

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017627.D
 Acq On : 13 Nov 2018 19:00
 Operator : MJ/SJ
 Sample : J5770-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Manual Integrations
 APPROVED

Sohil
 11/14/2018 5:18:15 PM

Quant Time: Nov 14 03:48:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	214678	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	897437	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	535519	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1241057	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1347310	20.00	ng	0.00
87) Perylene-d12	23.41	264	1167302	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1446651	113.73	ng	0.00
7) Phenol-d6	6.81	99	1725271	97.11	ng	0.00
23) Nitrobenzene-d5	8.77	82	1422639	81.84	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	991407	128.84	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3256649	78.89	ng	0.00
79) Terphenyl-d14	19.66	244	5320370	89.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	189653	35.798	ng	# 1
3) Pyridine	3.63	79	503565	32.404	ng	100
4) n-Nitrosodimethylamine	3.54	42	316469	46.231	ng	98
6) Aniline	6.96	93	661938	30.045	ng	99
8) 2-Chlorophenol	7.19	128	721818	47.414	ng	97
9) Benzaldehyde	6.77	77	390904	30.204	ng	98
10) Phenol	6.83	94	730082	39.151	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	662309	44.991	ng	98
12) 1,3-Dichlorobenzene	7.50	146	744935	43.615	ng	98
13) 1,4-Dichlorobenzene	7.65	146	760281	43.427	ng	98
14) 1,2-Dichlorobenzene	7.96	146	753715	44.400	ng	98
15) Benzyl Alcohol	7.87	79	657772	46.491	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1001375	44.677	ng	100
17) 2-Methylphenol	8.06	107	588967	46.884	ng	99
18) Hexachloroethane	8.67	117	279635	45.320	ng	99
19) n-Nitroso-di-n-propylamine	8.43	70	585431	45.893	ng	100
20) 3+4-Methylphenols	8.39	107	782344	44.823	ng	98
22) Acetophenone	8.44	105	1117028	49.871	ng	99
24) Nitrobenzene	8.82	77	864341	49.006	ng	99
25) Isophorone	9.34	82	1532870	57.091	ng	99
26) 2-Nitrophenol	9.52	139	397717	48.956	ng	99
27) 2,4-Dimethylphenol	9.58	122	673927	57.560	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	946078	52.026	ng	98
29) 2,4-Dichlorophenol	10.05	162	715295	52.628	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	749521	47.415	ng	97
31) Naphthalene	10.44	128	2296790	52.053	ng	100
32) Benzoic acid	9.75	122	419484m	39.552	ng	
33) 4-Chloroaniline	10.57	127	199761	10.338	ng	99
34) Hexachlorobutadiene	10.72	225	441325	44.971	ng	98
35) Caprolactam	11.36	113	152251m	30.419	ng	
36) 4-Chloro-3-methylphenol	11.69	107	806026	51.366	ng	99
37) 2-Methylnaphthalene	12.06	142	1720562	55.172	ng	100
38) 1-Methylnaphthalene	12.28	142	1647779	53.888	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	886004	46.918	ng	99

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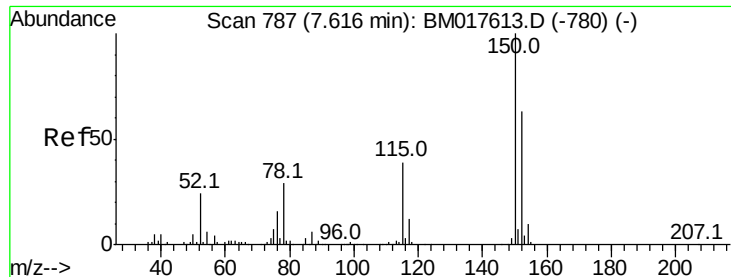
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1027322	105.281	nq	98
43) 2,4,6-Trichlorophenol	12.68	196	605198	51.166	nq	99
44) 2,4,5-Trichlorophenol	12.75	196	655518	52.487	nq	98
46) 1,1'-Biphenyl	13.09	154	2205744	45.887	nq	100
47) 2-Chloronaphthalene	13.13	162	1727041	48.405	nq	98
48) 2-Nitroaniline	13.35	65	584450	52.969	nq	99
49) Acenaphthylene	13.98	152	2870718	53.553	nq	99
50) Dimethylphthalate	13.73	163	2244527	51.551	nq	99
51) 2,6-Dinitrotoluene	13.86	165	510334	52.638	nq	99
52) Acenaphthene	14.33	154	1670667	50.783	nq	100
53) 3-Nitroaniline	14.19	138	366325	34.704	nq	99
54) 2,4-Dinitrophenol	14.40	184	628836	103.902	nq	98
55) Dibenzofuran	14.67	168	2703137	50.280	nq	98
56) 4-Nitrophenol	14.50	139	768502	86.205	nq	98
57) 2,4-Dinitrotoluene	14.65	165	735568	56.284	nq	99
58) Fluorene	15.32	166	2254904	54.787	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	624912	54.401	nq	99
60) Diethylphthalate	15.10	149	2317426	49.261	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	1128500	48.260	nq	99
62) 4-Nitroaniline	15.36	138	515060	51.775	nq	97
63) Azobenzene	15.61	77	2216748	50.973	nq	99
65) 4,6-Dinitro-2-methylphenol	15.42	198	418907	48.725	nq	99
66) n-Nitrosodiphenylamine	15.54	169	1982365	49.682	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	715621	48.755	nq	96
68) Hexachlorobenzene	16.32	284	795020	48.047	nq	98
69) Atrazine	16.50	200	727523	49.573	nq	96
70) Pentachlorophenol	16.67	266	1026958	88.578	nq	99
71) Phenanthrene	17.06	178	3591722	53.335	nq	100
72) Anthracene	17.15	178	3670917	56.019	nq	100
73) Carbazole	17.43	167	3354295	50.656	nq	99
74) Di-n-butylphthalate	17.99	149	4000761	54.275	nq	100
75) Fluoranthene	19.08	202	4282123	56.199	nq	99
77) Benzidine	19.28	184	791413	18.038	nq	99
78) Pyrene	19.44	202	4393954	52.856	nq	100
80) Butylbenzylphthalate	20.36	149	1842988	54.584	nq	98
81) Benzo(a)anthracene	21.20	228	4251489	54.773	nq	99
82) 3,3'-Dichlorobenzidine	21.14	252	990124	33.051	nq	99
83) Chrysene	21.26	228	4026272	53.406	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2577174	51.632	nq	99
85) Di-n-octyl phthalate	22.01	149	4342893	54.336	nq	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3519189	58.415	nq	99
88) Benzo(b)fluoranthene	22.76	252	3928612	57.469	nq	100
89) Benzo(k)fluoranthene	22.80	252	3706910	53.650	nq	99
90) Benzo(a)pyrene	23.31	252	3553268	57.006	nq	99
91) Dibenzo(a,h)anthracene	25.61	278	2970311	56.683	nq	99
92) Benzo(g,h,i)perylene	26.27	276	2813248	57.090	nq	99

