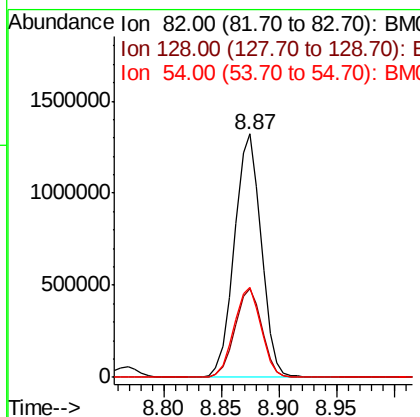
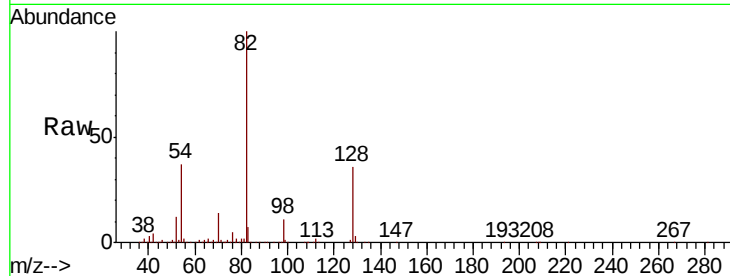
#23
 Nitrobenzene-d5
 Concen: 80.573 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Tot Ion	82	Resp	2131340
Ion Ratio	100	Lower	Upper
82	100		
128	36.5	29.9	44.9
54	36.9	29.1	43.7

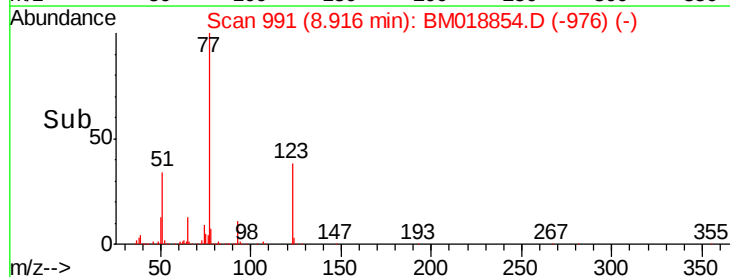
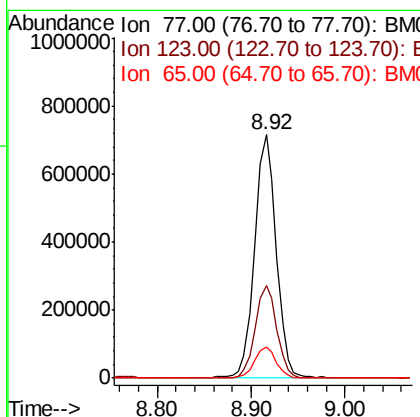
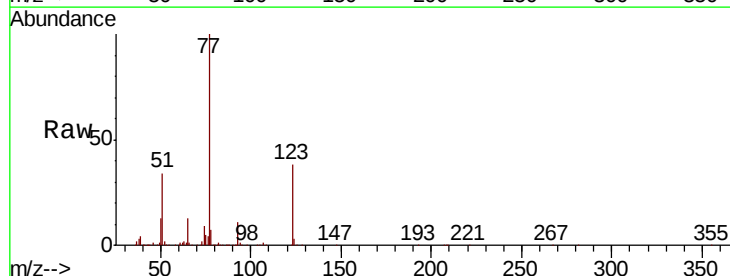
Manual Integrations
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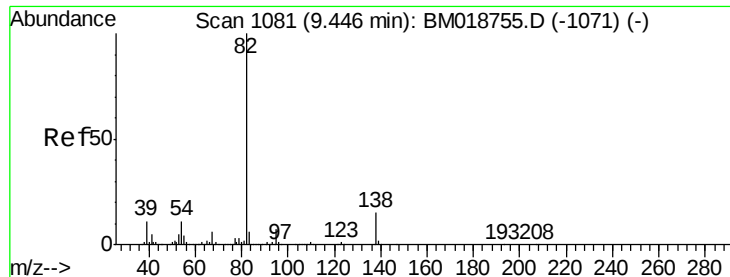
Sohil
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#24
 Nitrobenzene
 Concen: 41.304 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	77	Resp	1134097
Ion Ratio	100	Lower	Upper
77	100		
123	38.2	30.7	46.1
65	12.8	10.5	15.7





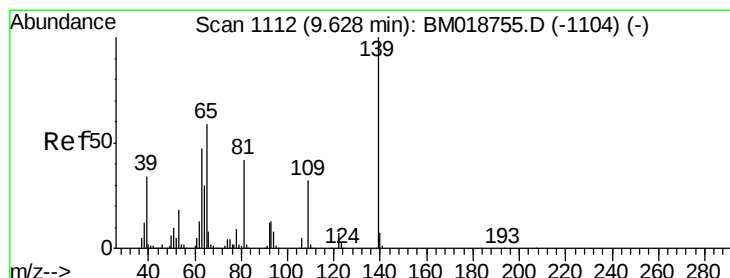
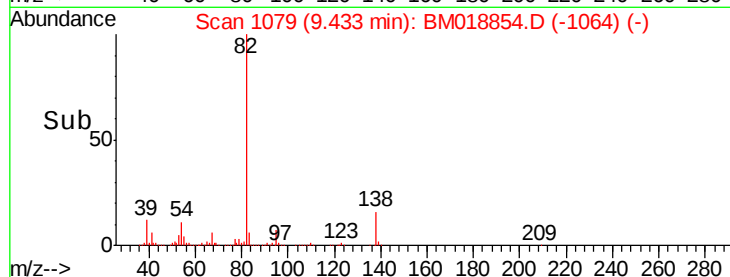
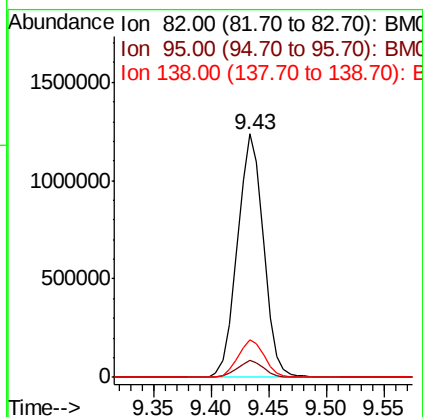
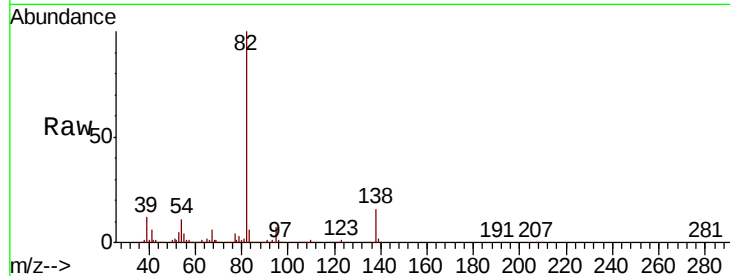
#25
Isophorone
Concen: 45.979 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.5	12.3	18.5

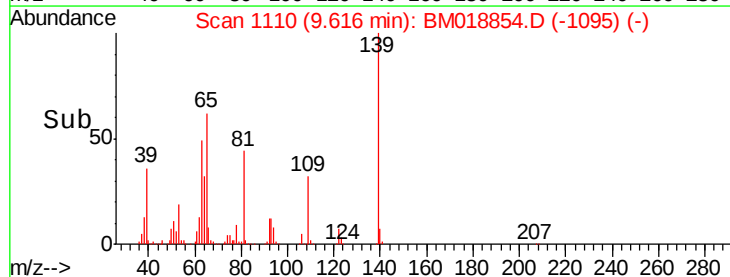
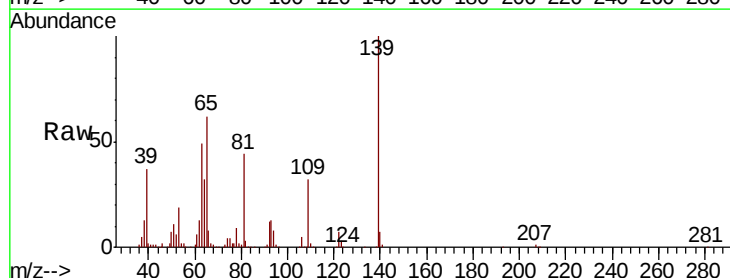
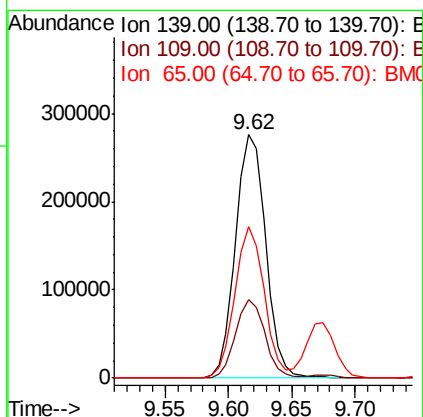
Manual Integrations
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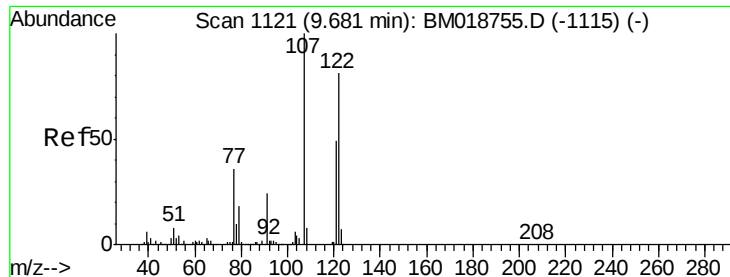
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#26
2-Nitrophenol
Concen: 41.845 ng
RT: 9.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.2	37.8
65	62.0	47.0	70.4





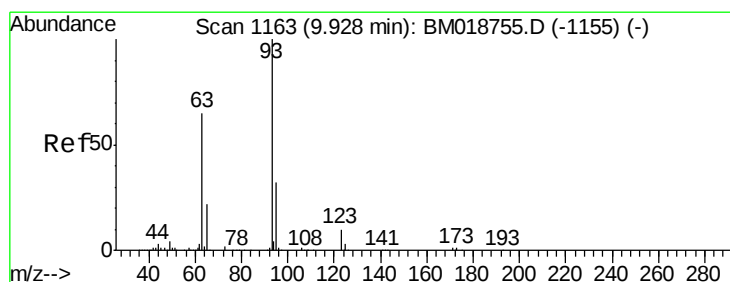
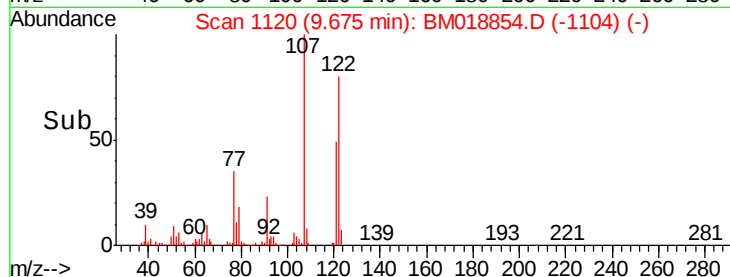
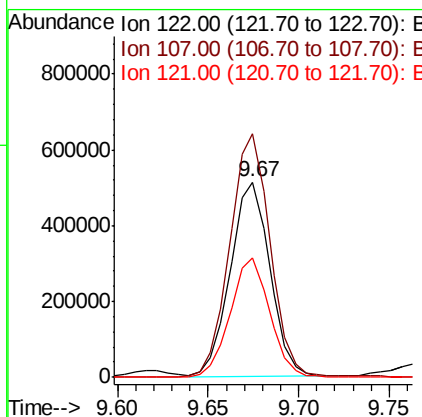
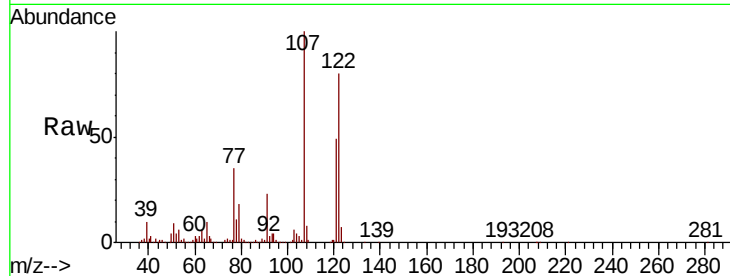
#27
2,4-Dimethylphenol
Concen: 48.973 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	97.6	146.4
121	60.9	47.9	71.9

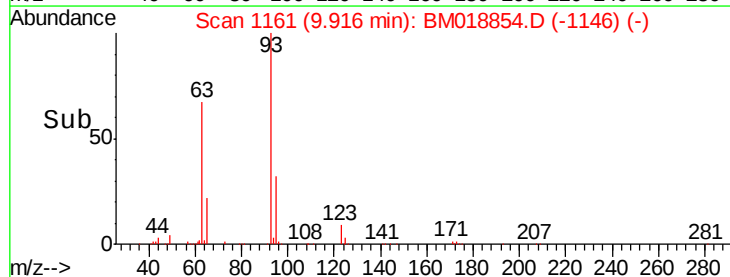
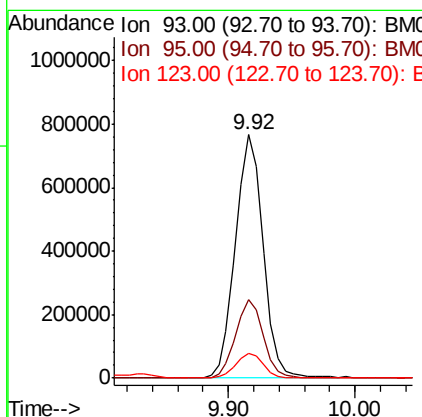
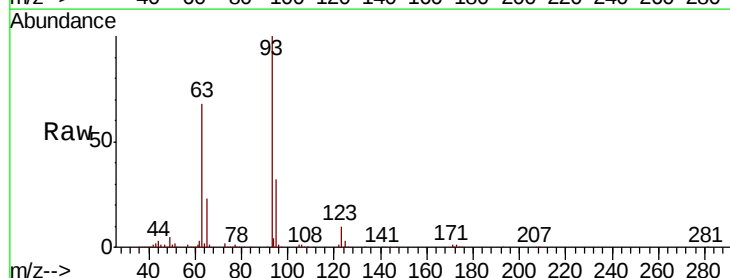
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#28
bis(2-Chloroethoxy)methane
Concen: 42.544 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.3	8.2	12.4





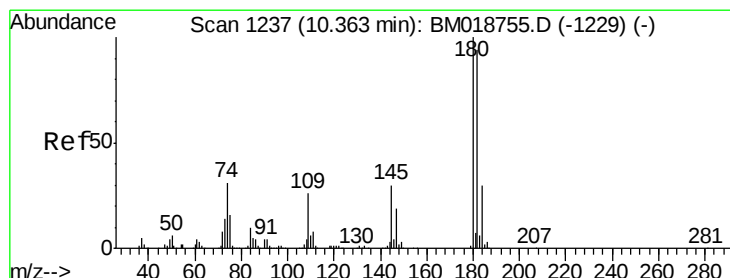
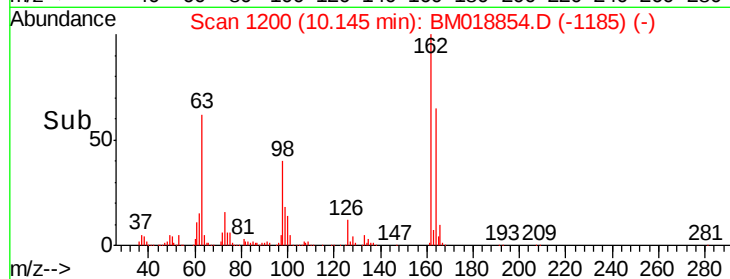
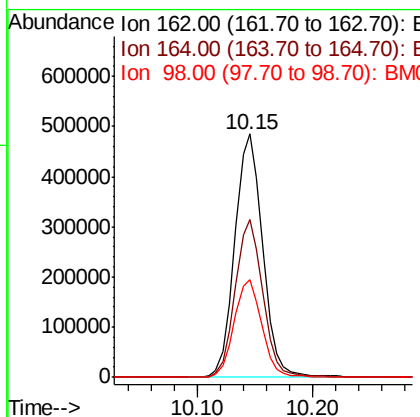
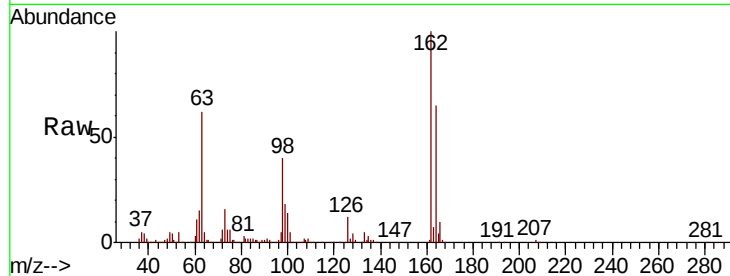
#29
 2,4-Dichlorophenol
 Concen: 44.296 ng
 RT: 10.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.1	84.1
98	39.9	19.4	59.4

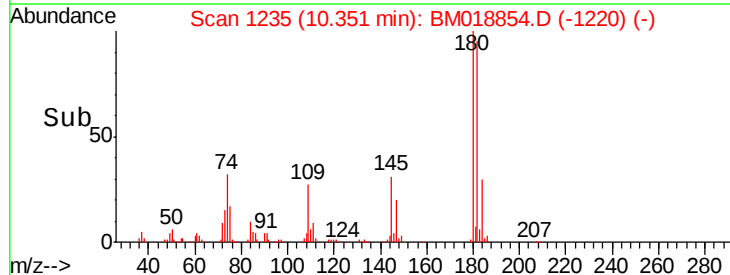
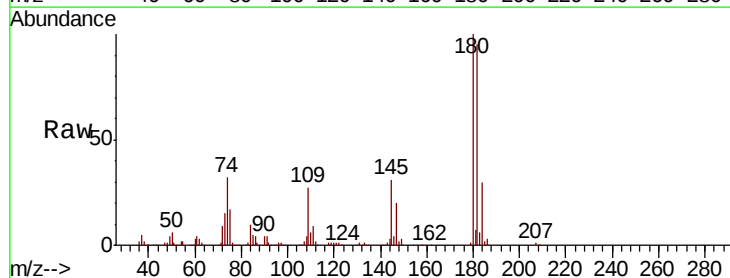
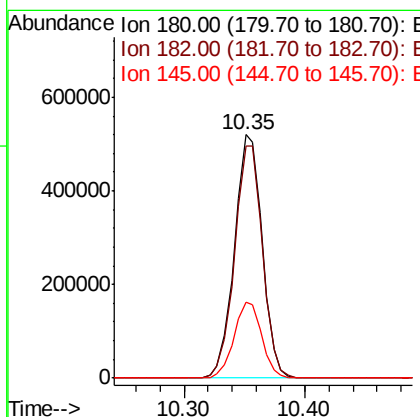
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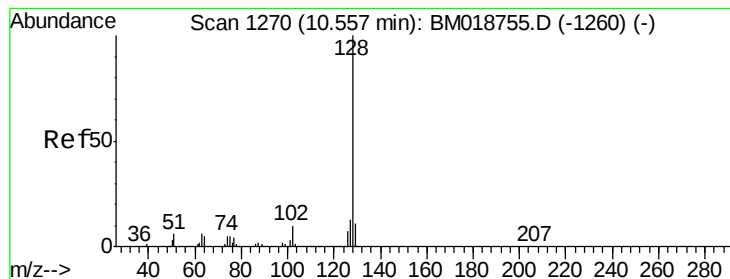
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.317 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	75.0	112.6
145	31.1	24.1	36.1





#31

Naphthalene

Concen: 43.445 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

PB117208BS

Tot Ion:128 Resp: 2591599

Ion Ratio Lower Upper

128 100

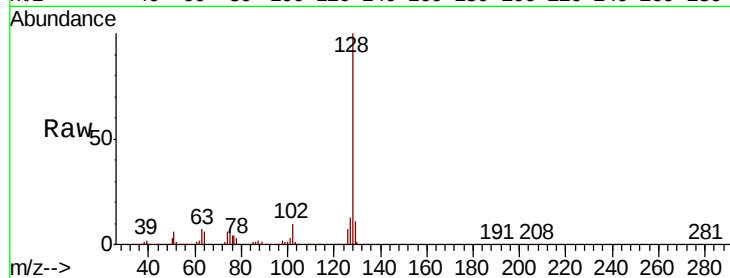
129 10.9 9.0 13.4

127 13.0 10.7 16.1

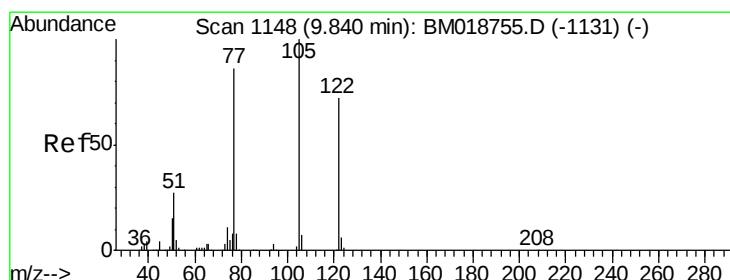
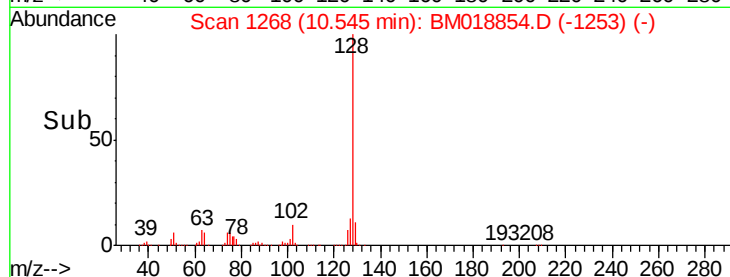
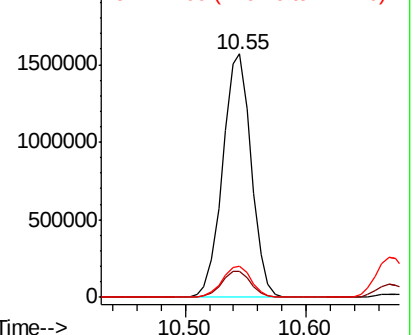
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.717 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