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



#1

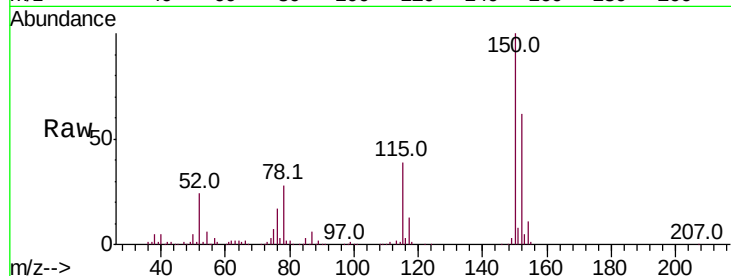
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.4	189.6
115	64.0	49.4	74.0

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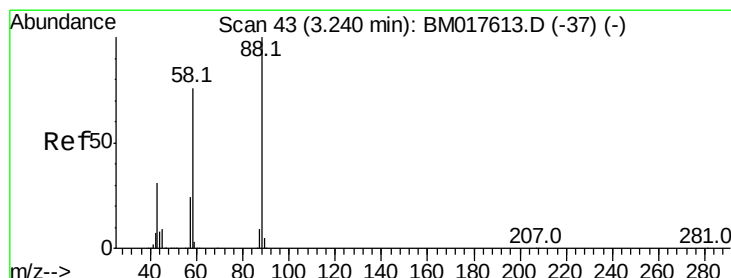
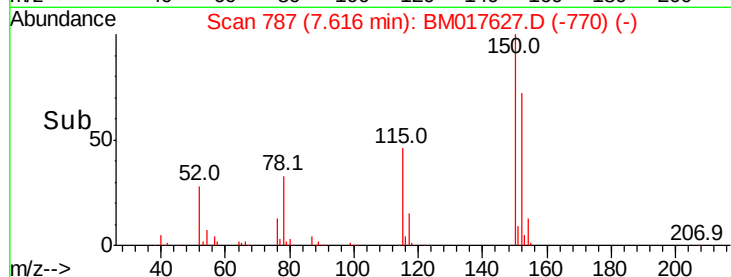
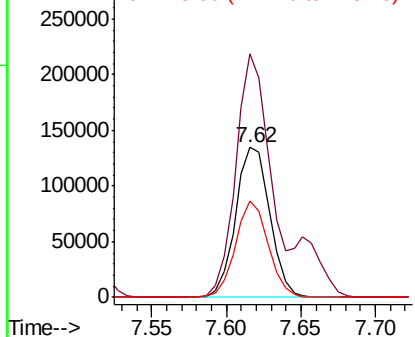


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

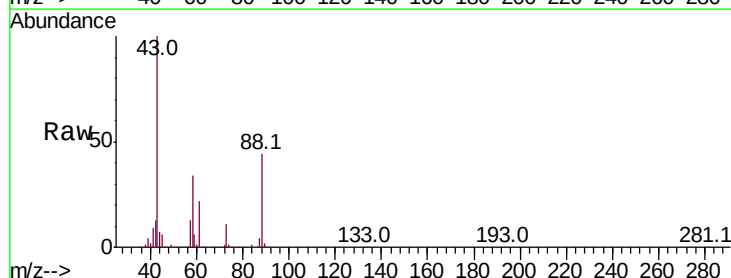
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.798 ng
RT: 3.25 min Scan# 44
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	62.0	93.0
43	221.2	26.8	40.2#

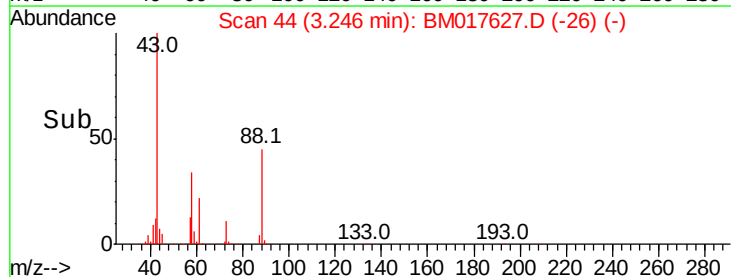
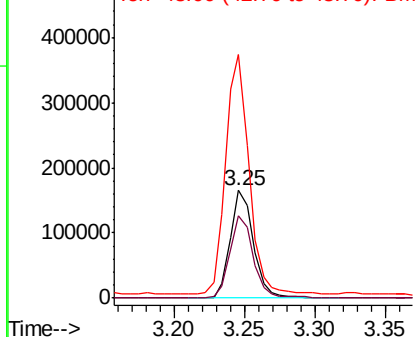


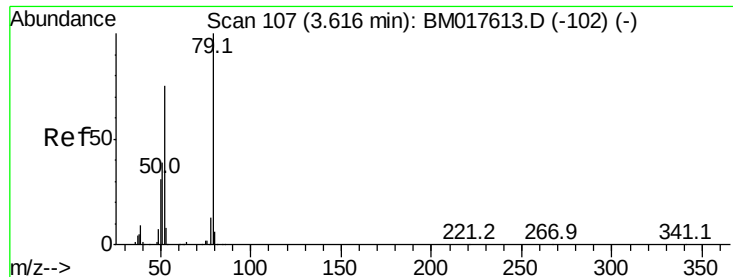
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 32.404 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

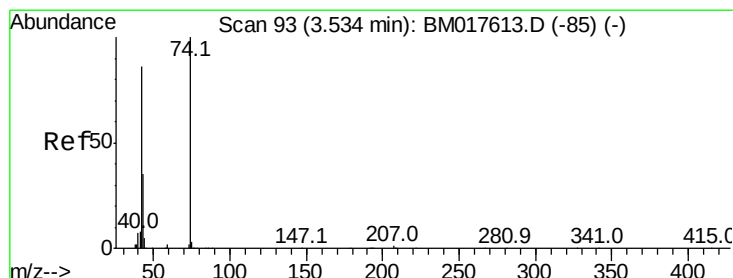
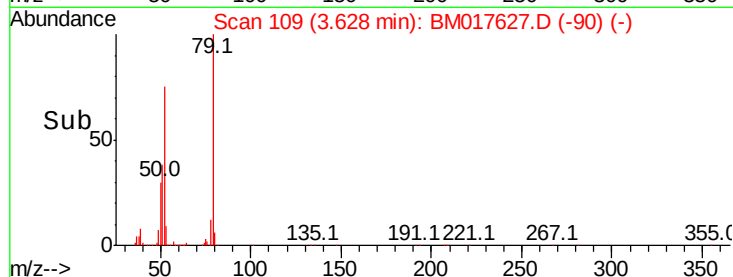
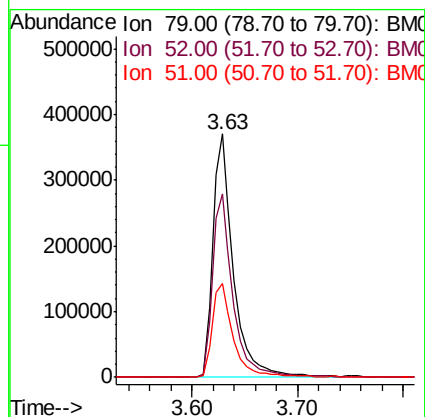
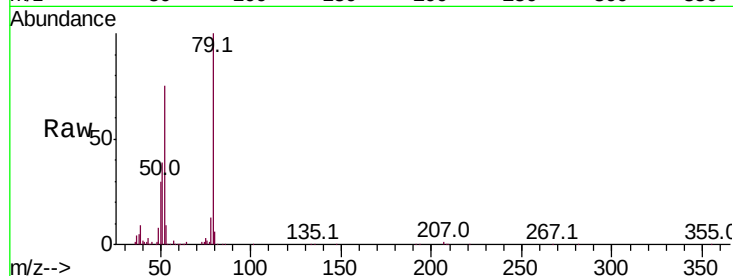
ClientSampleId :

OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.4	60.1	90.1
51	38.5	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 46.231 ng