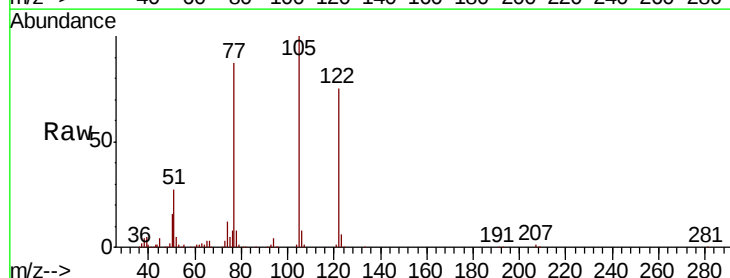
Tgt Ion:122 Resp: 511513

Ion Ratio Lower Upper

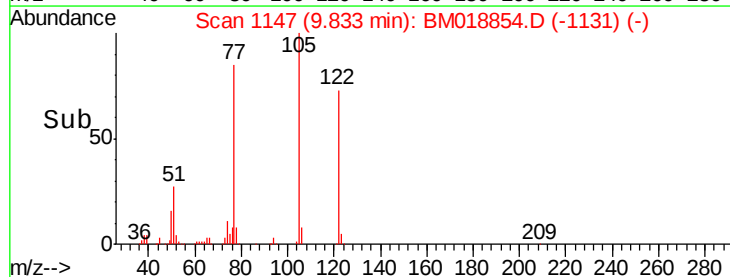
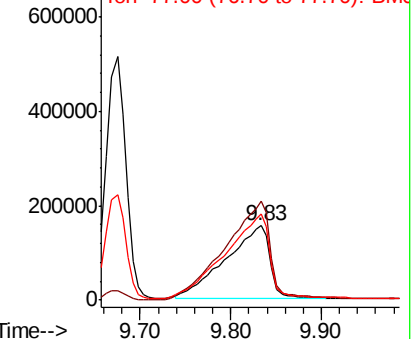
122 100

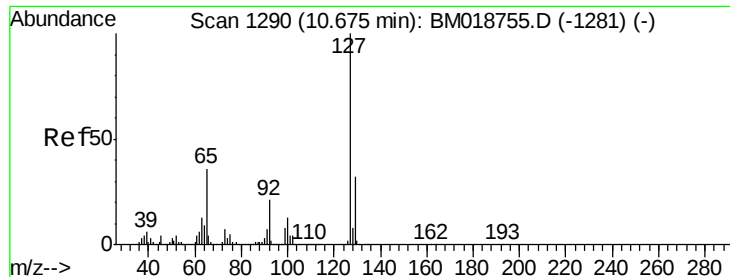
105 134.1 117.5 157.5

77 116.2 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





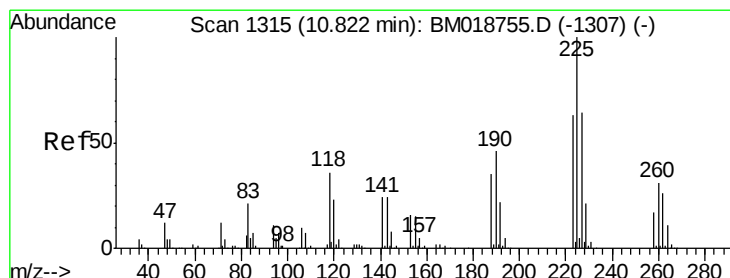
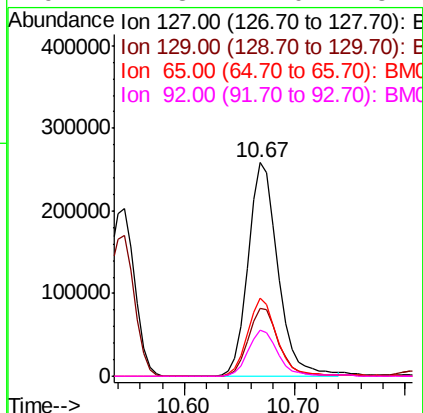
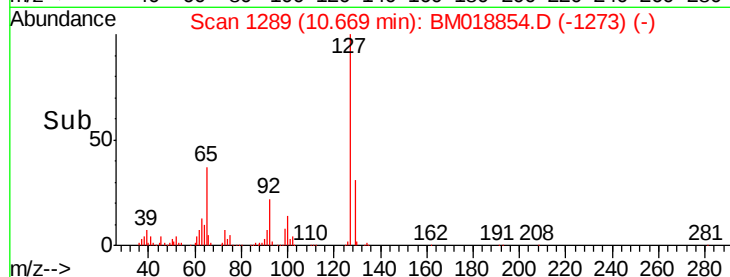
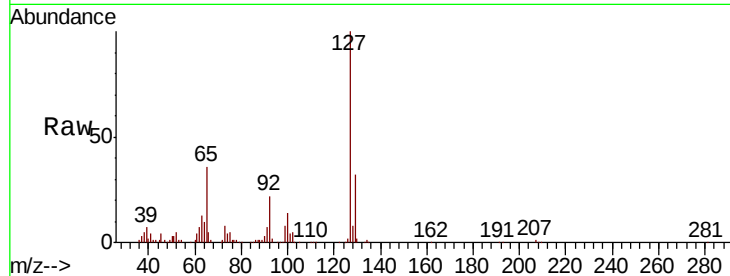
#33
4-Chloroaniline
Concen: 18.473 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	36.3	28.7	43.1
92	21.8	17.0	25.4

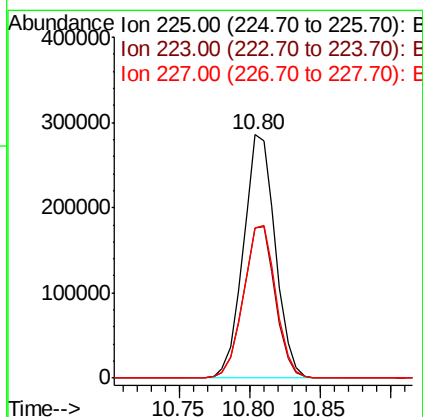
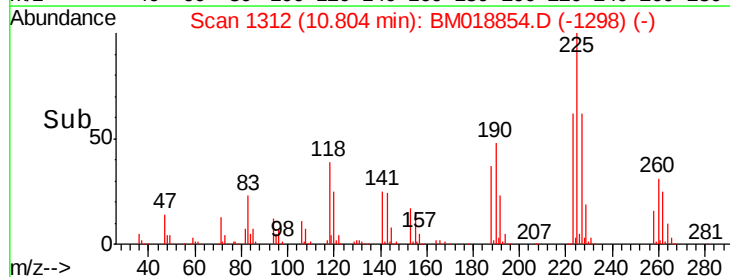
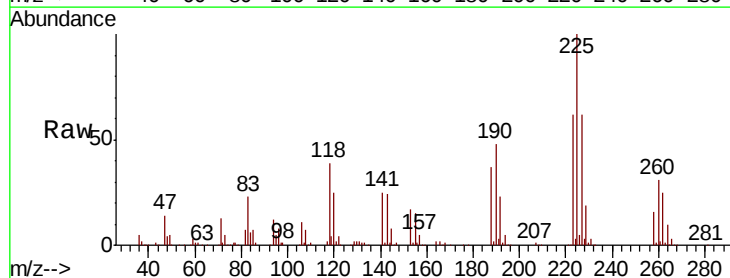
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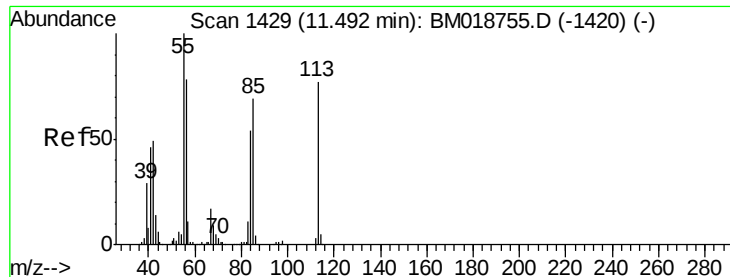
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#34
Hexachlorobutadiene
Concen: 36.672 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.1	75.1
227	61.7	51.4	77.0





#35

Caprolactam

Concen: 34.560 ng/mL

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

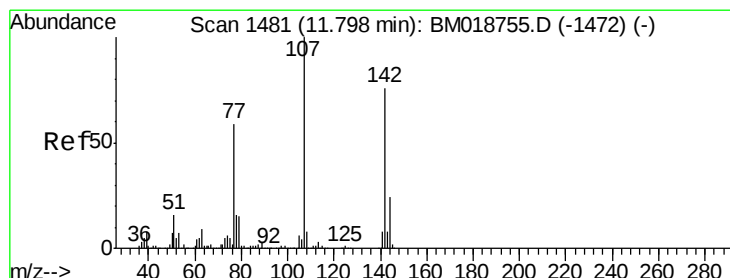
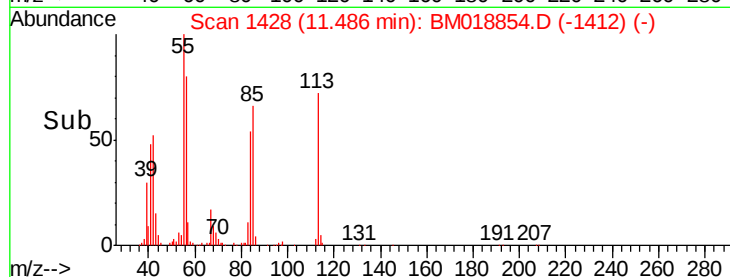
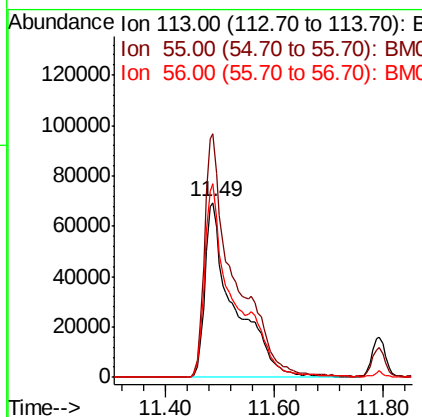
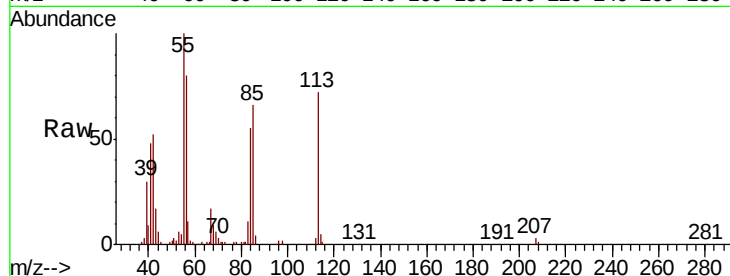
ClientSampleId :

PB117208BS

Tot Ion:	113	Resp:	258647
Ion Ratio	Lower	Upper	
113	100		
55	139.3	110.7	150.7
56	110.9	82.4	122.4

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#36

4-Chloro-3-methylphenol

Concen: 42.387 ng/mL

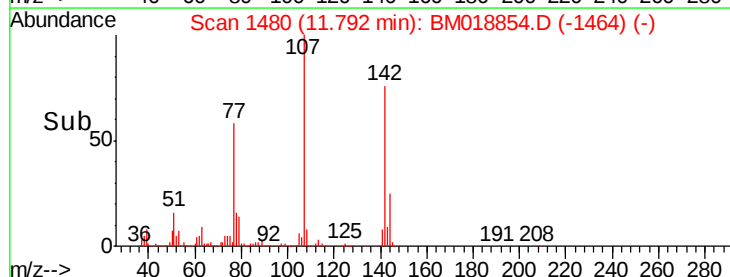
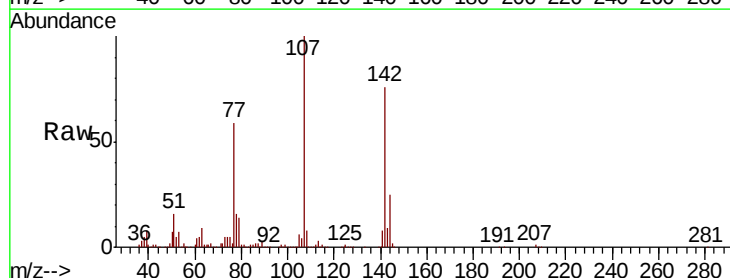
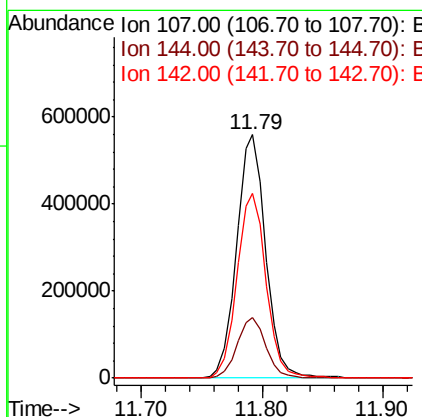
RT: 11.79 min Scan# 1480

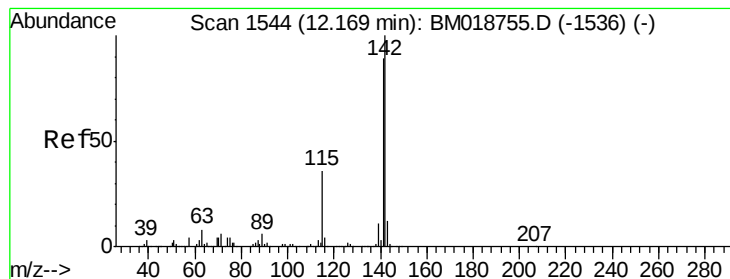
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	107	Resp:	937156
Ion Ratio	Lower	Upper	
107	100		
144	25.0	19.3	28.9
142	76.0	60.5	90.7





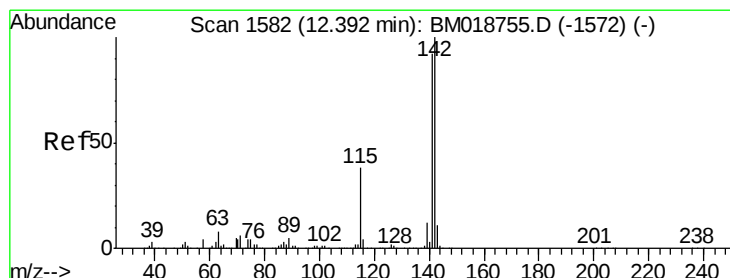
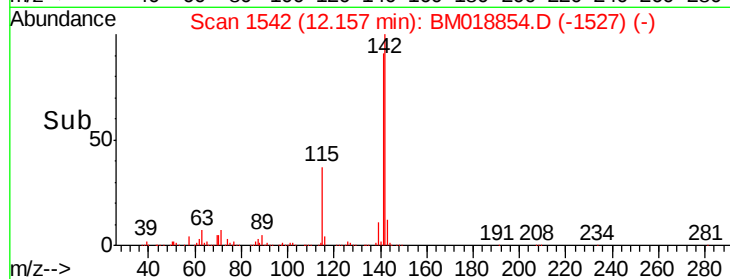
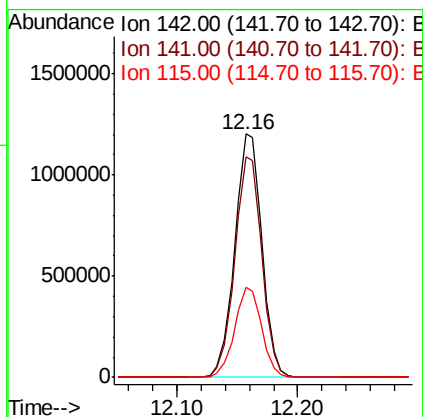
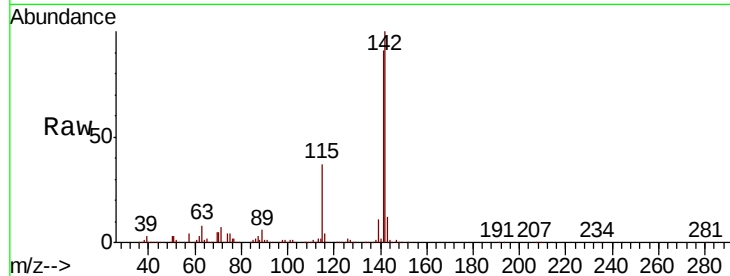
#37
2-Methylnaphthalene
Concen: 44.825 ng
RT: 12.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.2	106.8
115	37.0	29.1	43.7

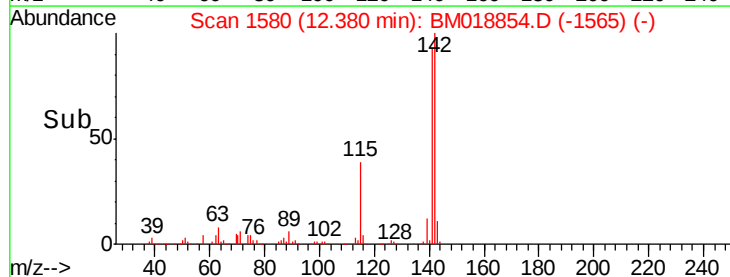
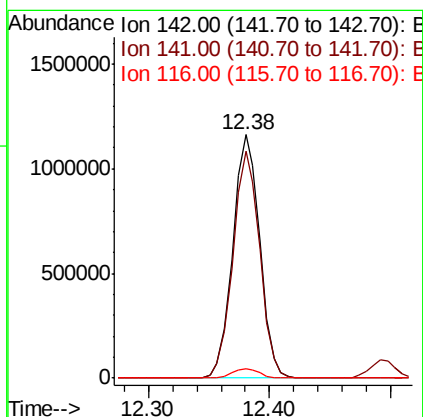
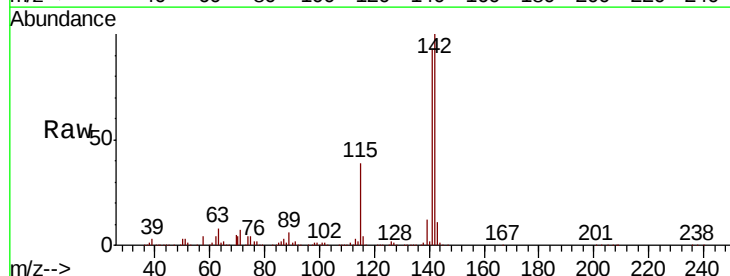
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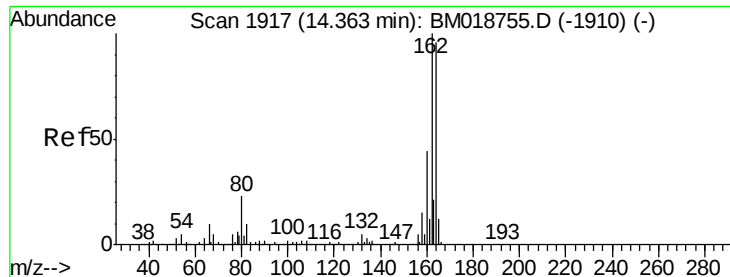
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#38
1-Methylnaphthalene
Concen: 43.866 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9
116	4.0	3.0	4.4





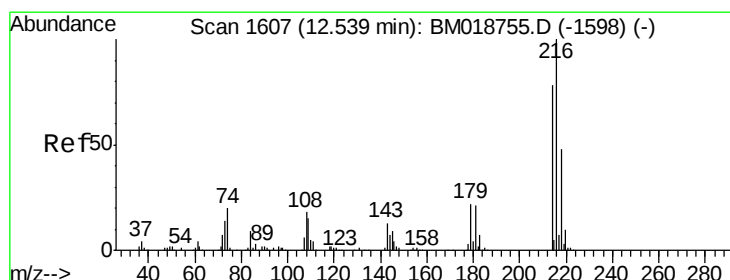
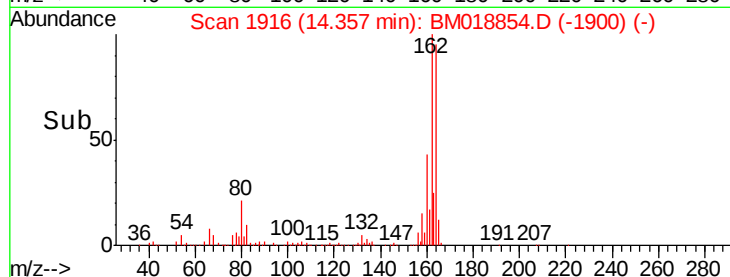
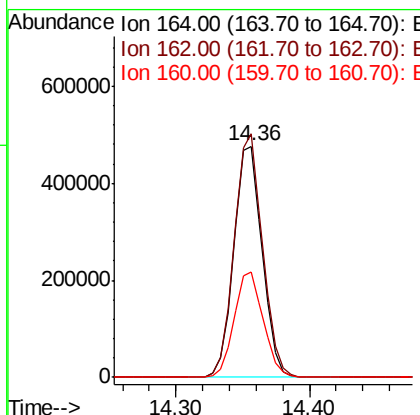
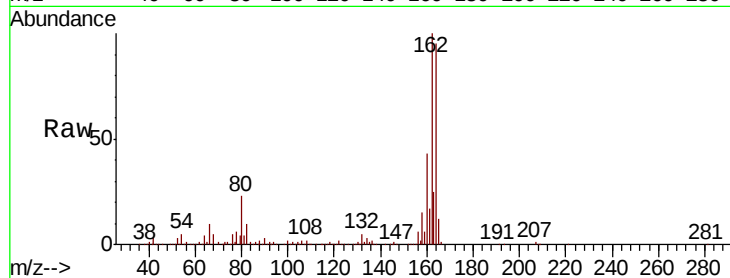
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.4	125.0
160	45.9	36.6	55.0

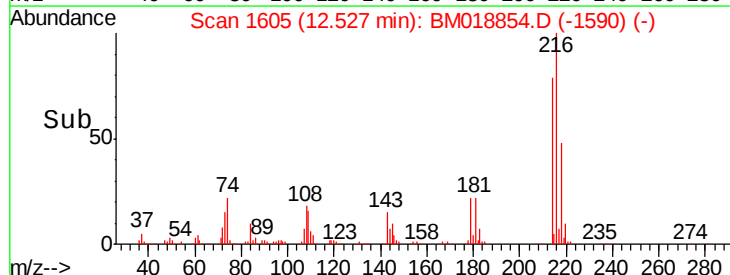
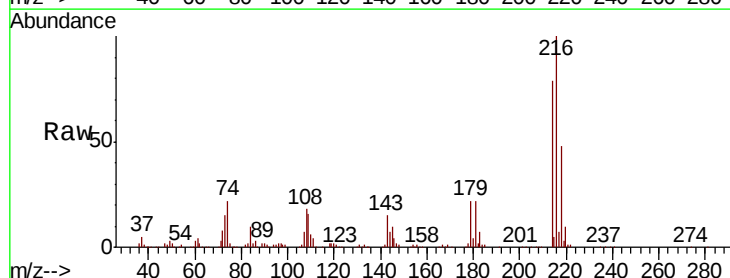
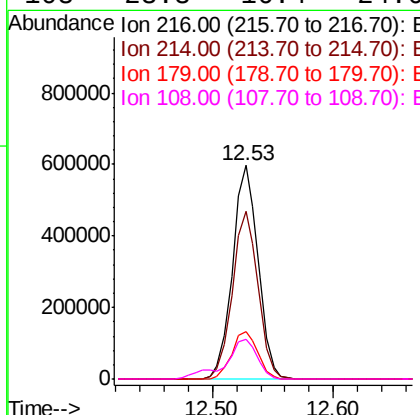
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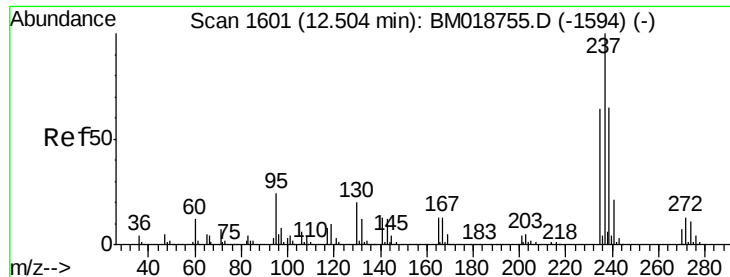
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.252 ng
RT: 12.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	22.7	17.8	26.8
108	23.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 86.893 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

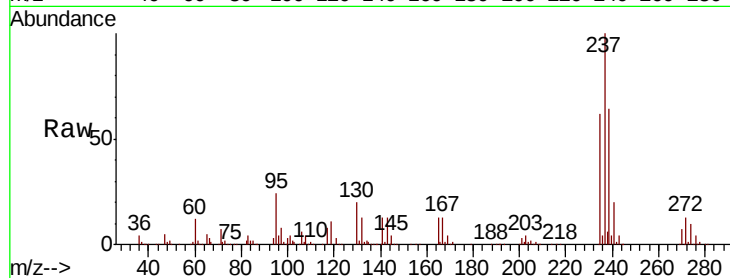
ClientSampleId :

PB117208BS

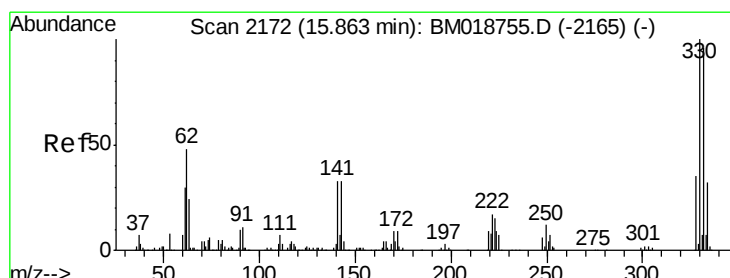
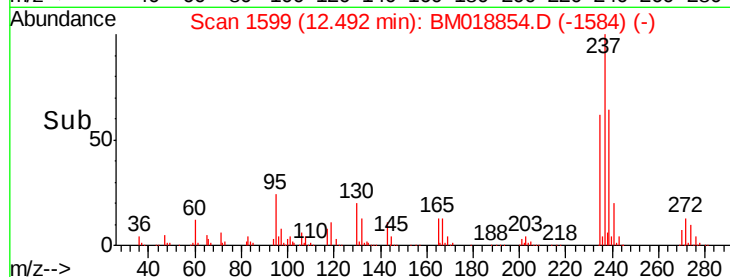
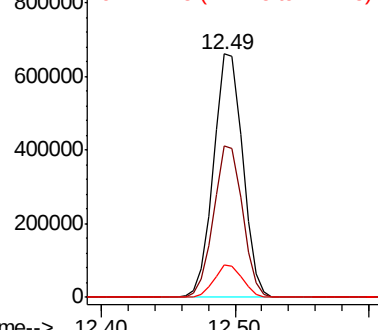
Tot Ion:	237	Resp:	995932
Ion Ratio		Lower	Upper
237	100		
235	62.2	43.7	83.7
272	13.2	0.0	33.3

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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: 145.592 ng

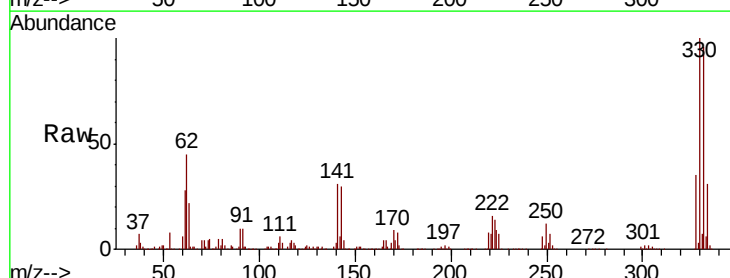
RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

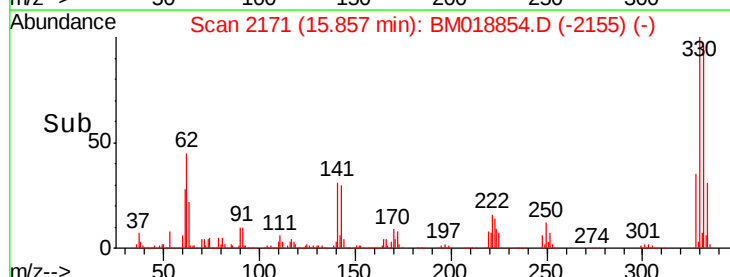
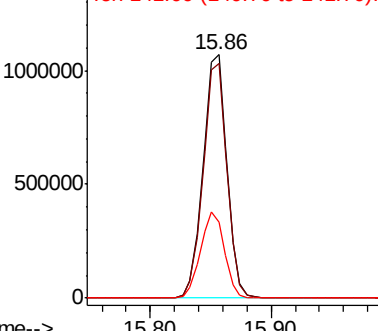
Lab File: BM018854.D

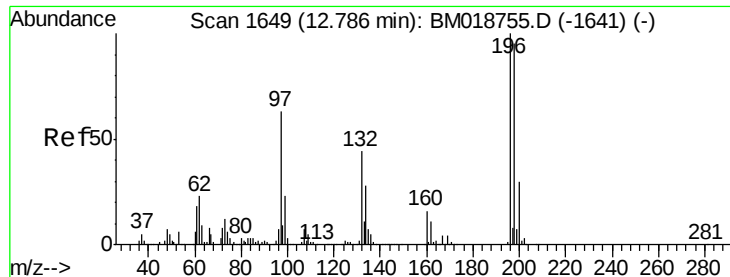
Acq: 19 Feb 2019 13:32

Tgt Ion:	330	Resp:	1470745
Ion Ratio		Lower	Upper
330	100		
332	96.3	76.9	115.3
141	35.7	28.7	43.1



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





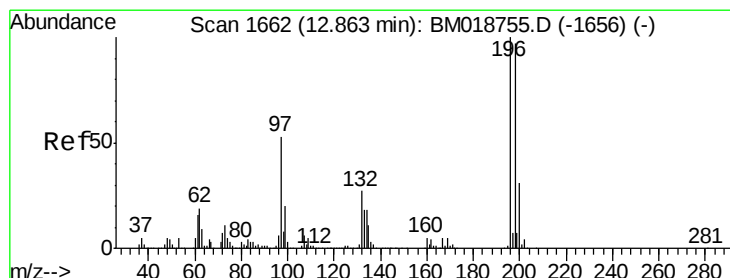
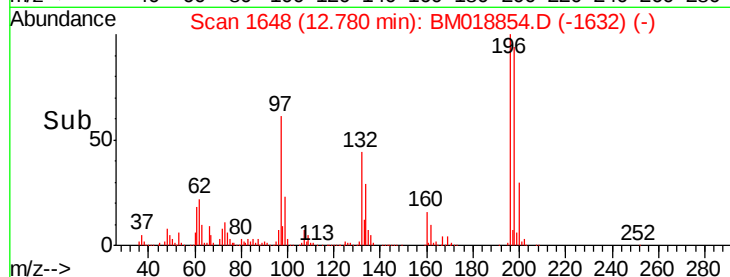
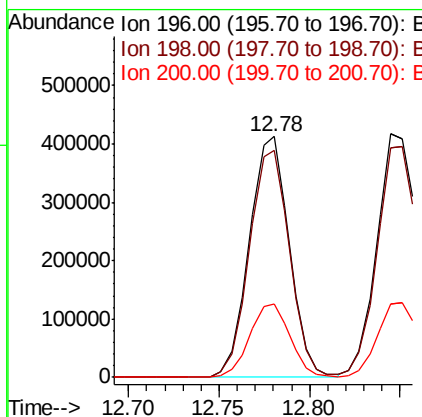
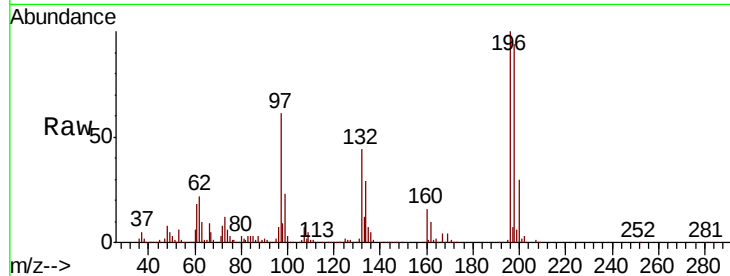
#43
2,4,6-Trichlorophenol
Concen: 42.505 ng
RT: 12.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampled :
PB117208BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	630807		
198	94.4	76.2	114.2	
200	30.4	24.2	36.2	

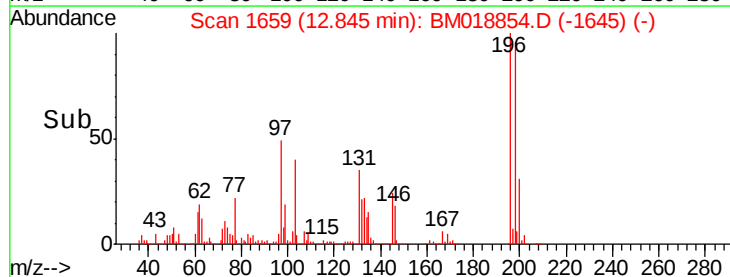
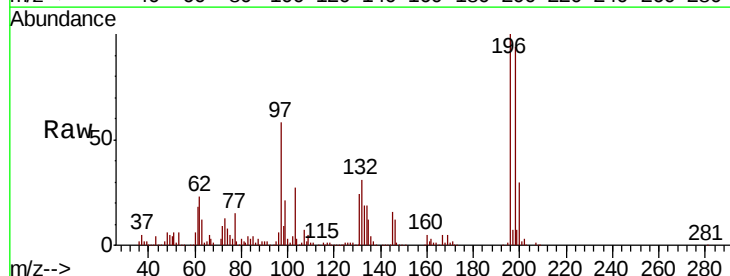
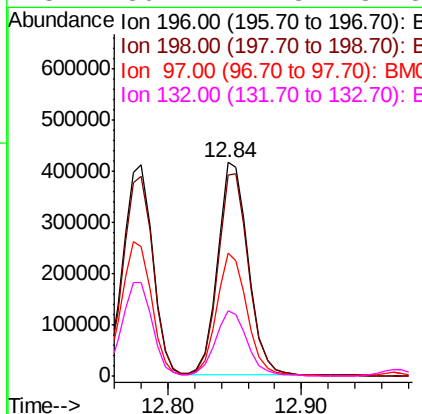
Manual Integrations
APPROVED

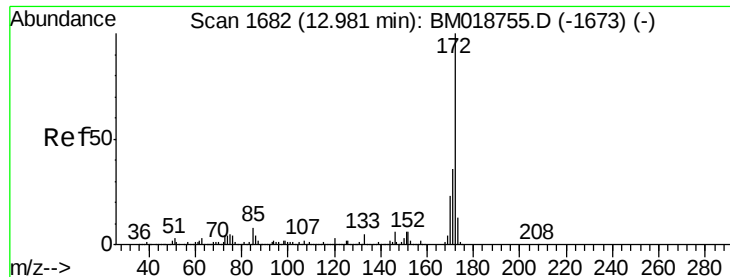
Sohil
2/20/2019 10:18:37 AM



#44
2,4,5-Trichlorophenol
Concen: 42.897 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	667257		
198	94.2	77.6	116.4	
97	57.8	42.8	64.2	
132	30.7	21.8	32.8	





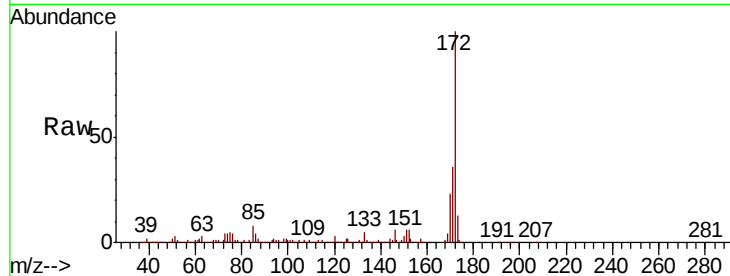
#45
2-Fluorobiphenyl
Concen: 78.494 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.4	18.6	28.0

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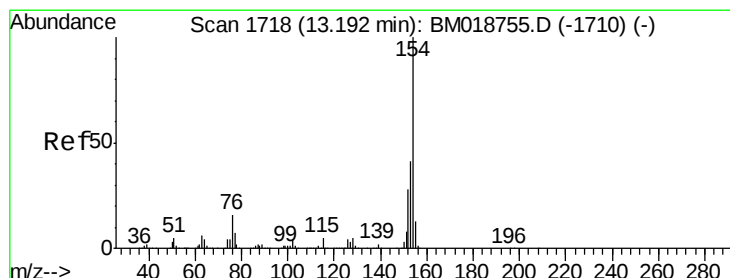
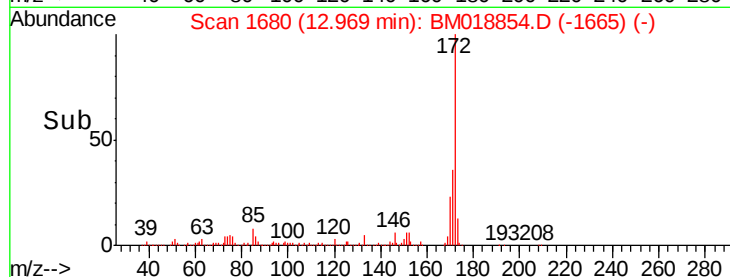
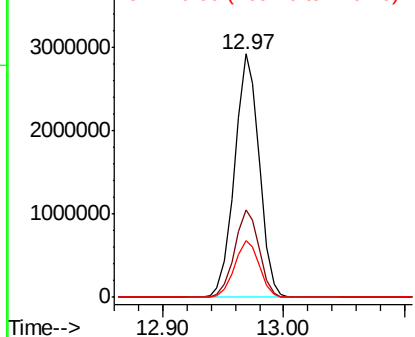


Abundance

Ion 172.00 (171.70 to 172.70): E

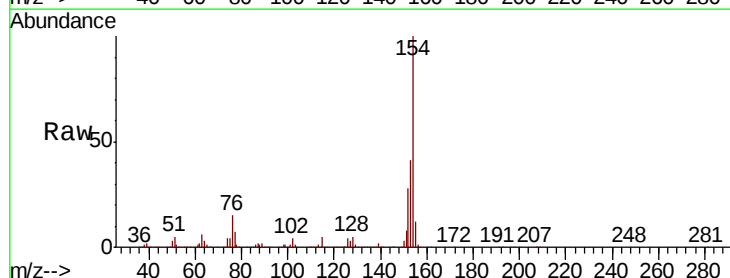
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.852 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	14.9	0.0	35.7

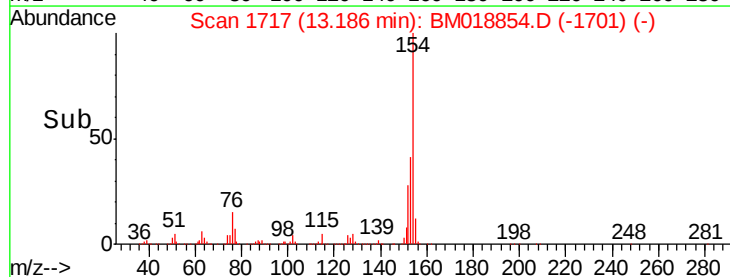
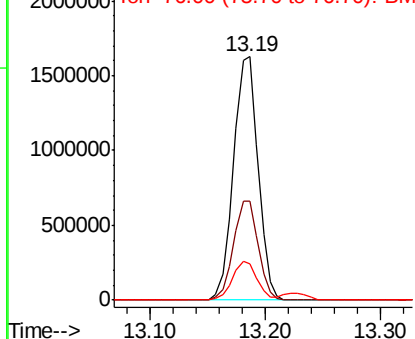


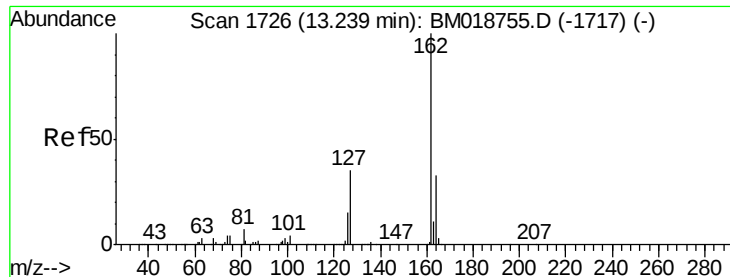
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





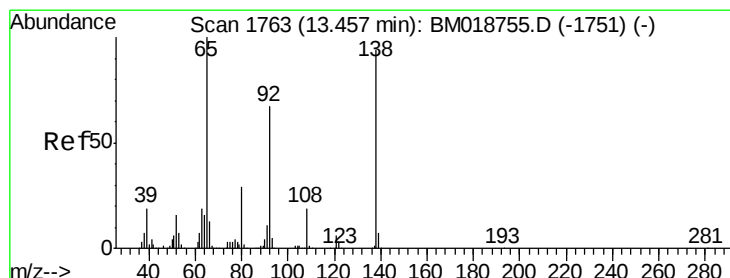
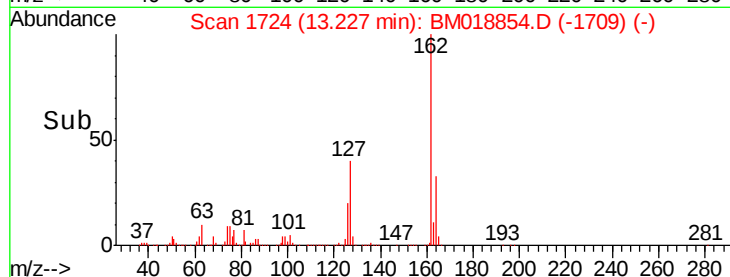
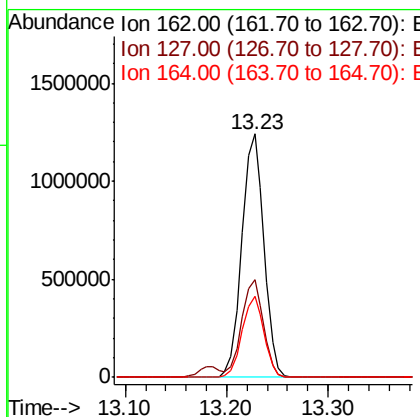
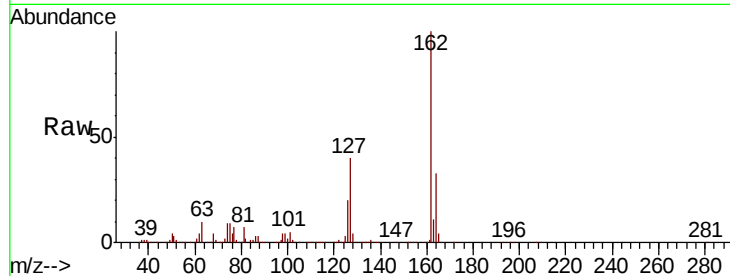
#47
2-Chloronaphthalene
Concen: 40.158 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.1	46.7
164	33.4	26.4	39.6

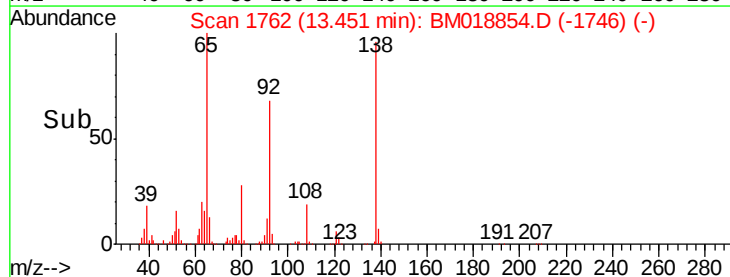
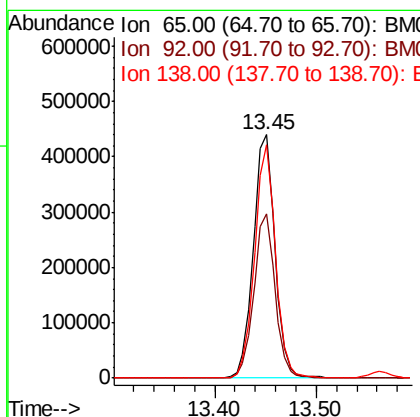
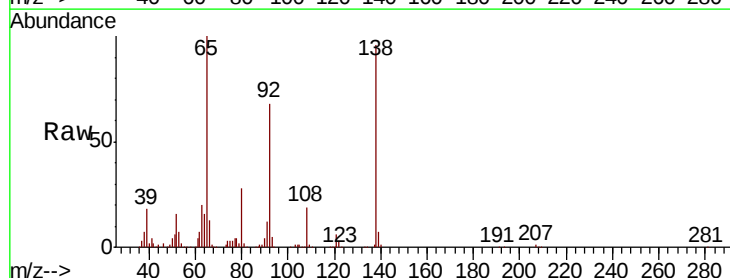
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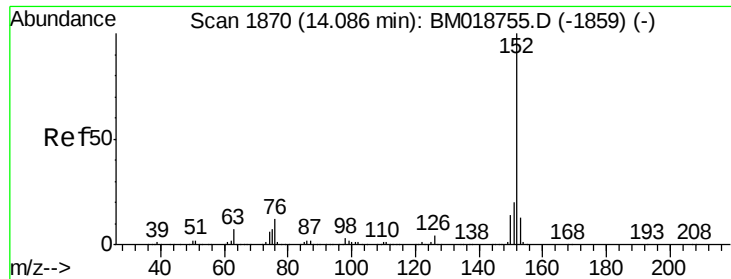
Sohil
2/20/2019 10:18:37 AM



#48
2-Nitroaniline
Concen: 42.239 ng
RT: 13.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.0	81.0
138	96.1	74.9	112.3