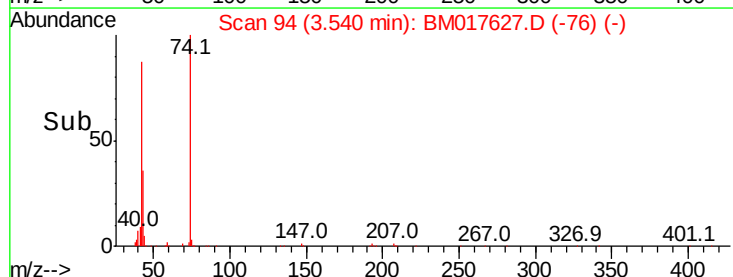
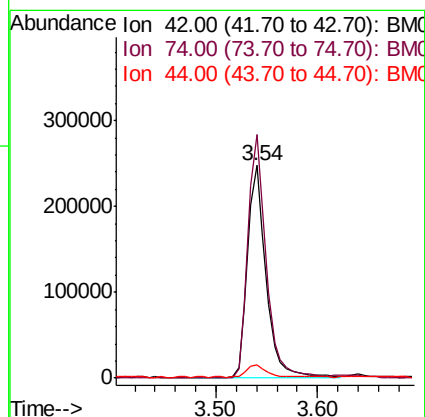
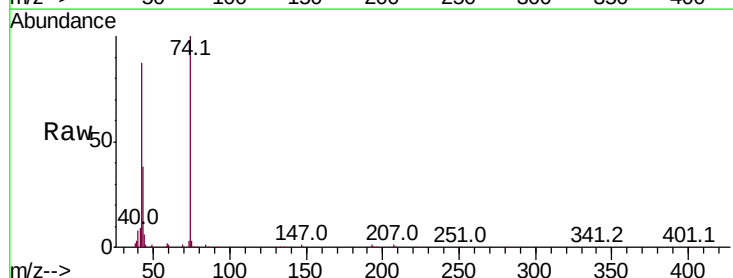
RT: 3.54 min Scan# 94

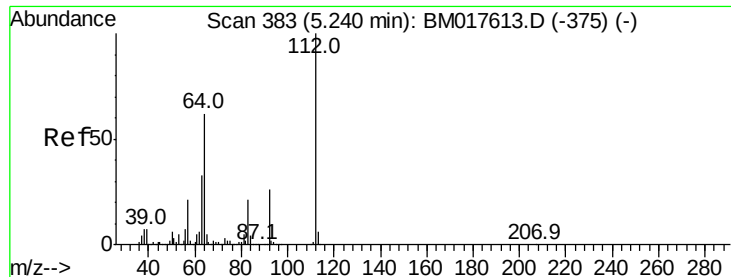
Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.6	93.1	139.7
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 113.725 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

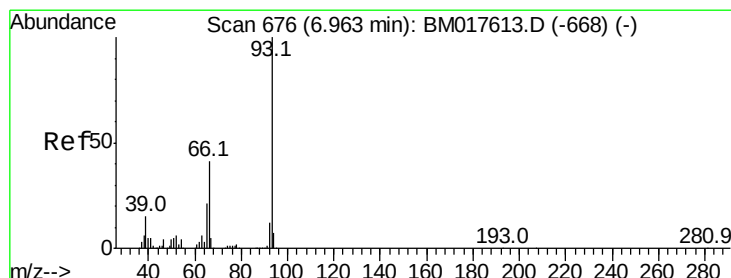
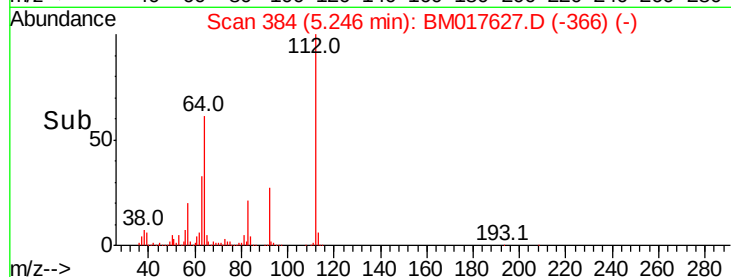
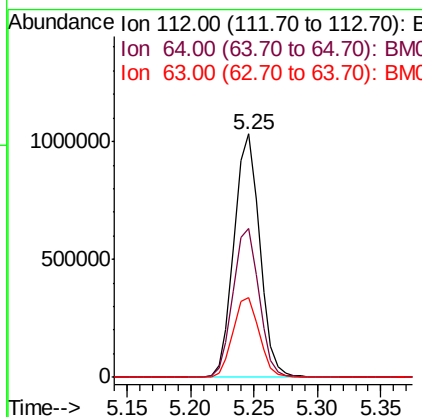
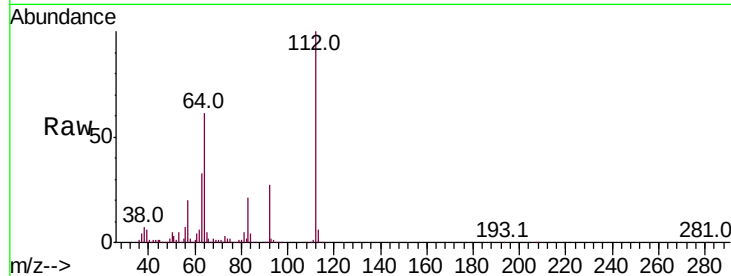
ClientSampleId :

OR-01-111218-AMSD

Tot Ion:	112	Resp:	1446651
Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.3	73.9
63	32.6	26.2	39.4

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#6

Aniline

Concen: 30.045 ng

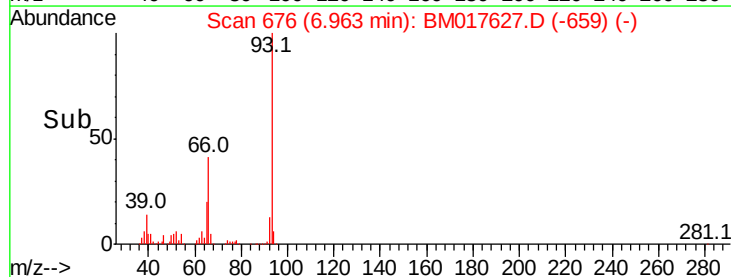
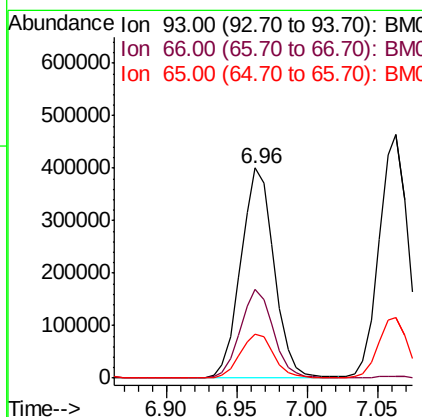
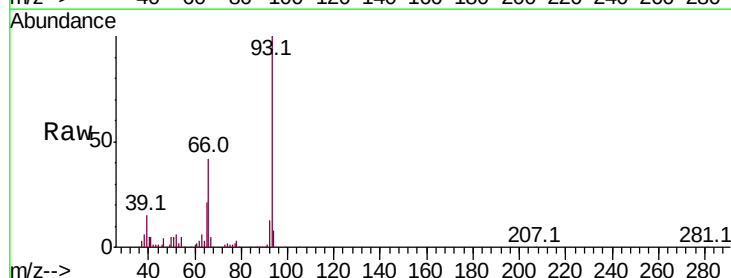
RT: 6.96 min Scan# 676

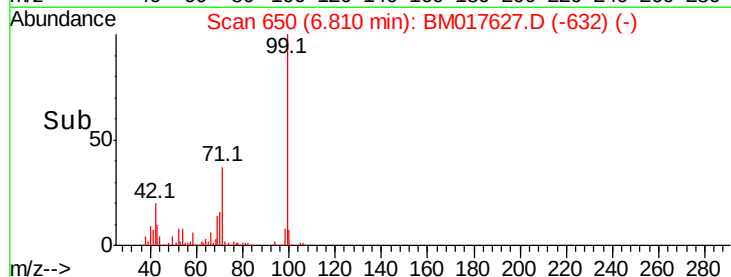
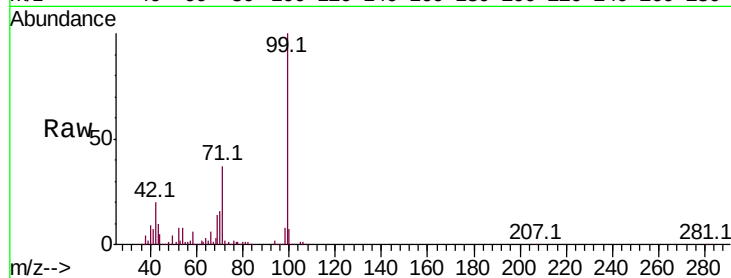
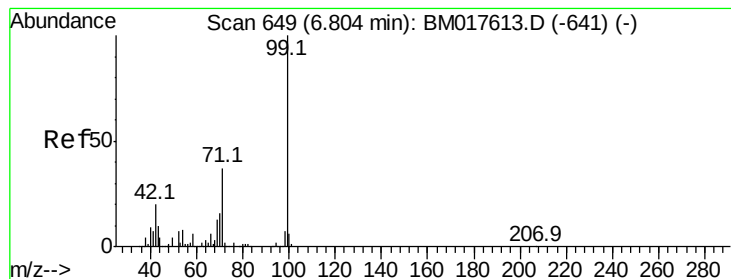
Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	93	Resp:	661938
Ion	Ratio	Lower	Upper
93	100		
66	42.0	32.8	49.2
65	20.8	16.6	25.0





#7

Phenol-d6

Concen: 97.110 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tot Ion: 99 Resp: 1725271