#49

Acenaphthylene

Concen: 43.674 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

PB117208BS

Tot Ion:152 Resp: 3030009

Ion Ratio Lower Upper

152 100

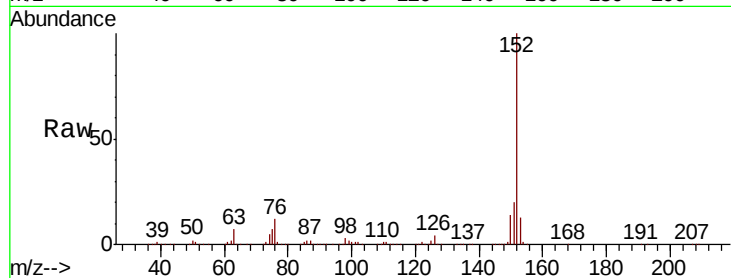
151 20.2 15.8 23.8

153 12.7 10.5 15.7

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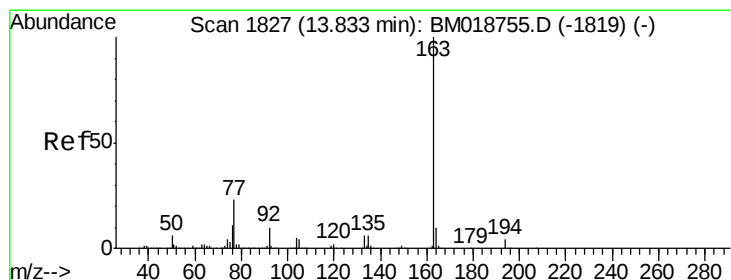
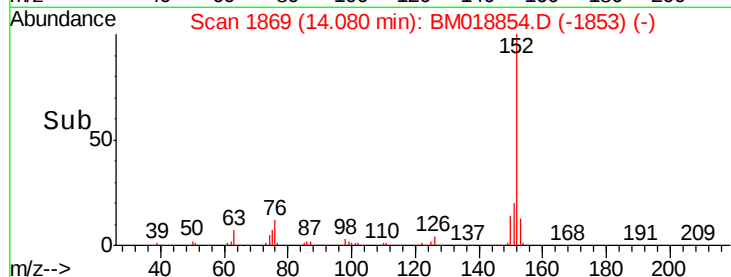
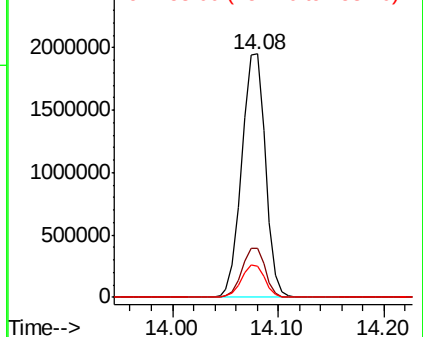


Abundance

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: 40.140 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

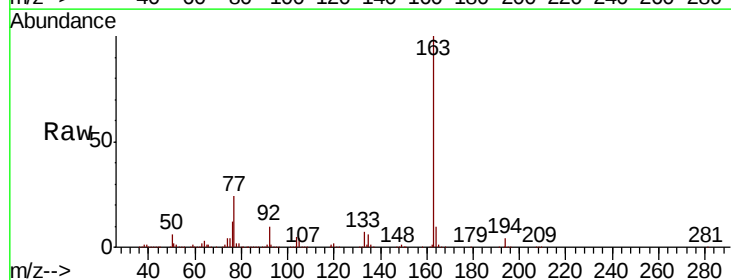
Tgt Ion:163 Resp: 2344356

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 7.8 11.8

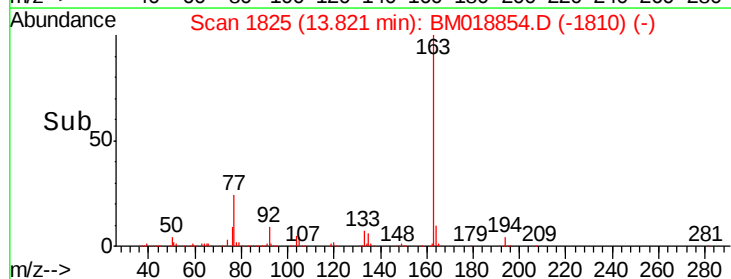
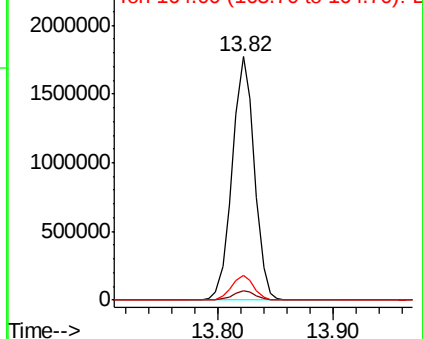


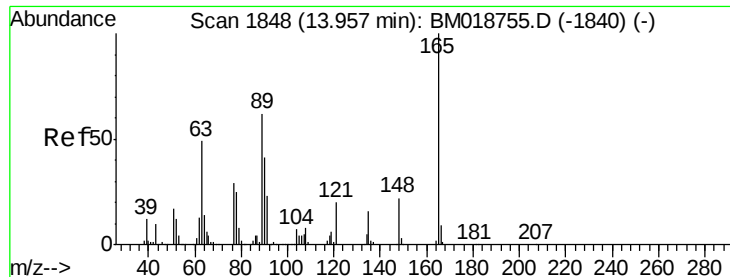
Abundance

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: 41.480 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

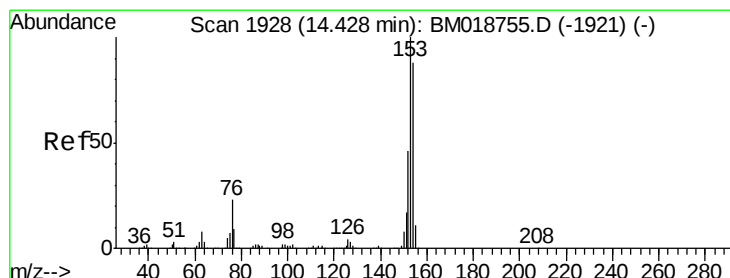
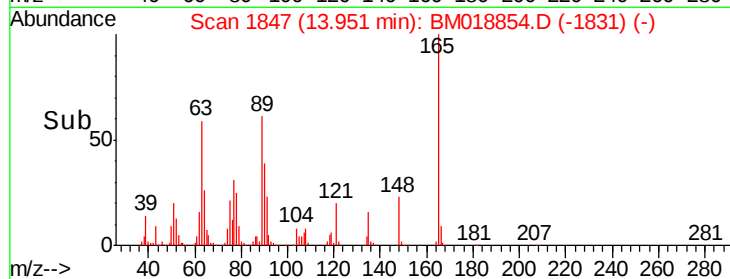
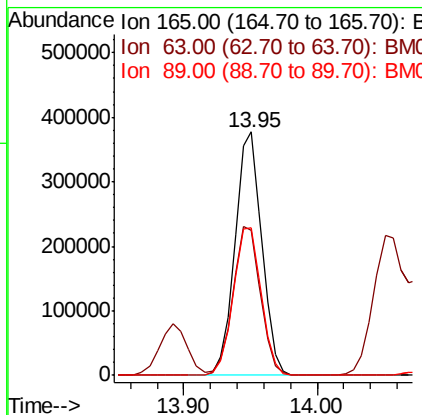
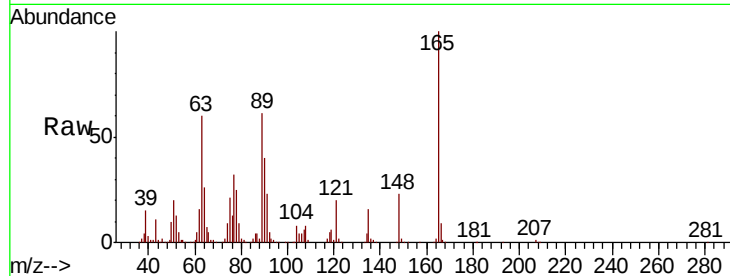
ClientSampleId :

PB117208BS

Tot Ion:	165	Resp:	524789
Ion Ratio	Lower	Upper	
165	100		
63	59.7	48.9	73.3
89	60.6	49.4	74.0

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#52

Acenaphthene

Concen: 40.855 ng

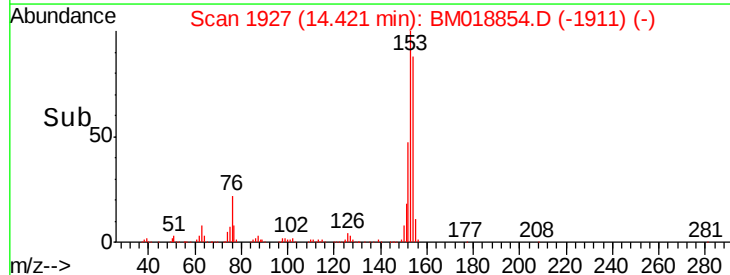
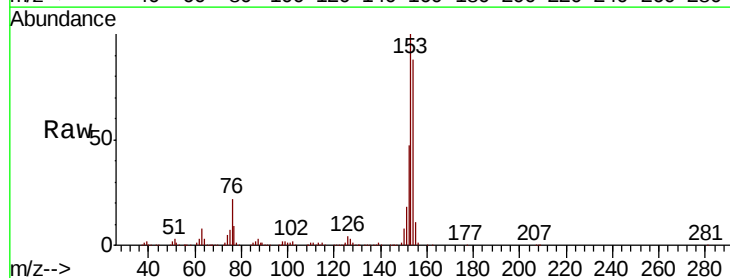
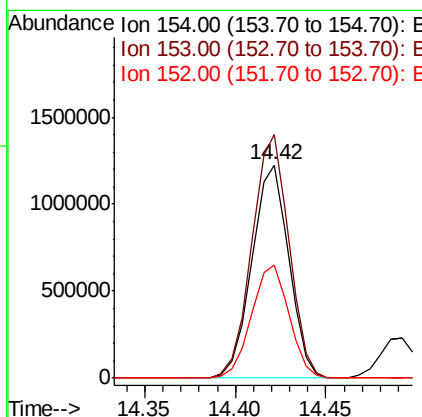
RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	154	Resp:	1738002
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.3	136.9
152	53.3	42.2	63.4





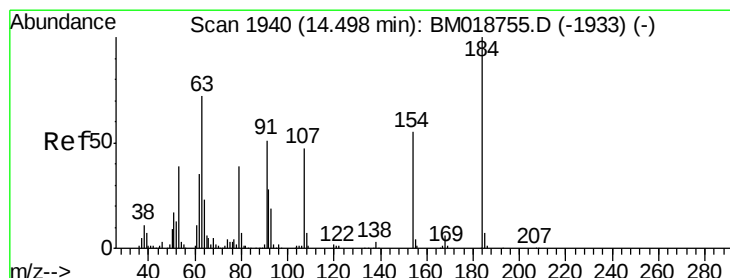
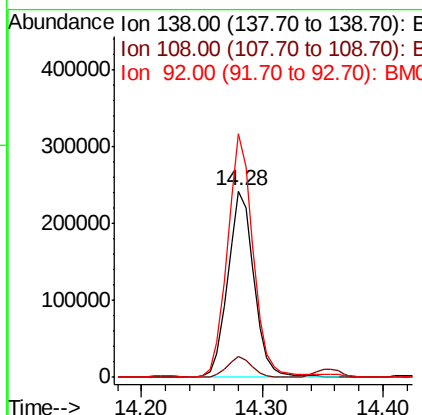
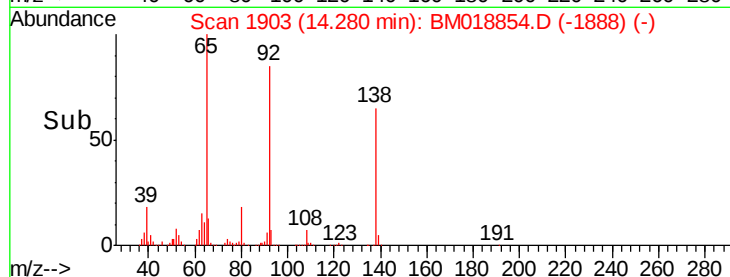
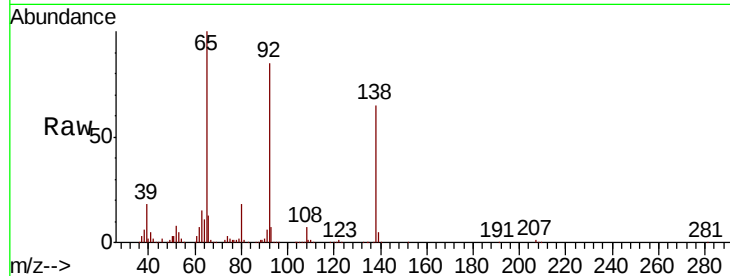
#53
3-Nitroaniline
Concen: 25.536 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	130.6	99.7	149.5

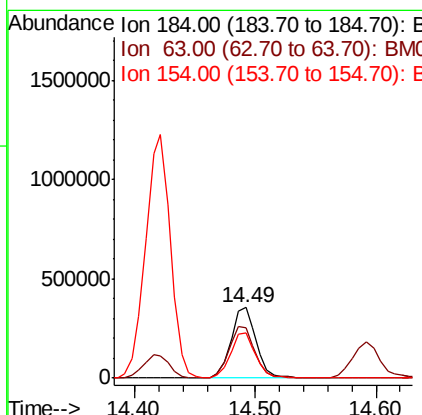
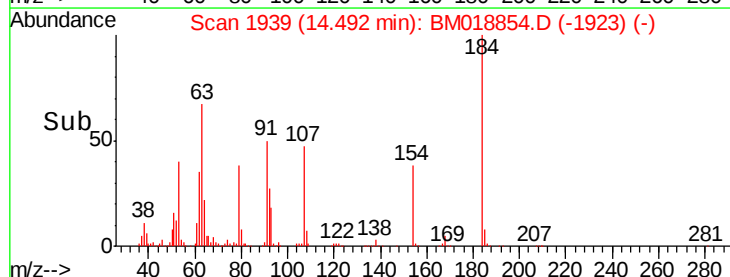
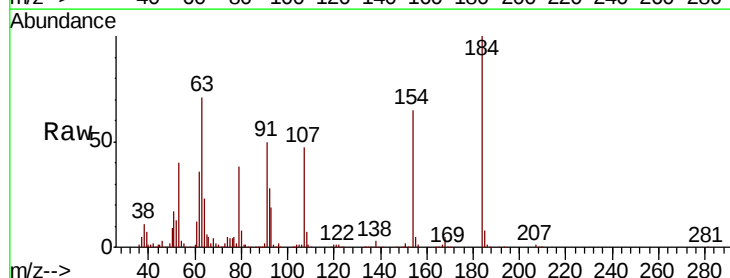
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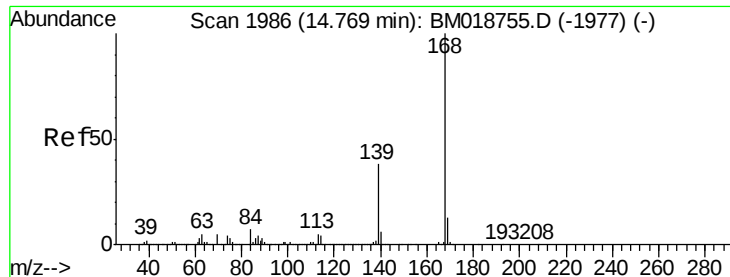
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#54
2,4-Dinitrophenol
Concen: 65.941 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.8	58.0	87.0
154	64.9	50.3	75.5





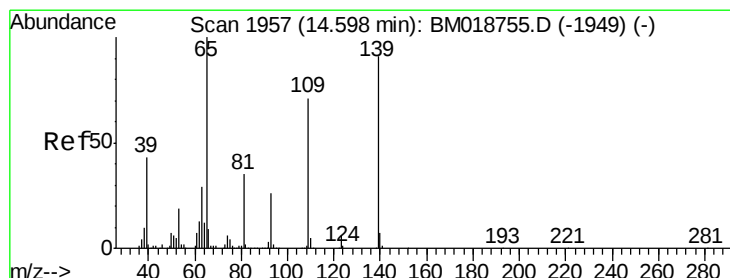
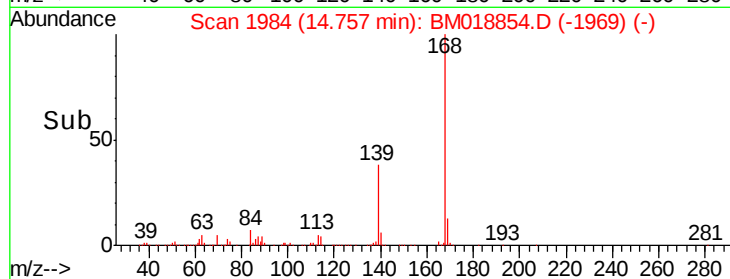
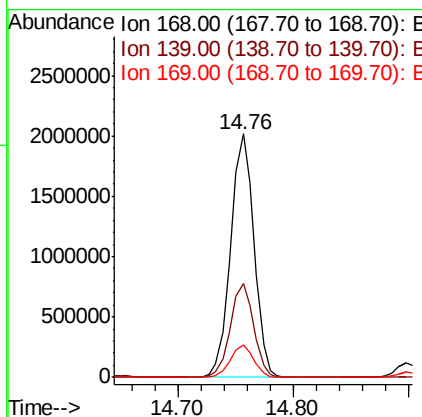
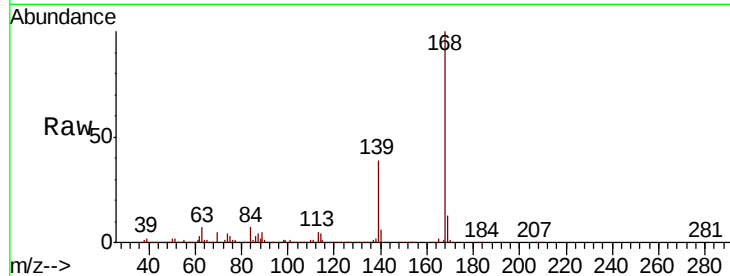
#55
Dibenzofuran
Concen: 40.296 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampled :
PB117208BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.7	46.1
169	13.2	10.3	15.5

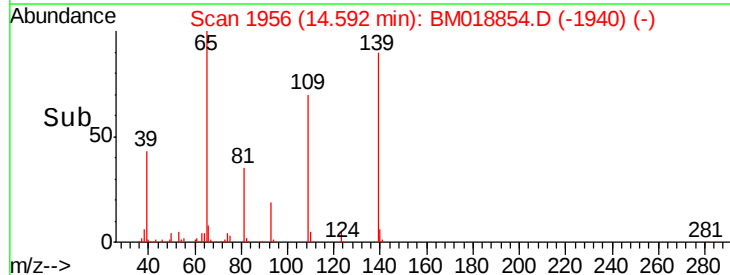
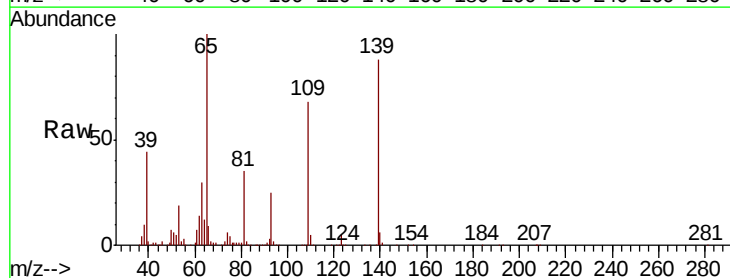
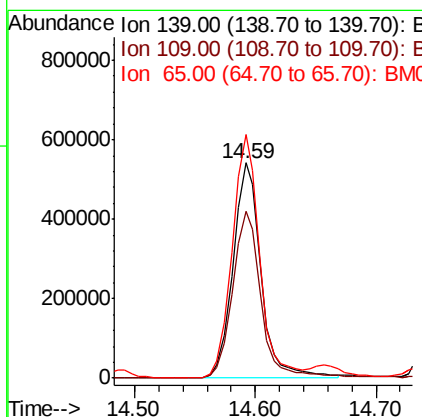
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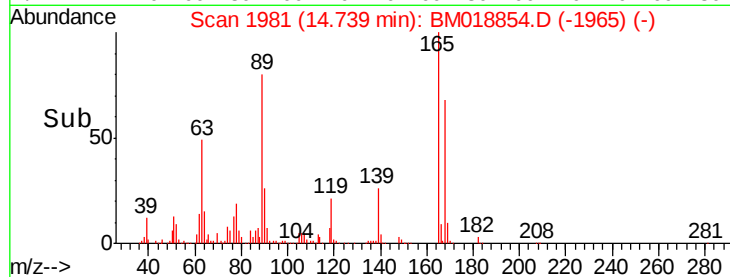
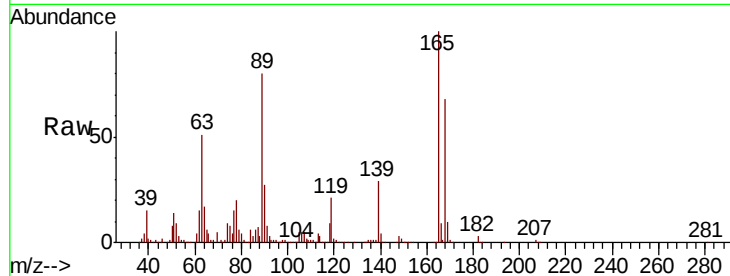
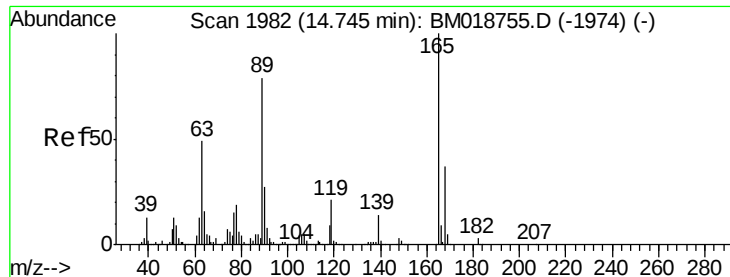
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#56
4-Nitrophenol
Concen: 76.732 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	58.4	98.4
65	113.3	89.8	129.8





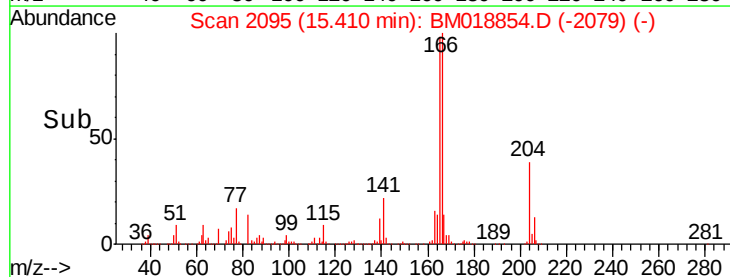
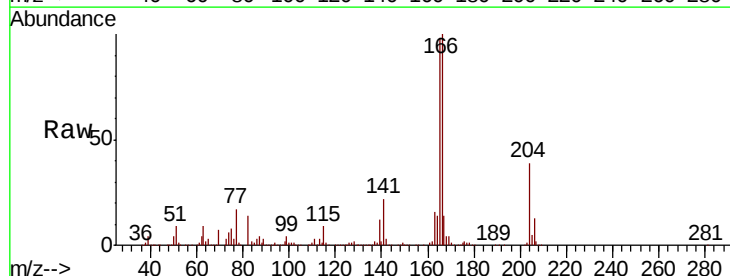
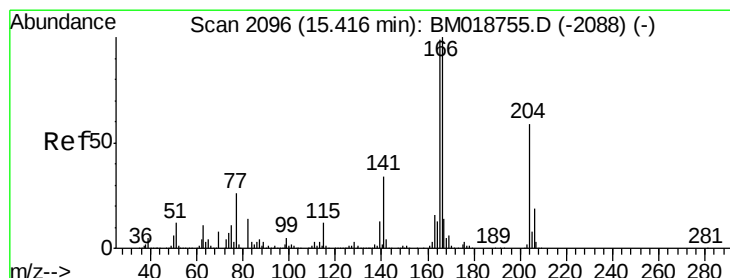
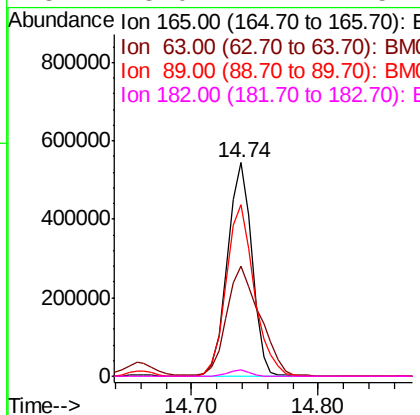
#57
2,4-Dinitrotoluene
Concen: 41.507 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		723538		
63	51.4	39.6	59.4		
89	80.3	63.5	95.3		
182	3.0	2.2	3.4		

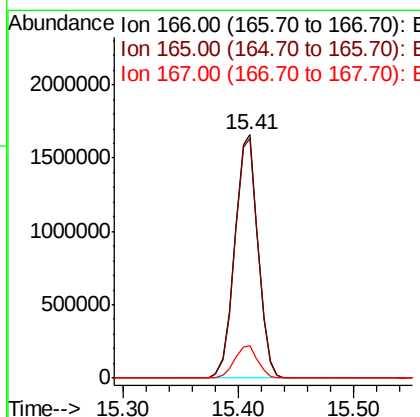
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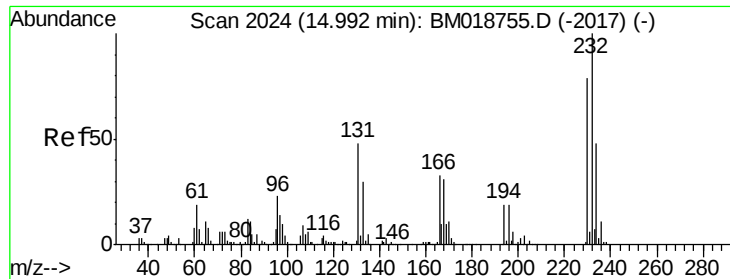
Sohil
2/20/2019 10:18:37 AM



#58
Fluorene
Concen: 42.771 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2287916		
165	98.3	79.1	118.7		
167	13.5	11.0	16.4		





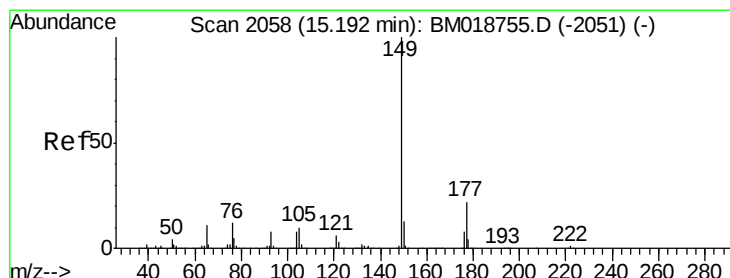
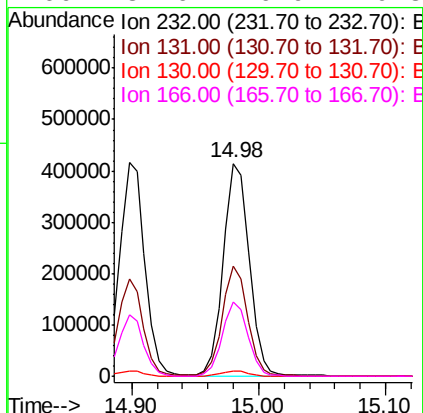
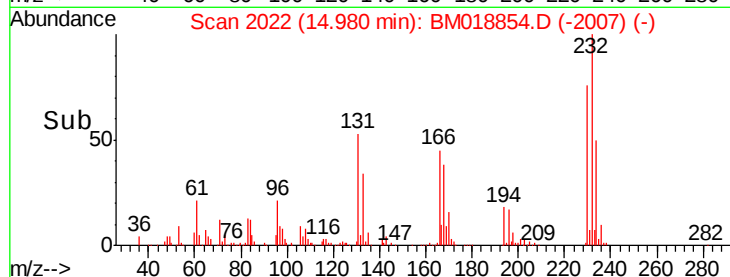
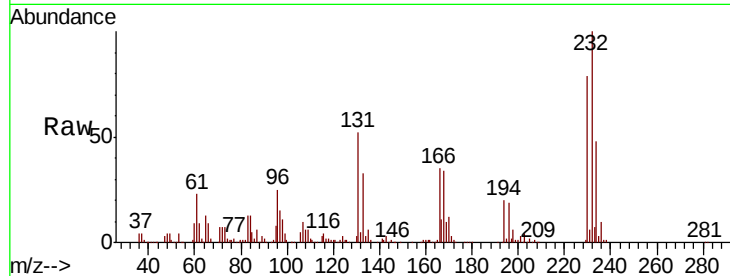
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.532 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Tot Ion:	232	Resp:	584779
Ion Ratio	Lower	Upper	
232	100		
131	50.8	38.6	57.8
130	2.6	2.0	3.0
166	34.6	26.9	40.3

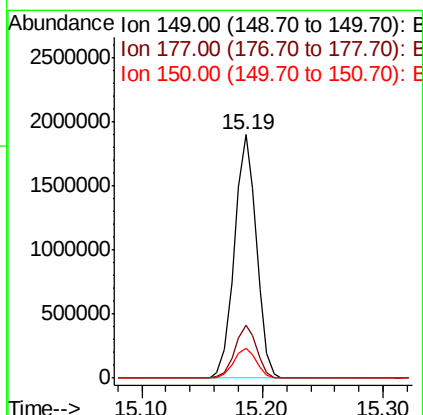
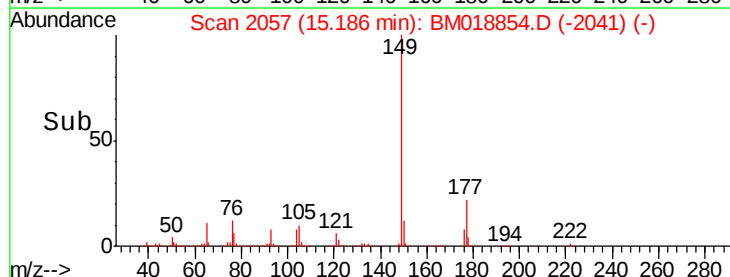
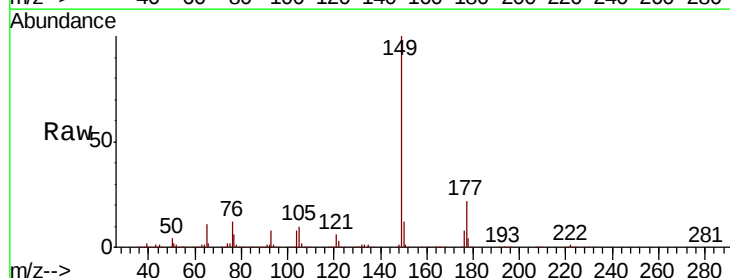
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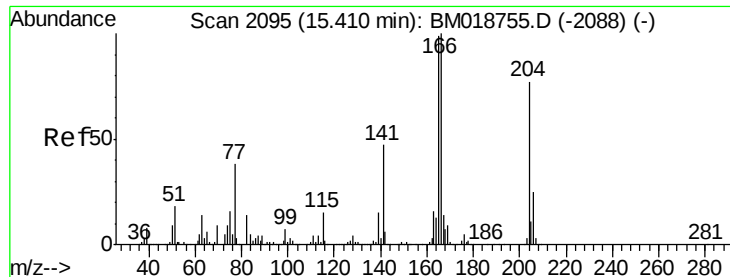
Sohil
 2/20/2019 10:18:37 AM



#60
 Diethylphthalate
 Concen: 39.974 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:	149	Resp:	2408289
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.2	25.8
150	12.4	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 37.682 ng

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

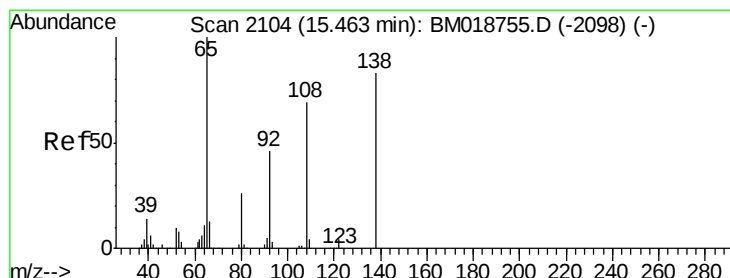
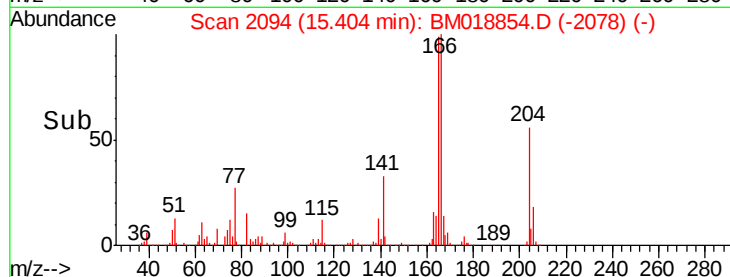
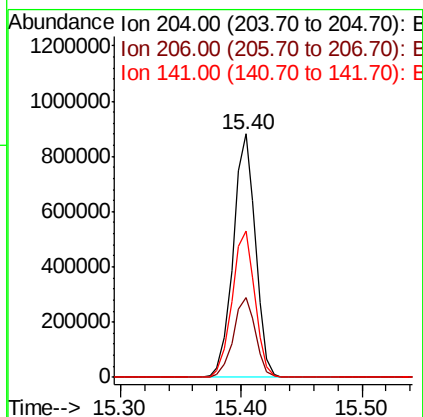
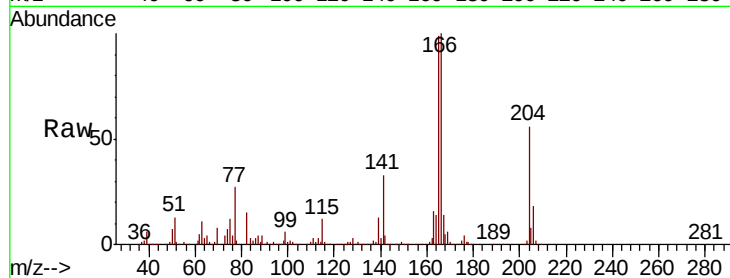
ClientSampleID :

PB117208BS

Tot Ion:	204	Resp:	1130177
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	60.2	49.2	73.8

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#62

4-Nitroaniline

Concen: 34.879 ng

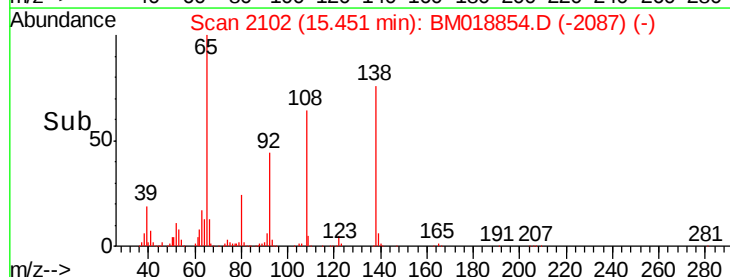
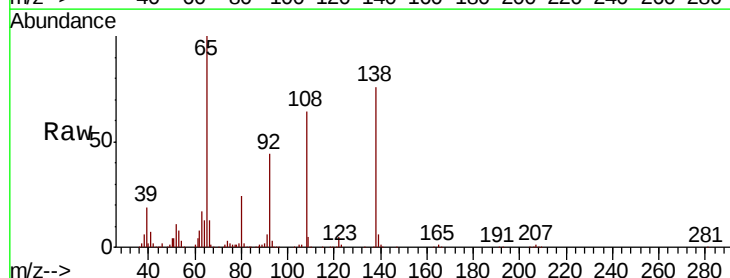
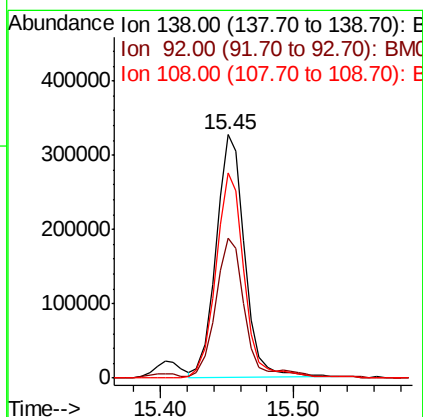
RT: 15.45 min Scan# 2102

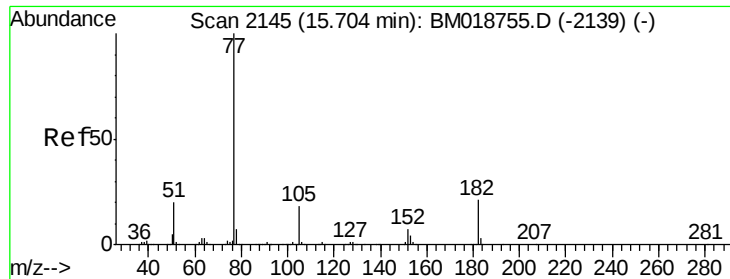
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	138	Resp:	488812
Ion	Ratio	Lower	Upper
138	100		
92	57.7	35.5	75.5
108	84.0	62.4	102.4





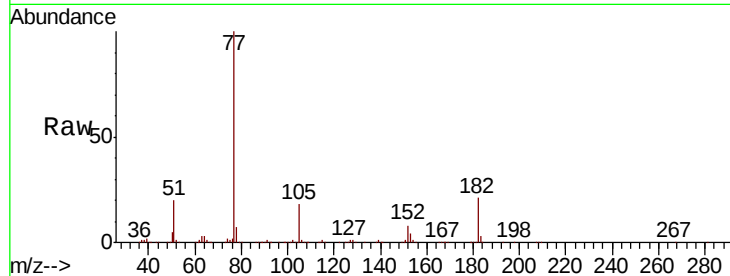
#63
Azobenzene
Concen: 41.127 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.0	41.0
105	18.0	0.0	37.7
51	20.4	0.3	40.3

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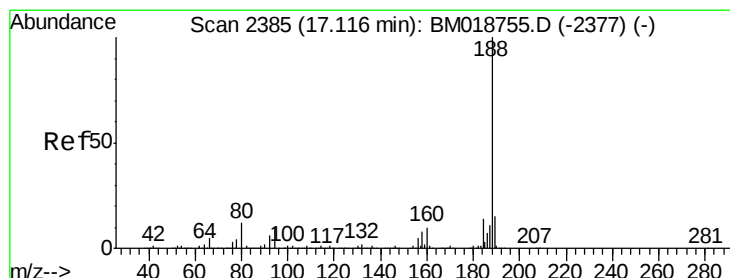
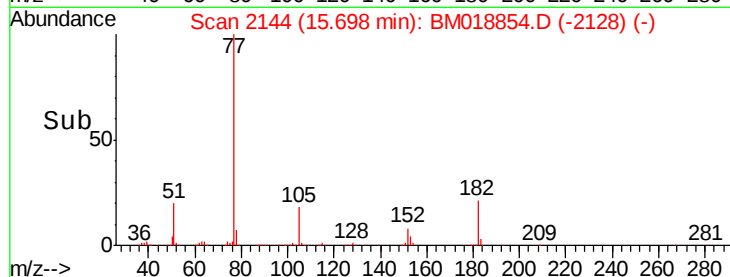
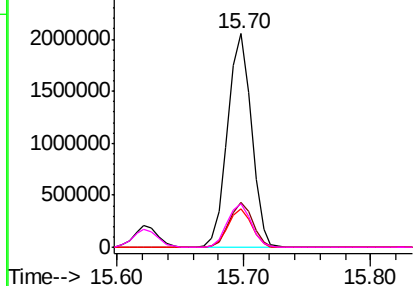
Abundance

Ion 77.00 (76.70 to 77.70): BM018854.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018854.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018854.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018854.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

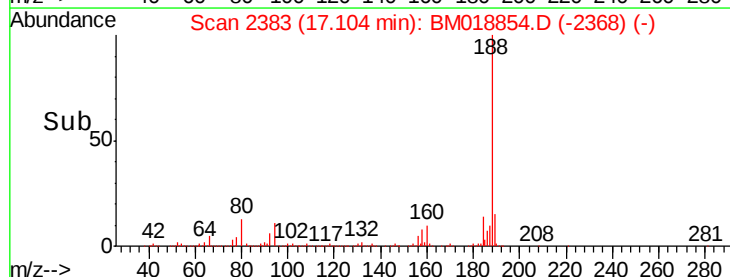
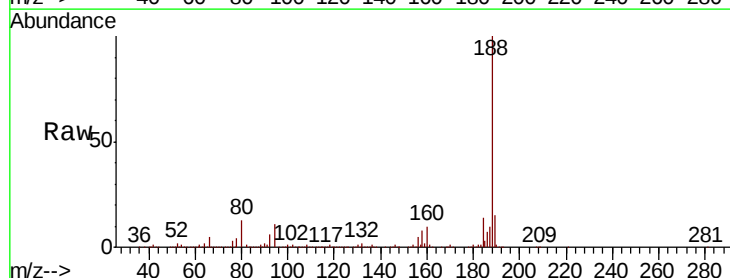
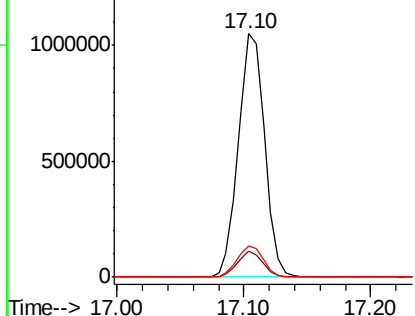
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.8	9.7	14.5

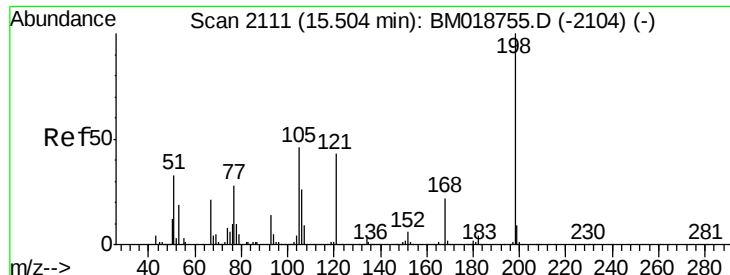
Abundance

Ion 188.00 (187.70 to 188.70): BM018854.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018854.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018854.D (-2368) (-)





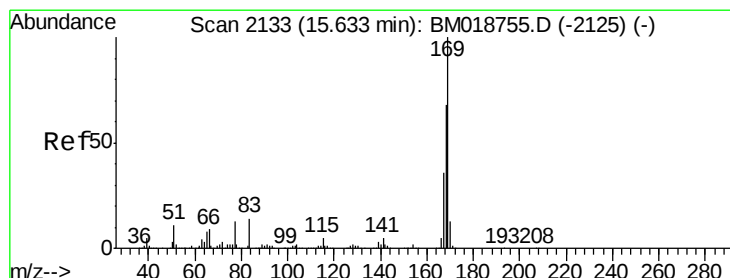
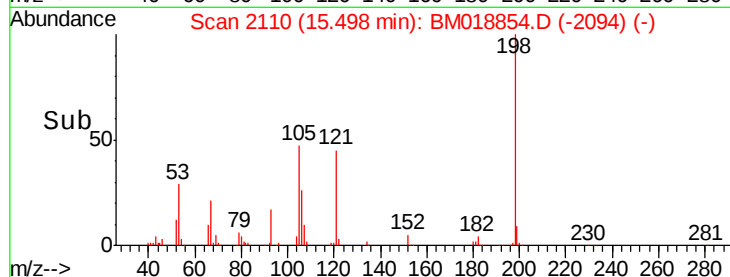
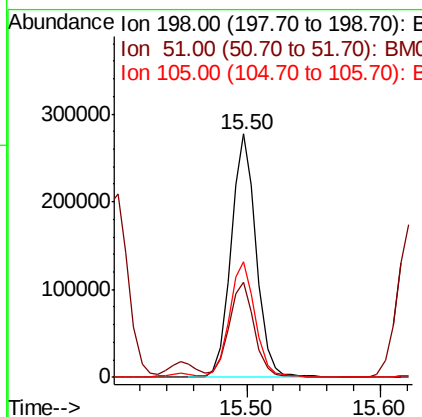
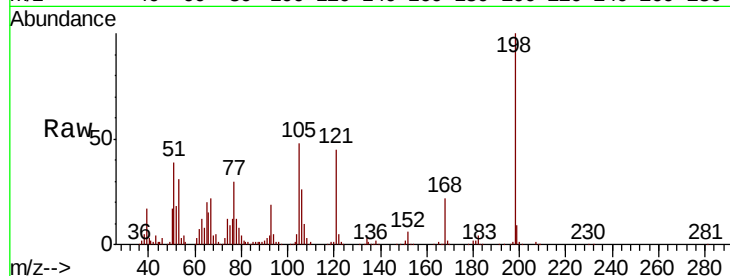
#65
4,6-Dinitro-2-methylphenol
Concen: 34.426 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	363509		
51	38.8		18.4	58.4
105	47.5		27.2	67.2