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

71 37.0 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

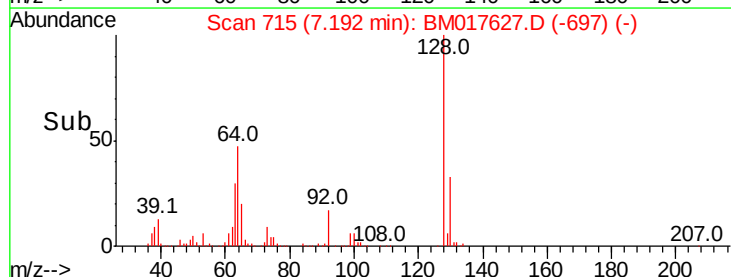
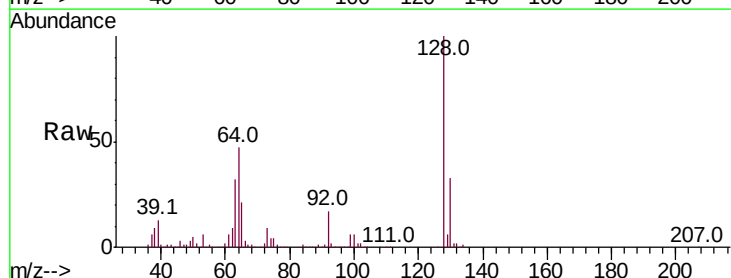
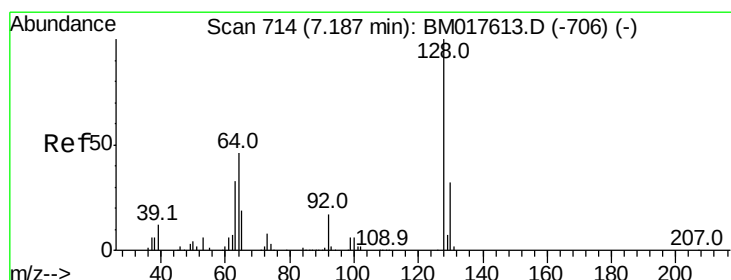
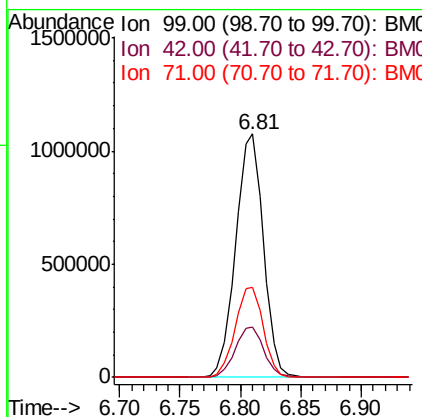
OR-01-111218-AMSD

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#8

2-Chlorophenol

Concen: 47.414 ng

RT: 7.19 min Scan# 715

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

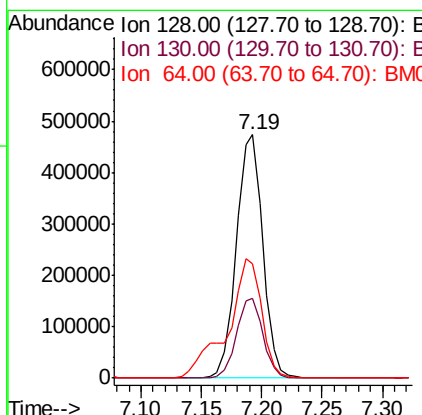
Tgt Ion: 128 Resp: 721818

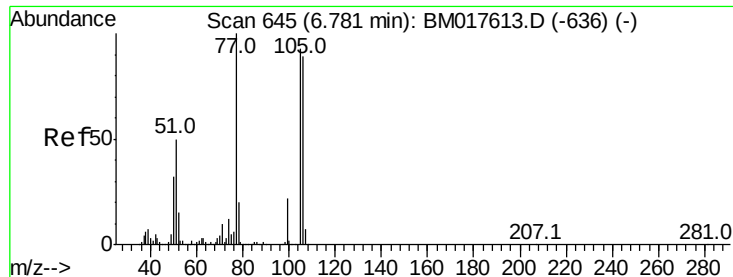
Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

64 47.0 30.0 70.0





#9

Benzaldehyde

Concen: 30.204 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

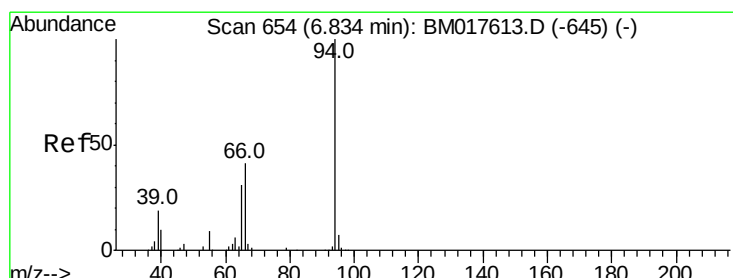
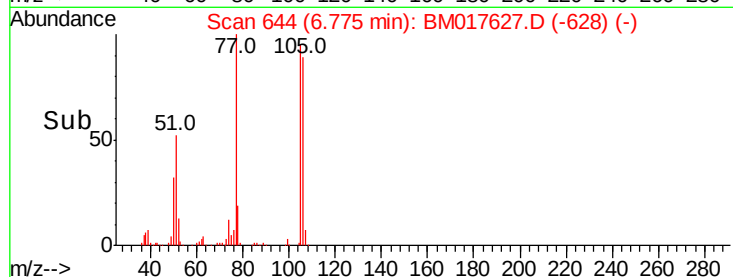
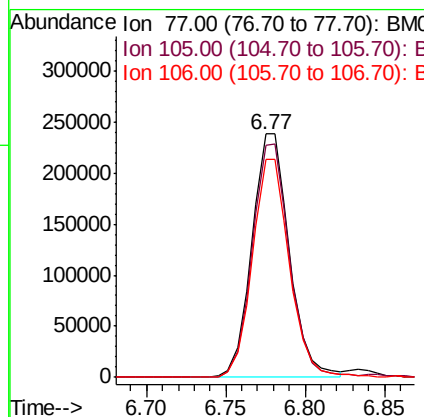
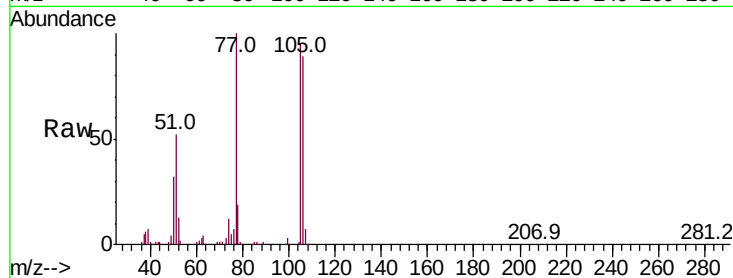
ClientSampleId :