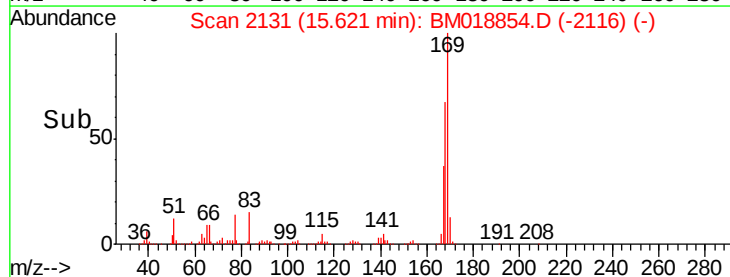
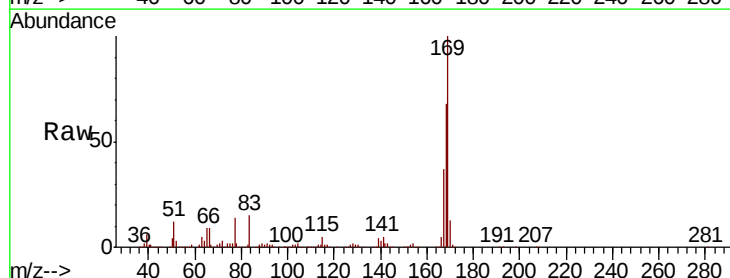
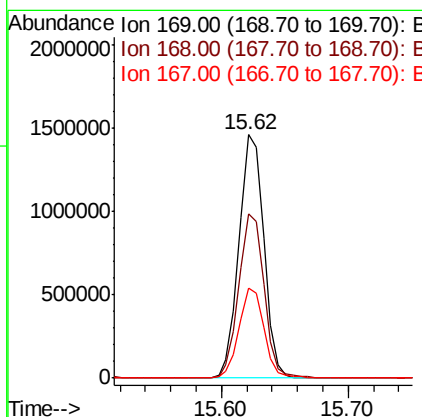
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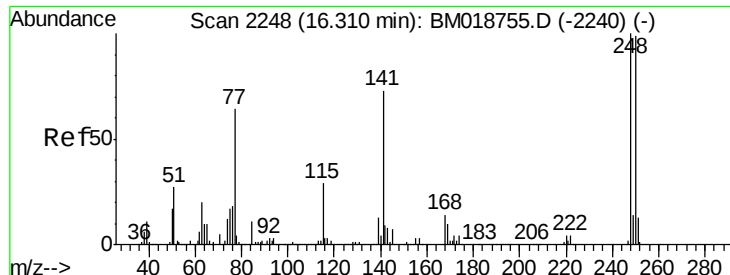
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#66
n-Nitrosodiphenylamine
Concen: 41.721 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1982386		
168	67.6		54.4	81.6
167	36.8		29.0	43.6





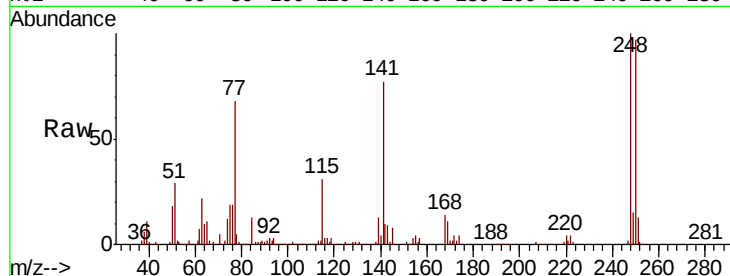
#67
4-Bromophenyl-phenylether
Concen: 39.577 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.0	118.6
141	76.6	58.6	88.0

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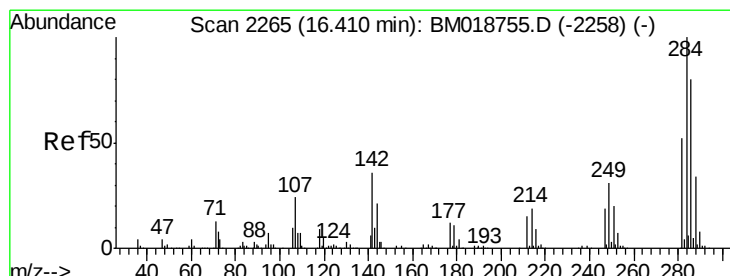
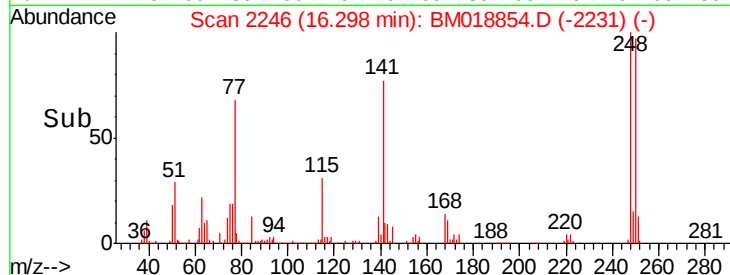
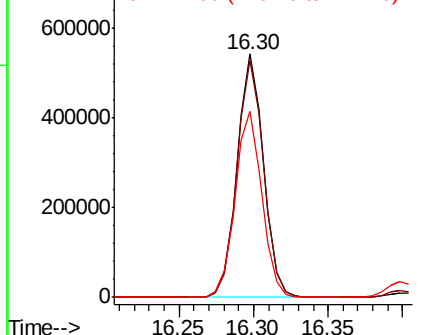


Abundance

Ion 248.00 (247.70 to 248.70): E

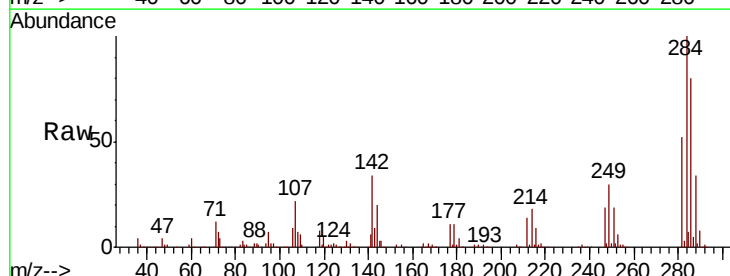
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.249 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	28.9	43.3
249	30.0	24.8	37.2

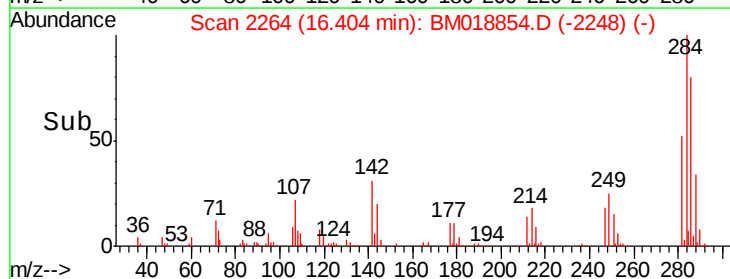
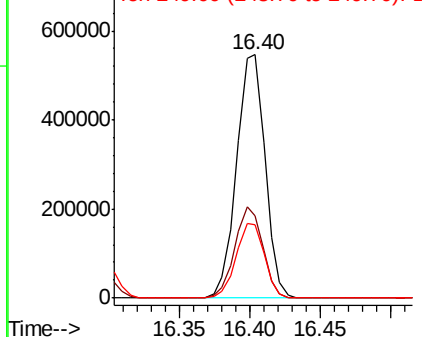


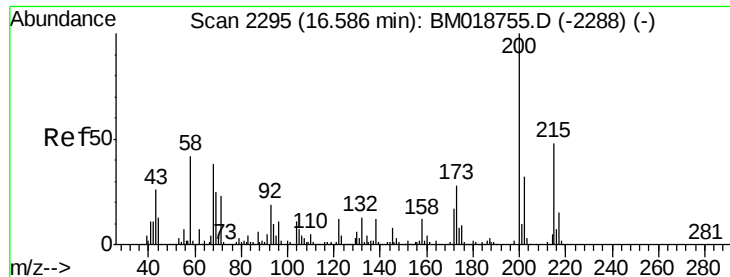
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





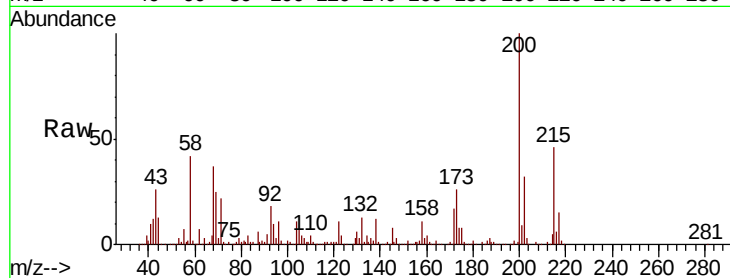
#69
Atrazine
Concen: 43.830 ng
RT: 16.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.6	47.6
215	46.5	27.6	67.6

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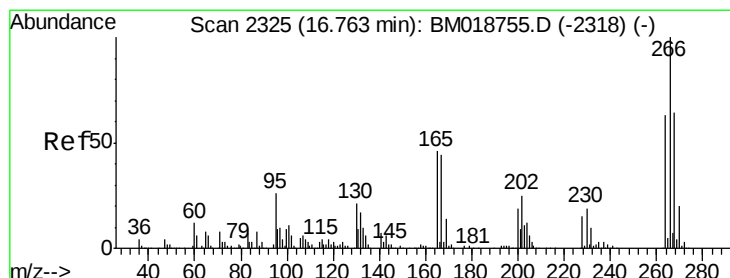
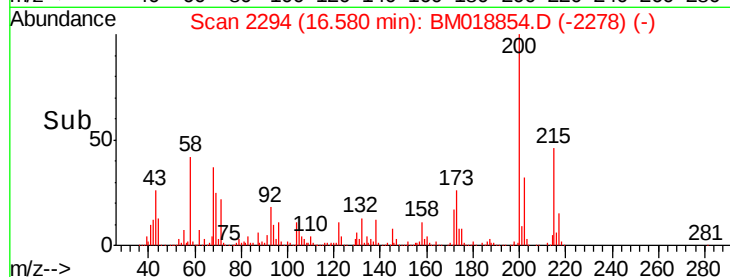
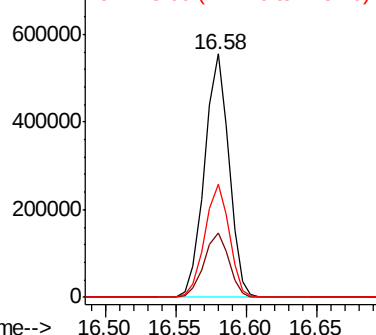


Abundance

Ion 200.00 (199.70 to 200.70): E

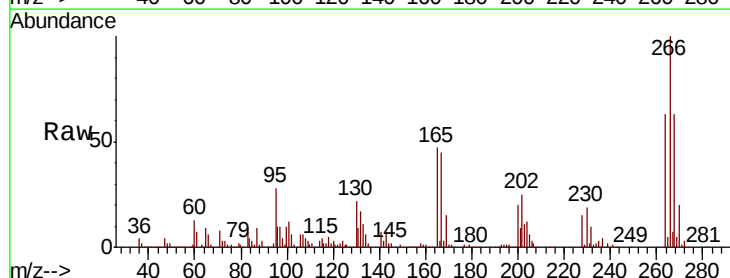
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.290 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.2	50.6	75.8

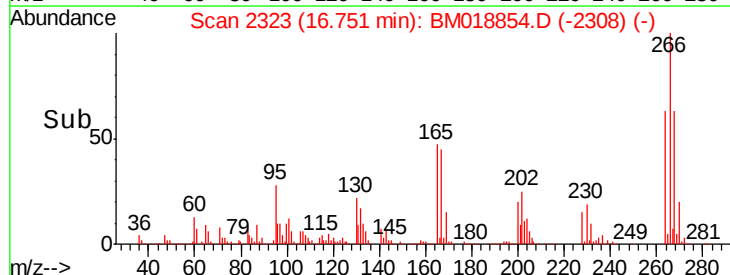
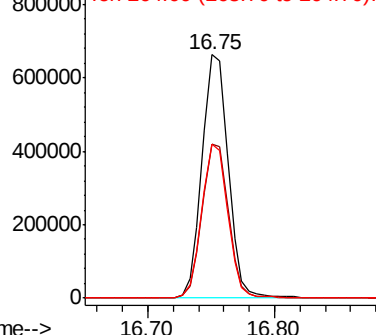


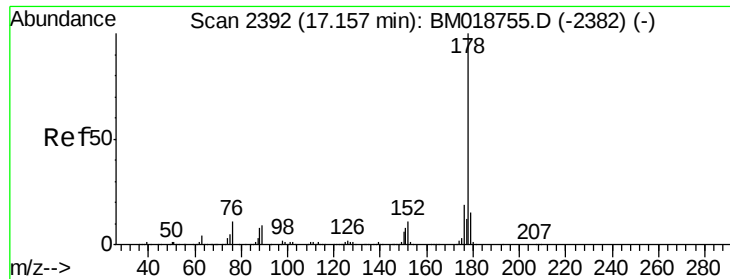
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





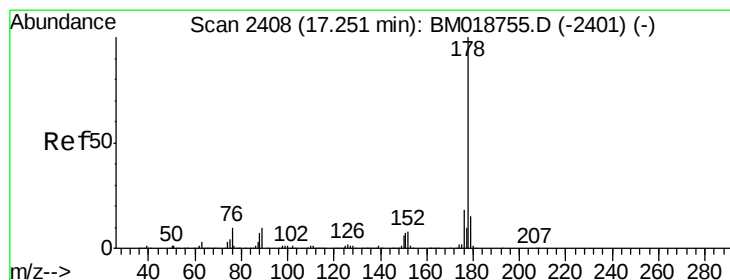
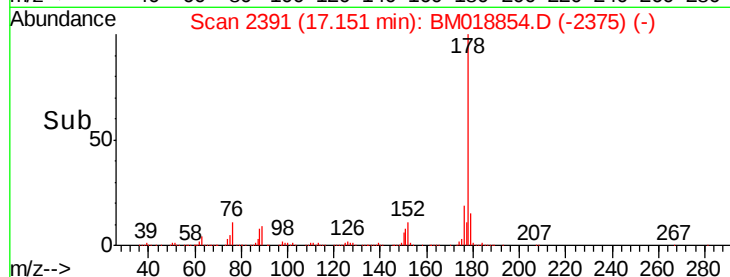
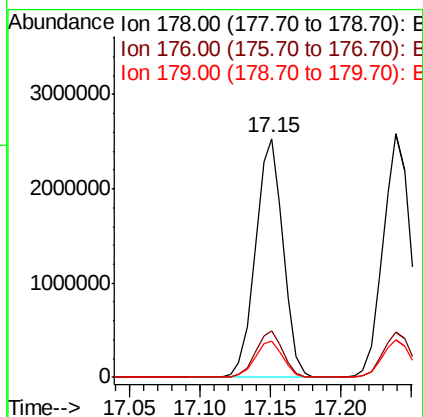
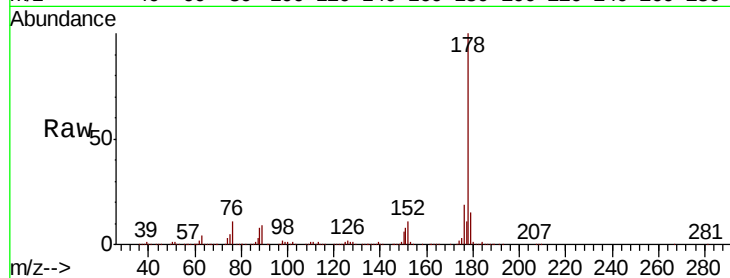
#71
Phenanthrene
Concen: 42.976 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion:178 Resp: 3473428
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.3 18.5

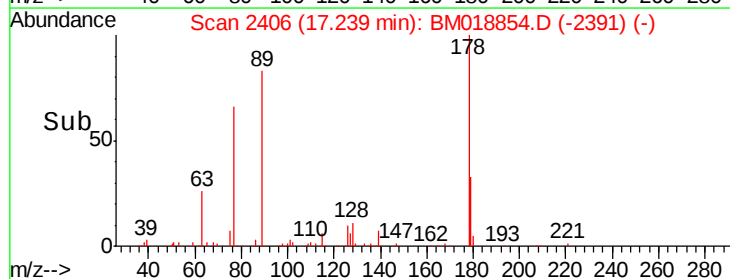
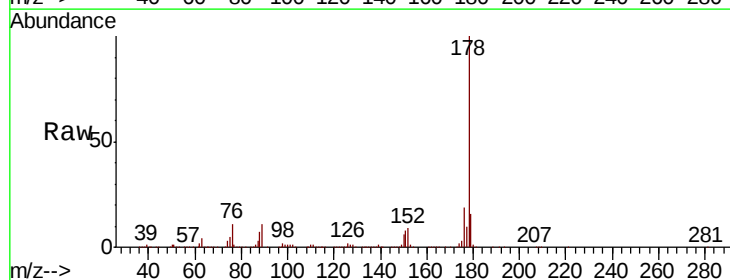
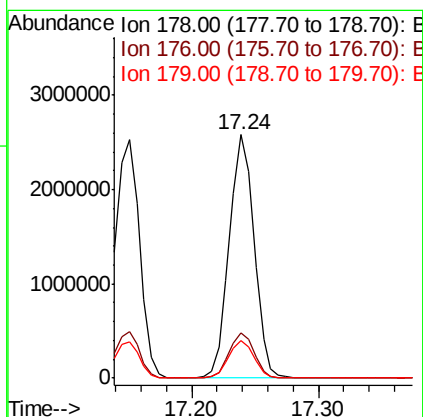
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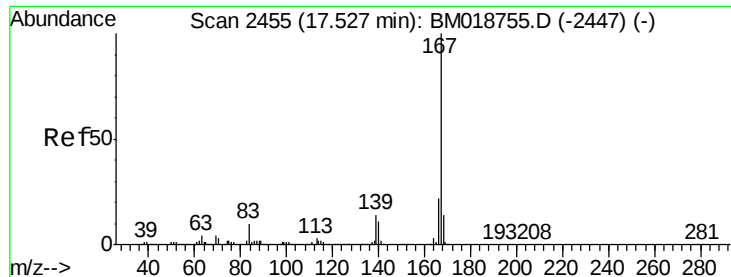
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#72
Anthracene
Concen: 44.528 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:178 Resp: 3502904
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.1 18.1





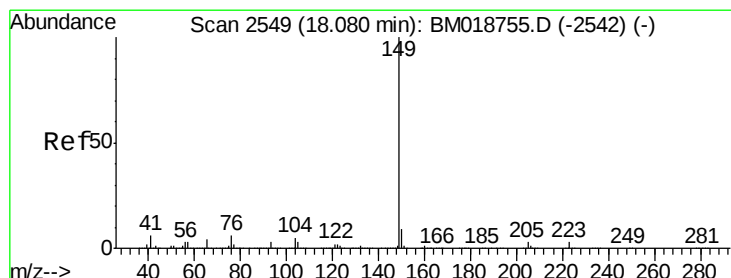
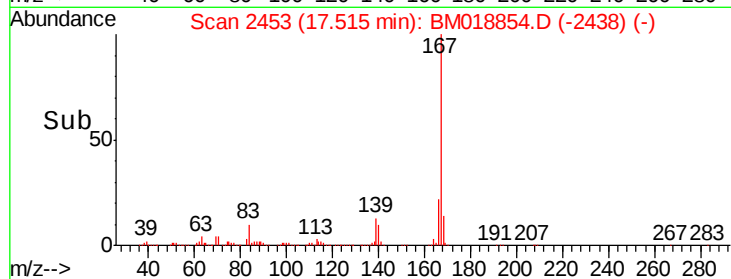
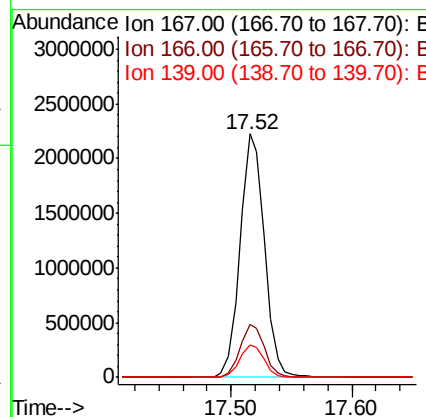
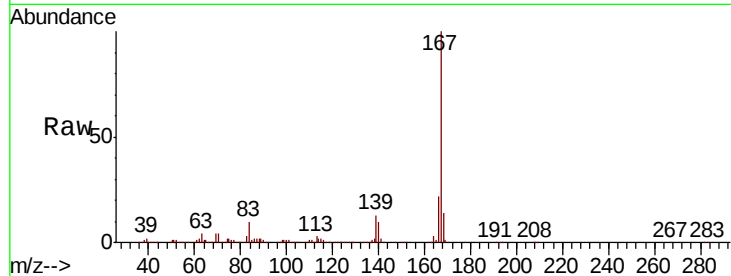
#73
 Carbazole
 Concen: 38.081 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.2	10.9	16.3

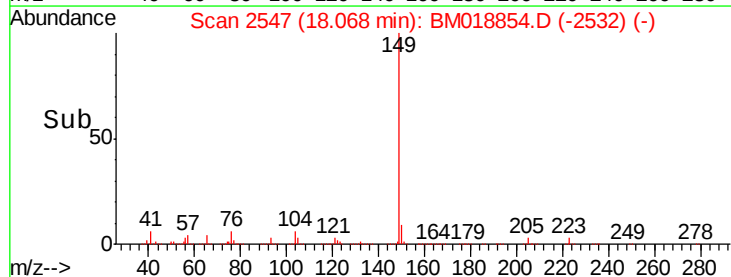
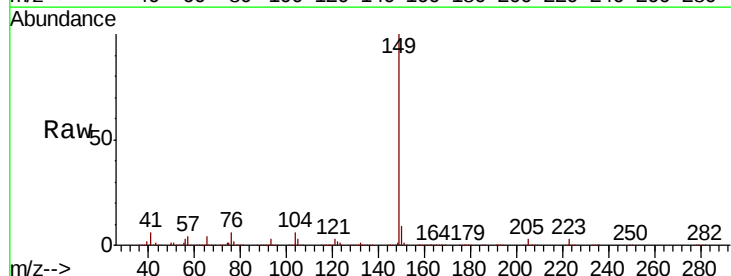
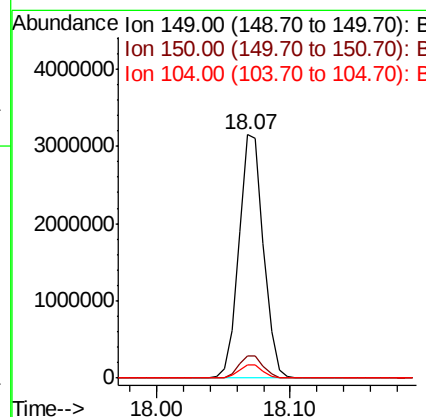
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#74
 Di-n-butylphthalate
 Concen: 42.526 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.5	4.3	6.5





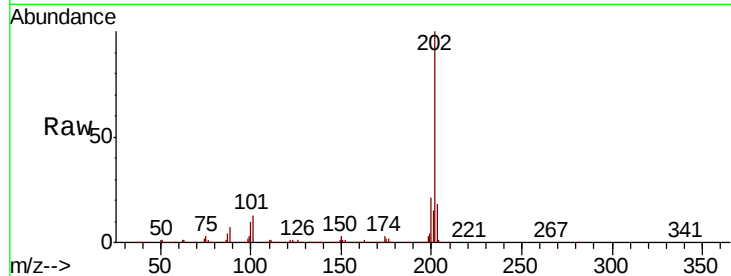
#75
 Fluoranthene
 Concen: 40.443 ng
 RT: 19.17 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	17.5	0.0	37.3

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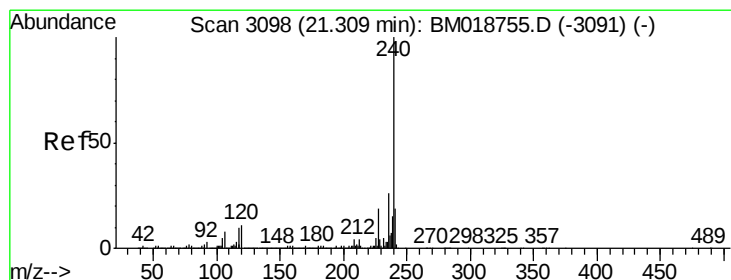
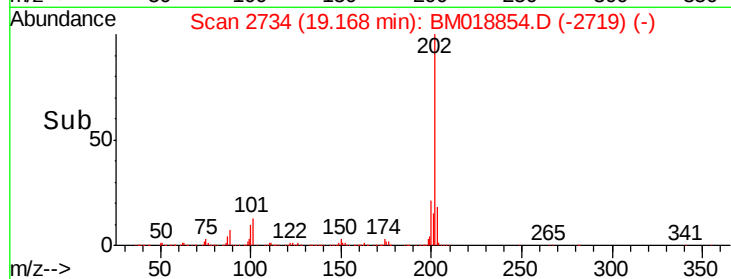
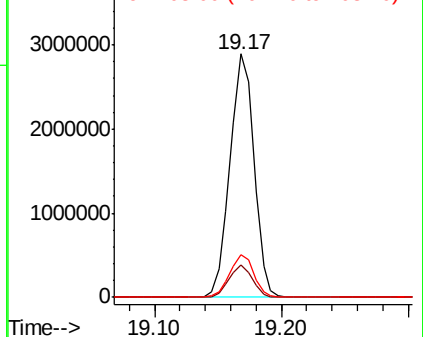


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

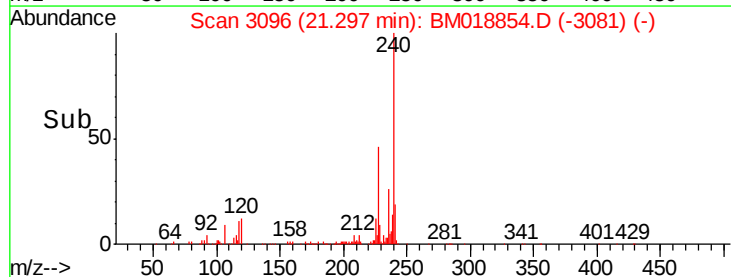
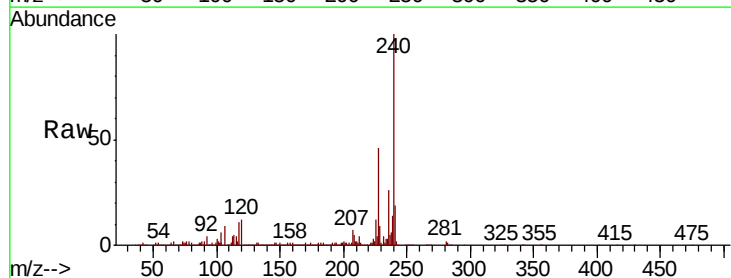
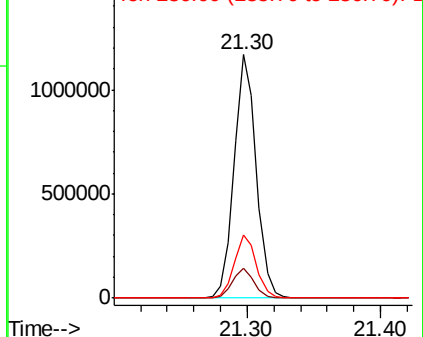
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.0	20.9	31.3

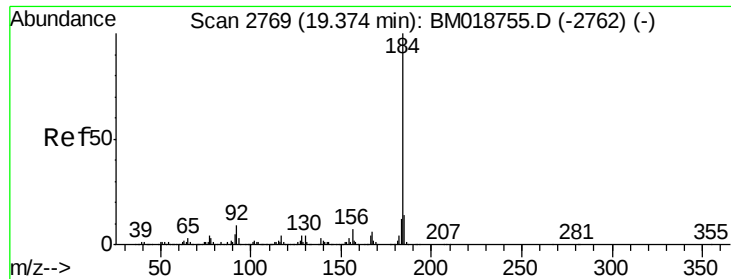
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.382 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampled :

PB117208BS

Tot Ion:184 Resp: 1168882

Ion Ratio Lower Upper

184 100

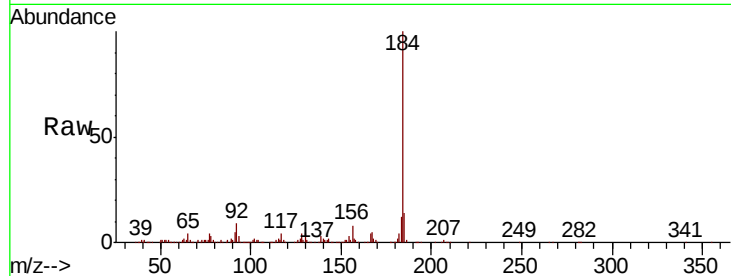
185 13.9 11.2 16.8

183 12.2 9.7 14.5

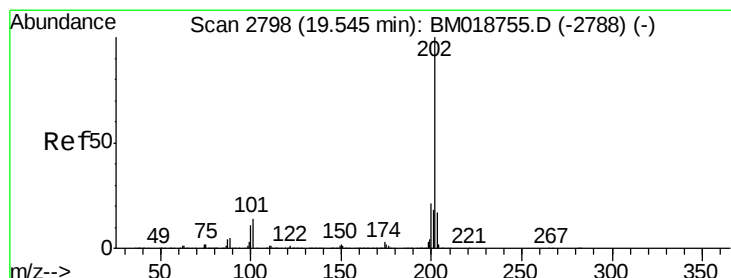
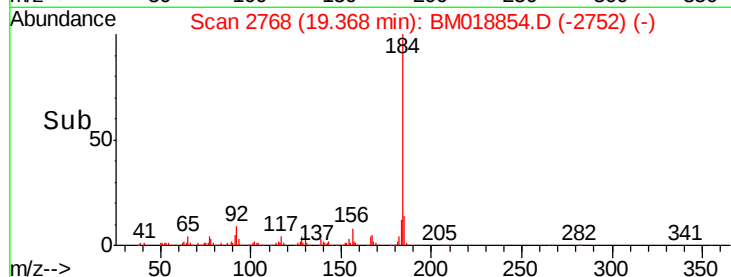
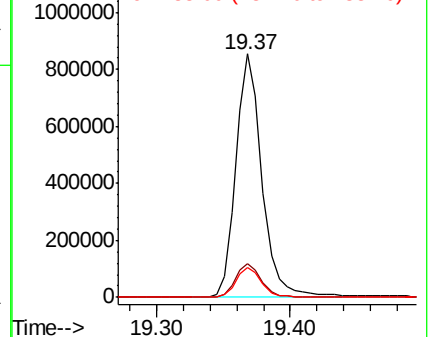
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.142 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

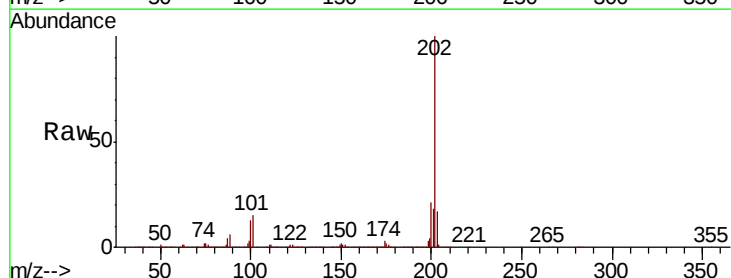
Tgt Ion:202 Resp: 3859415

Ion Ratio Lower Upper

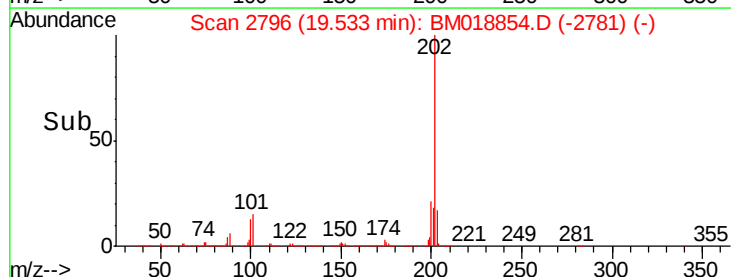
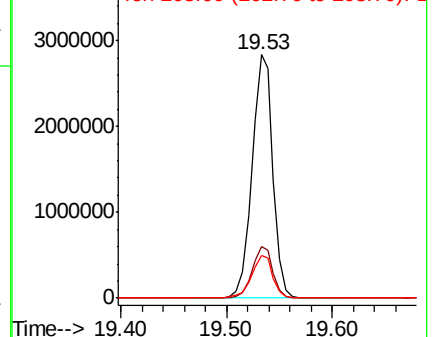
202 100

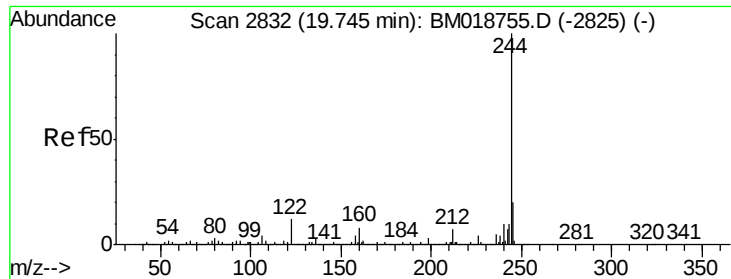
200 21.1 16.9 25.3

203 17.4 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





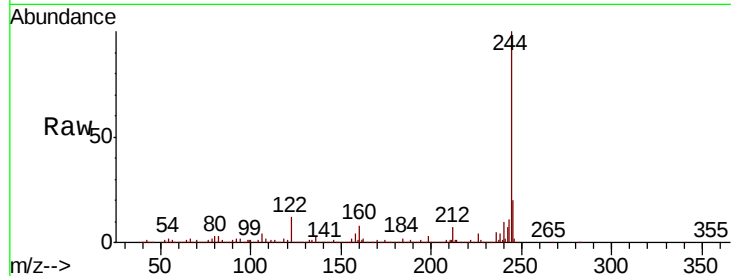
#79
 Terphenyl-d14
 Concen: 99.764 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :
 PB117208BS

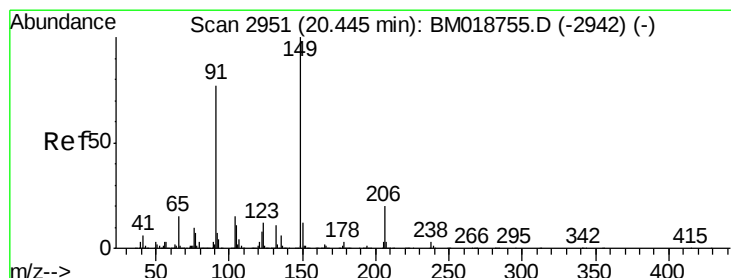
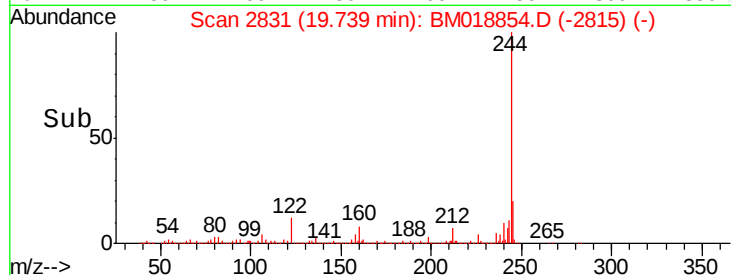
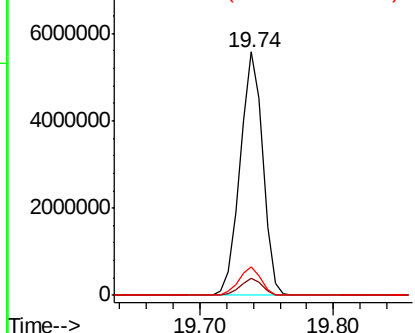
Tot Ion:244 Resp: 6539566
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.6 9.3 13.9

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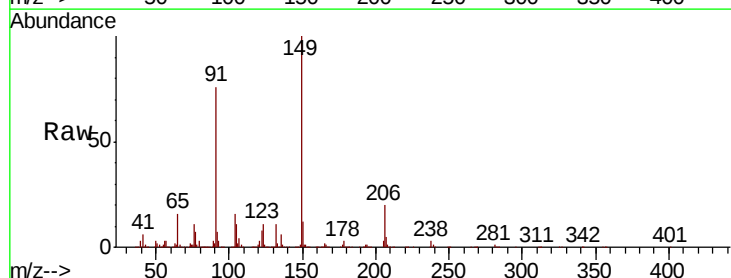


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

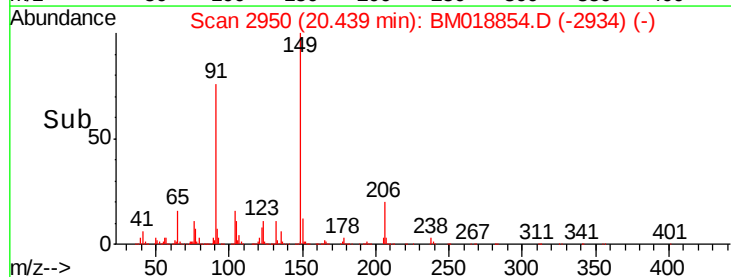
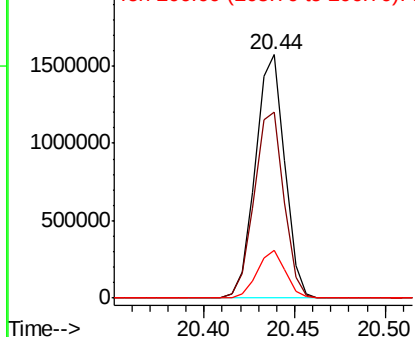


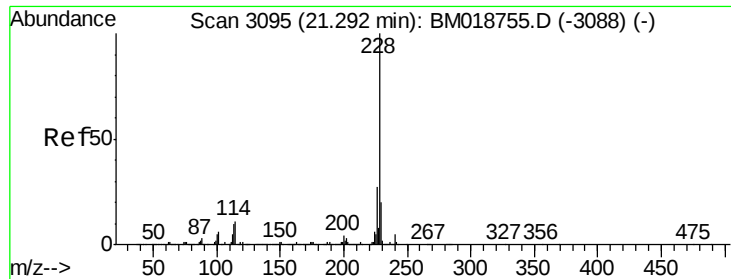
#80
 Butylbenzylphthalate
 Concen: 49.364 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:149 Resp: 1766838
 Ion Ratio Lower Upper
 149 100
 91 76.1 61.4 92.0
 206 19.7 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.720 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

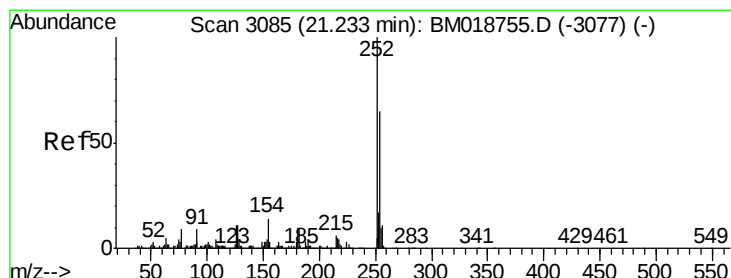
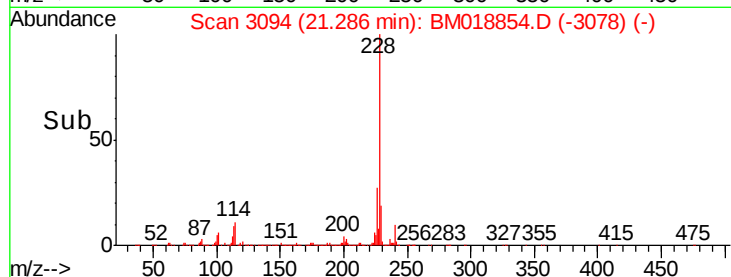
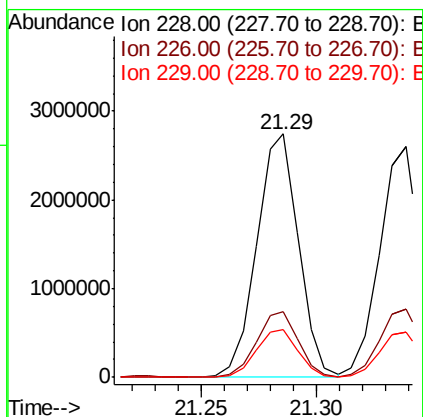
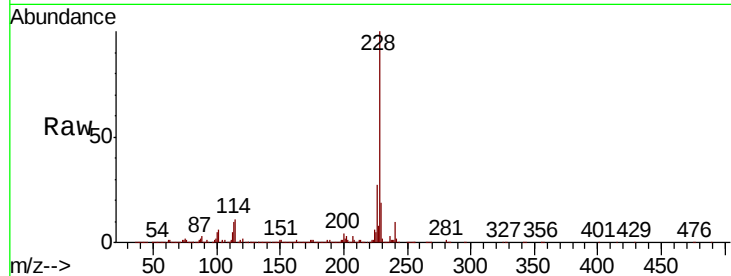
ClientSampleId :

PB117208BS

Tot Ion:	228	Resp:	3446236
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.5	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 30.636 ng

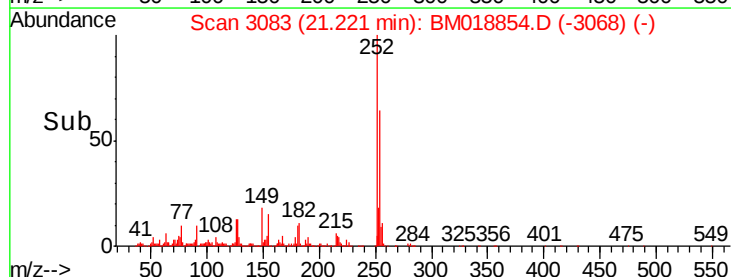
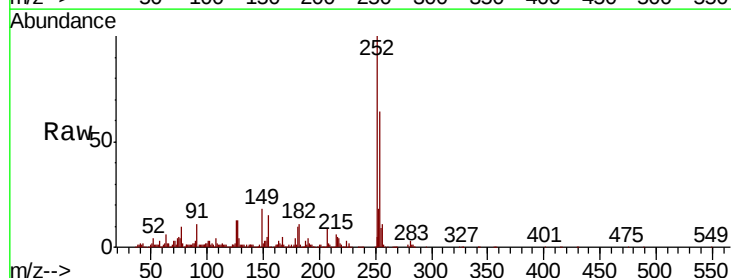
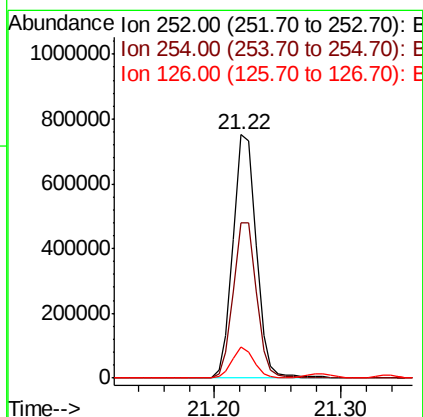
RT: 21.22 min Scan# 3083

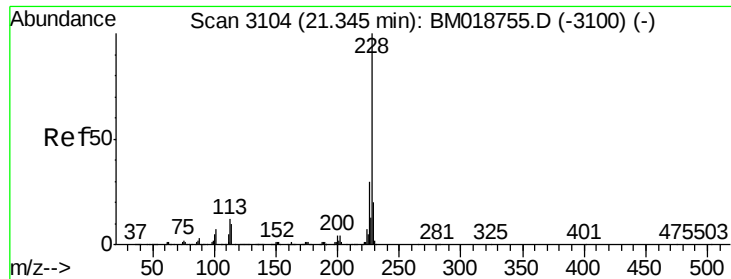
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:	252	Resp:	954390
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.8
126	12.6	9.1	13.7