OR-01-111218-AMSD

Tot Ion:	77	Resp:	390904
Ion Ratio	Lower	Upper	
77	100		
105	95.2	72.7	112.7
106	89.3	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 39.151 ng

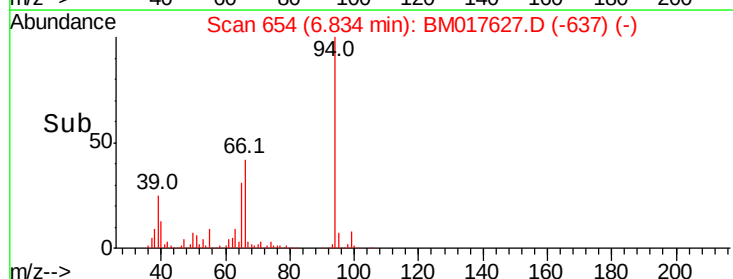
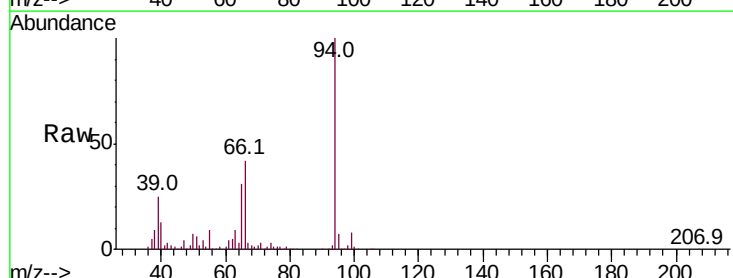
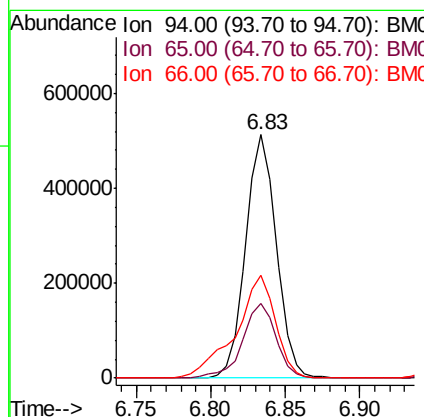
RT: 6.83 min Scan# 654

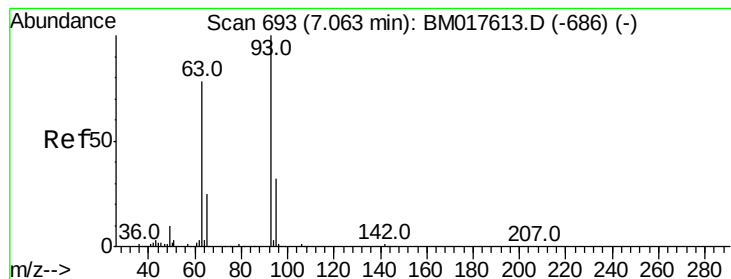
Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	94	Resp:	730082
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.4	51.4
66	42.1	21.4	61.4