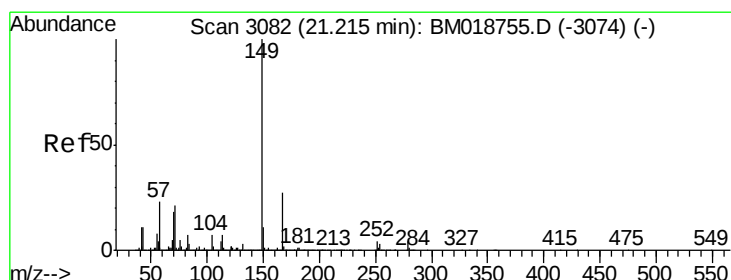
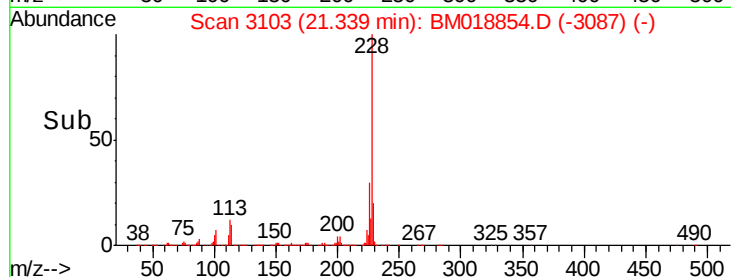
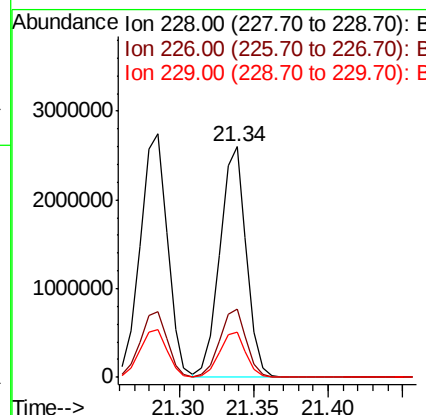
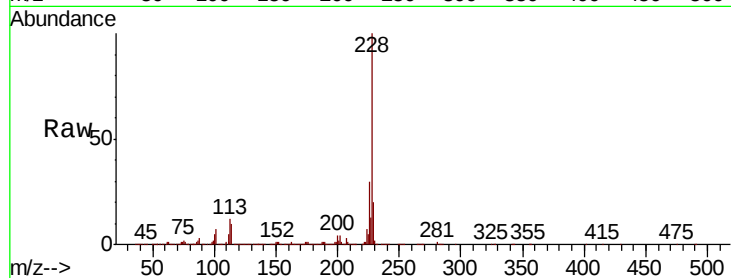
#83
Chrysene
Concen: 42.757 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.9	16.0	24.0

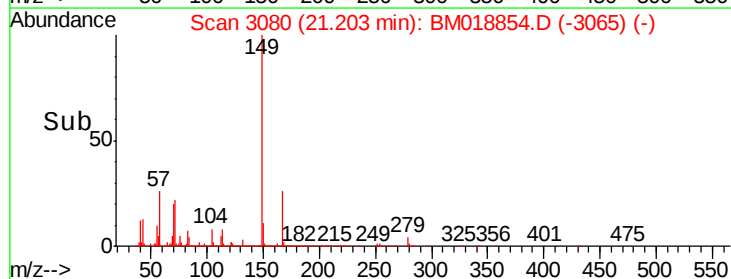
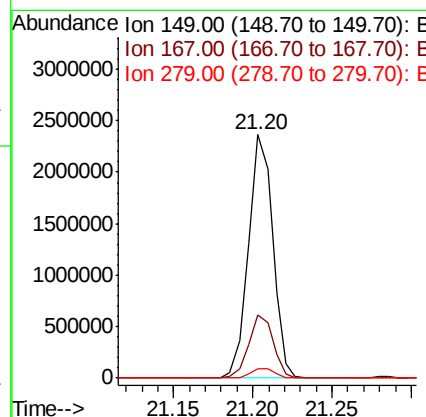
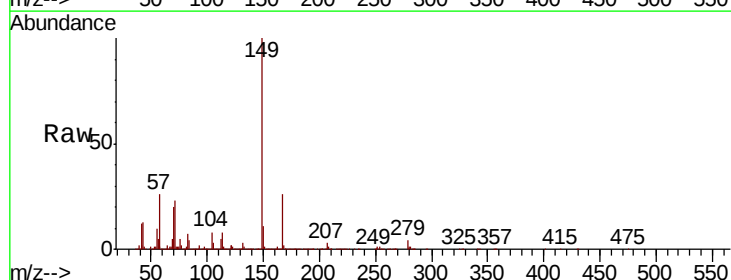
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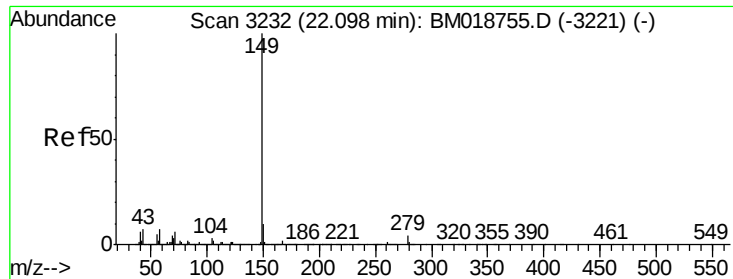
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.797 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	3.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.227 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

PB117208BS

Tot Ion:149 Resp: 4158082

Ion Ratio Lower Upper

149 100

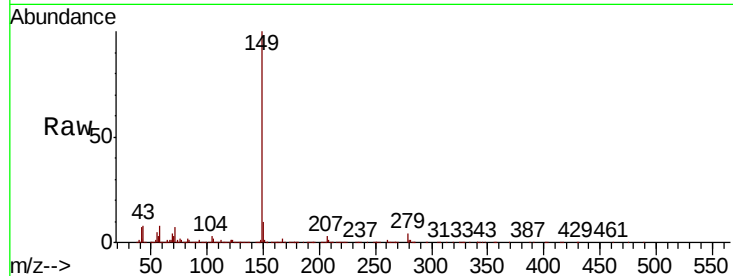
167 1.6 1.3 1.9

43 7.7 6.0 9.0

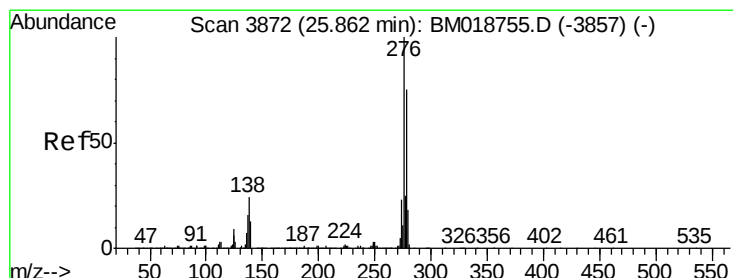
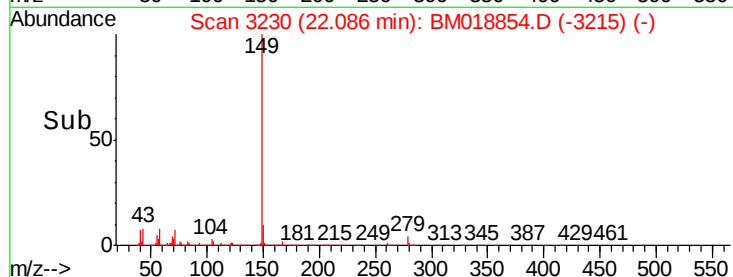
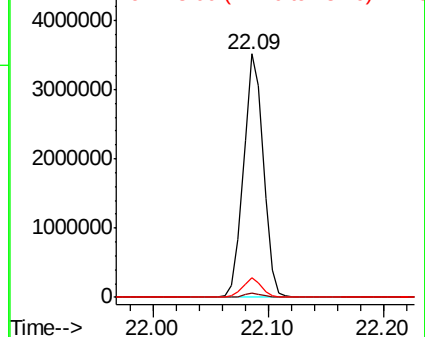
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.338 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

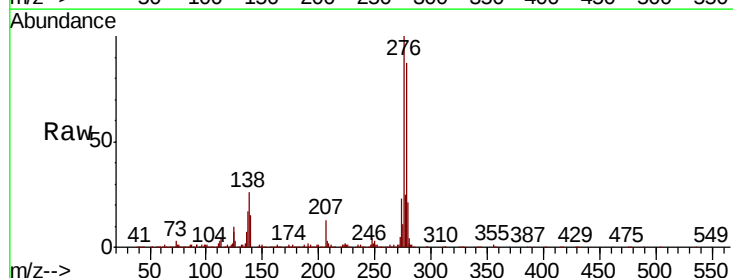
Tgt Ion:276 Resp: 3256922

Ion Ratio Lower Upper

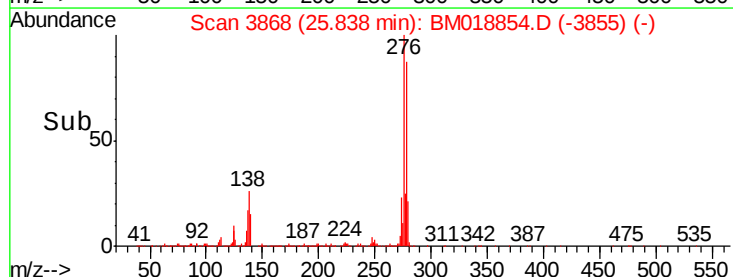
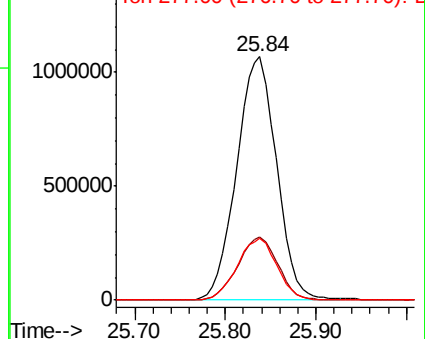
276 100

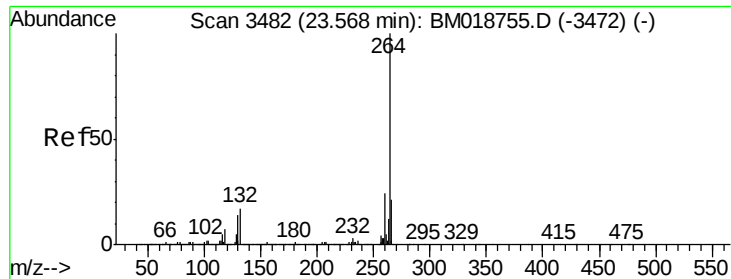
138 26.0 20.2 30.4

277 25.4 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

PB117208BS

Tot Ion:264 Resp: 1051008

Ion Ratio Lower Upper

264 100

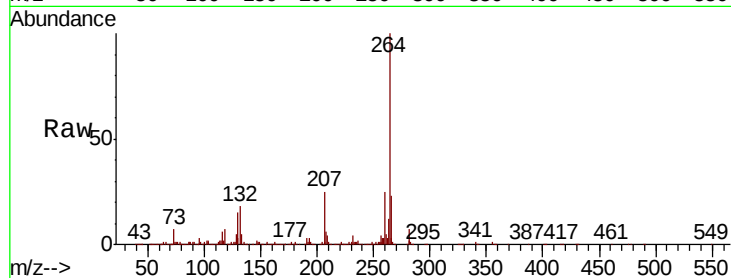
260 24.6 18.9 28.3

265 22.6 17.3 25.9

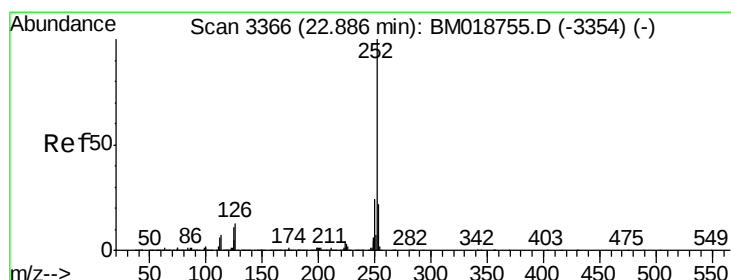
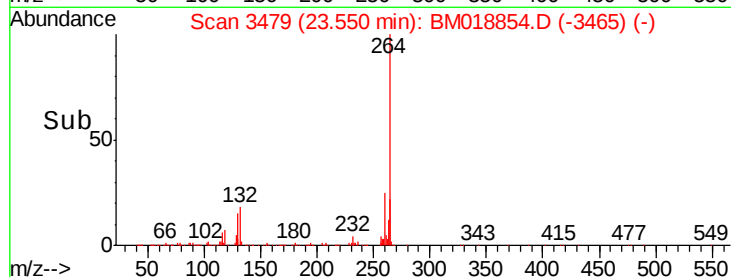
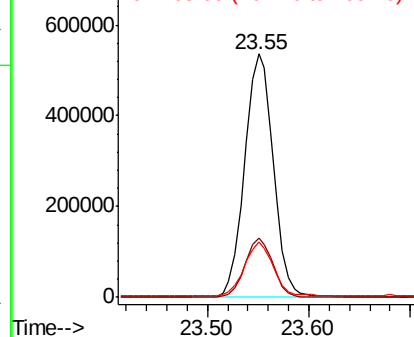
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.324 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

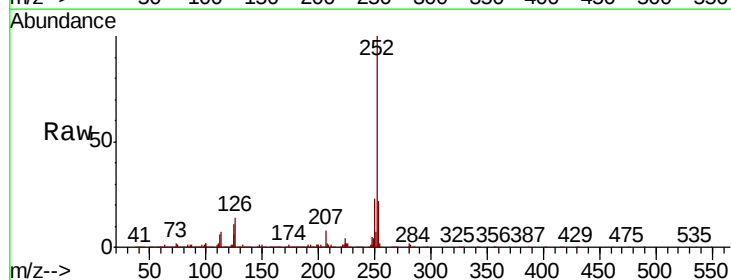
Tgt Ion:252 Resp: 3026078

Ion Ratio Lower Upper

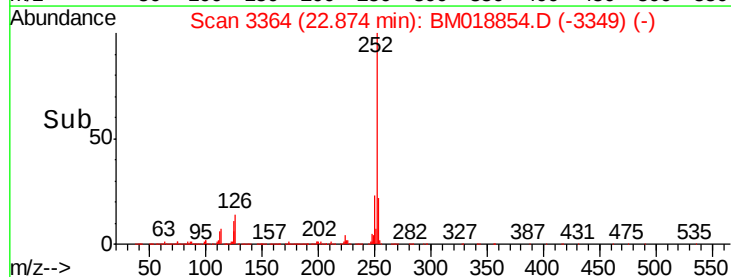
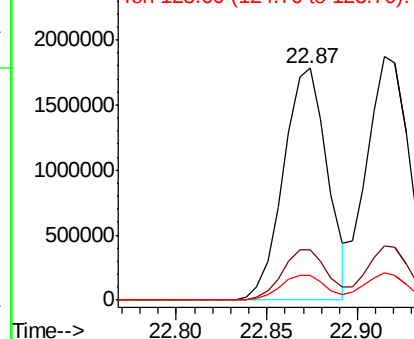
252 100

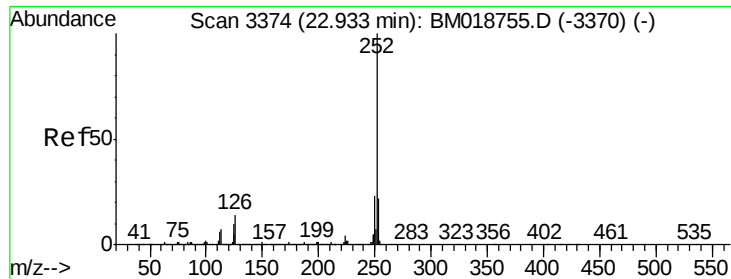
253 21.9 17.8 26.6

125 10.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





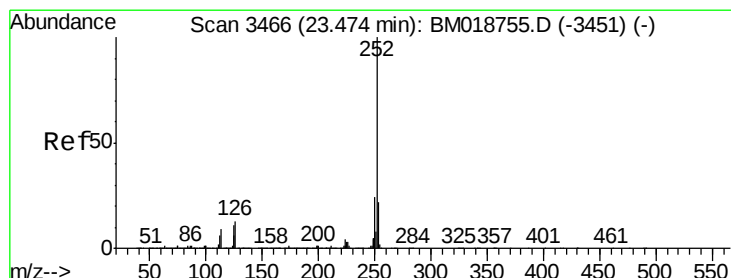
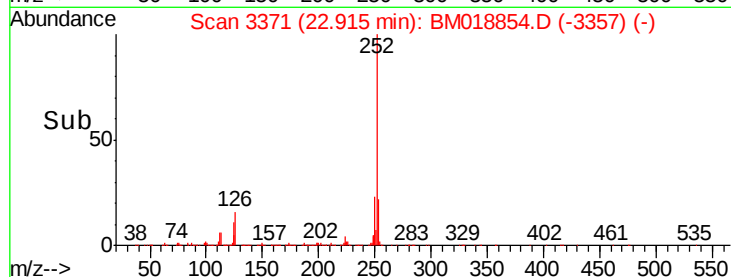
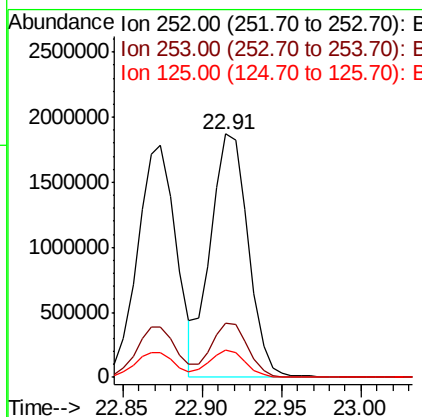
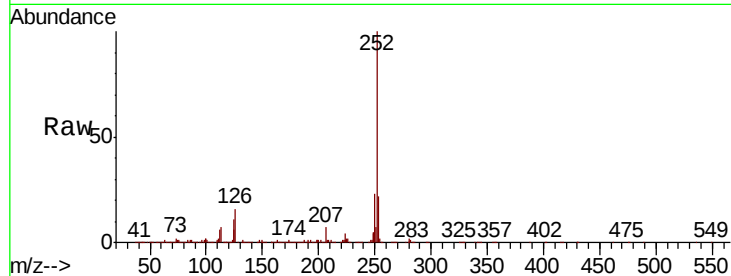
#89
Benzo(k)fluoranthene
Concen: 51.536 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.2	8.2	12.4

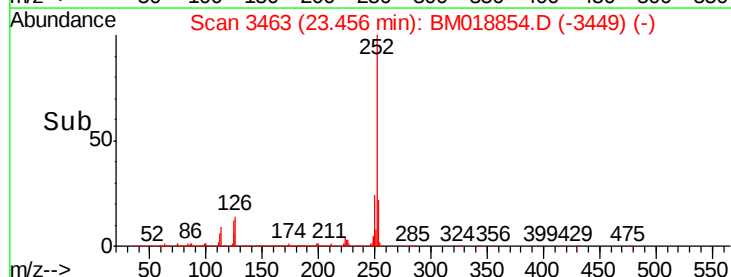
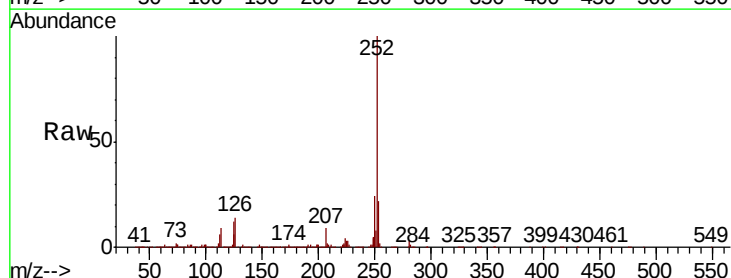
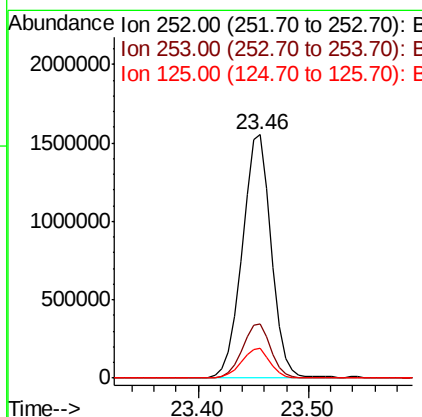
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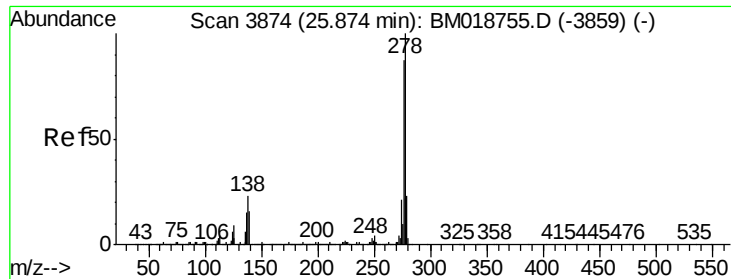
Sohil
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#90
Benzo(a)pyrene
Concen: 50.181 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.1	8.6	13.0





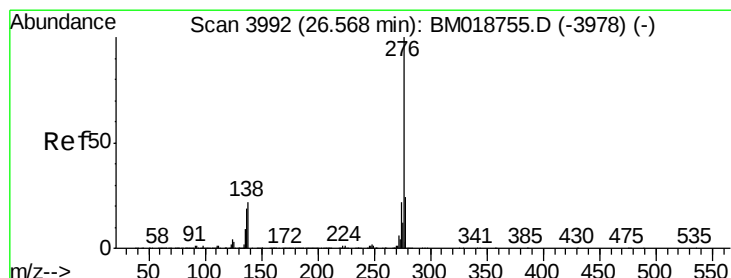
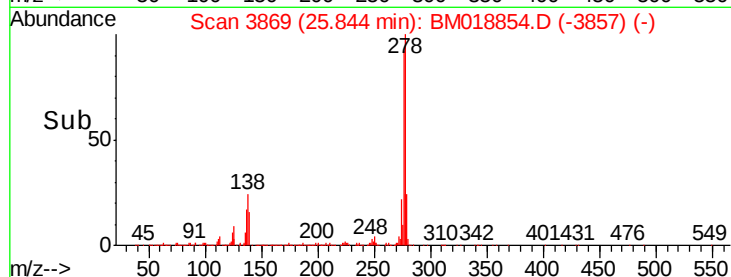
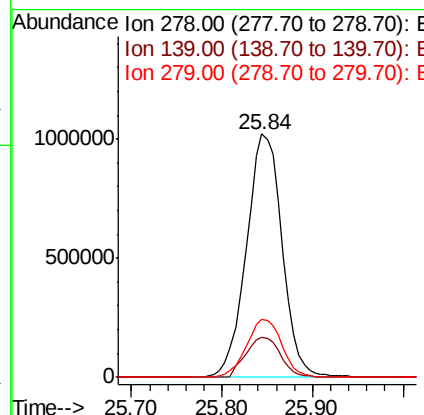
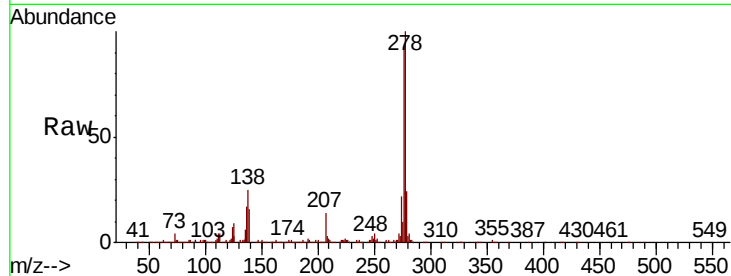
#91
Dibenzo(a,h)anthracene
Concen: 49.517 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.03 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	23.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:37 AM



#92
Benzo(g,h,i)perylene
Concen: 50.367 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.04 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.7	17.3	25.9