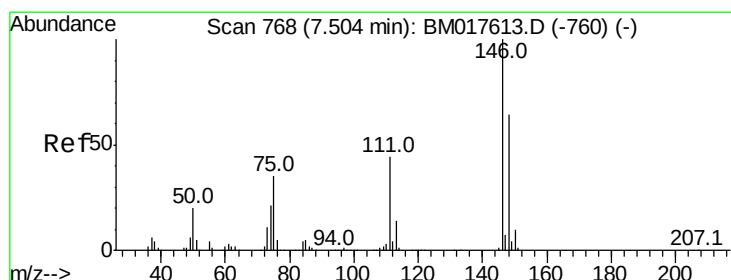
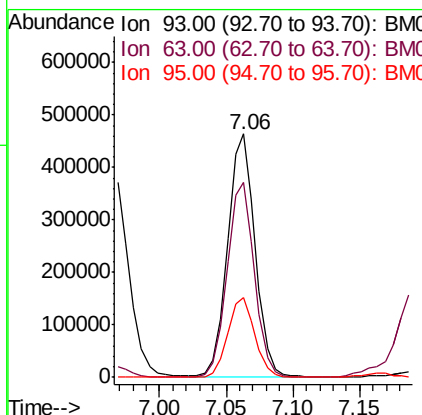
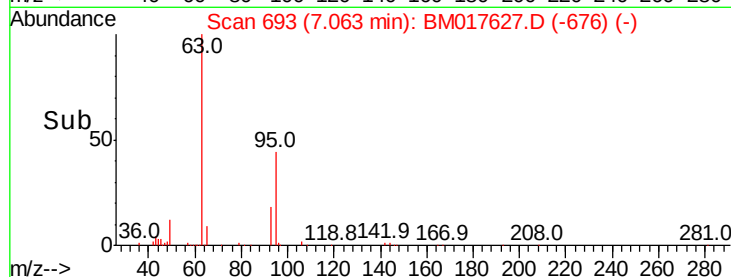
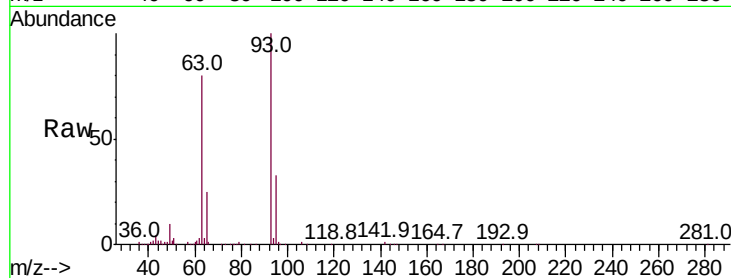
#11
bis(2-Chloroethyl)ether
Concen: 44.991 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	57.9	97.9
95	32.7	12.3	52.3

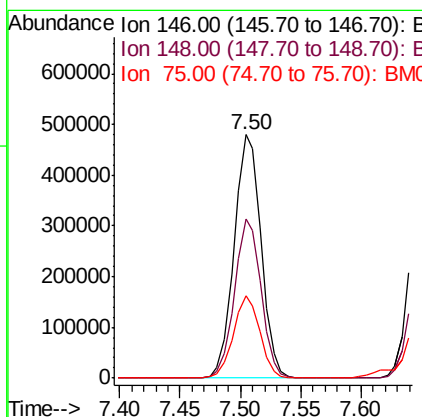
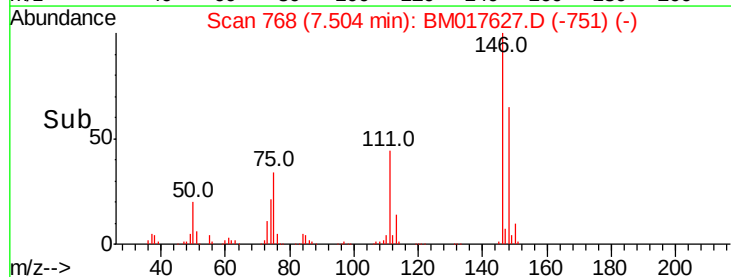
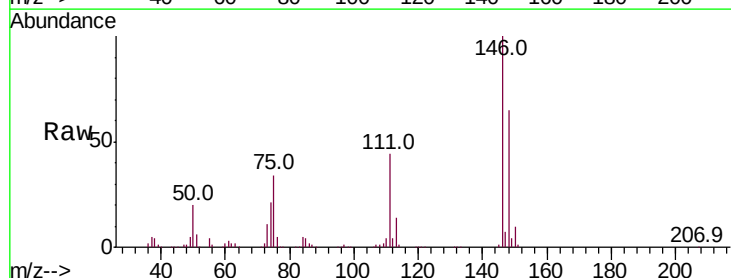
Manual Integrations
APPROVED

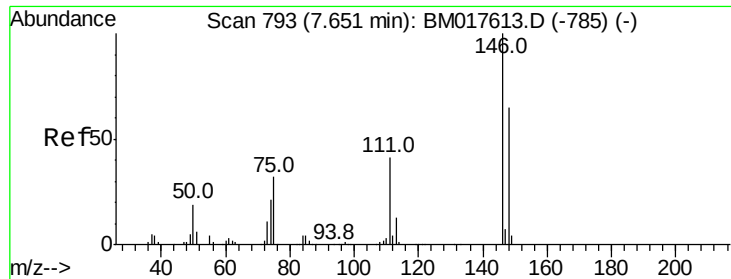
Sohil
11/14/2018 5:18:15 PM



#12
1,3-Dichlorobenzene
Concen: 43.615 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.2	76.8
75	34.0	28.2	42.2





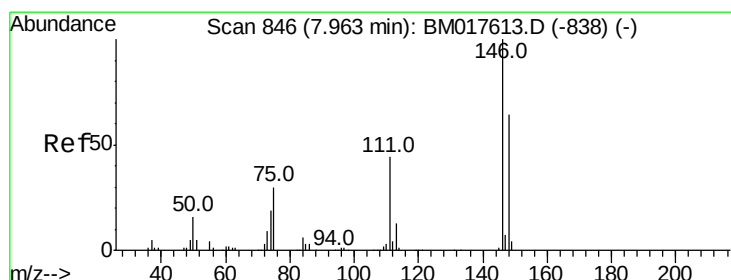
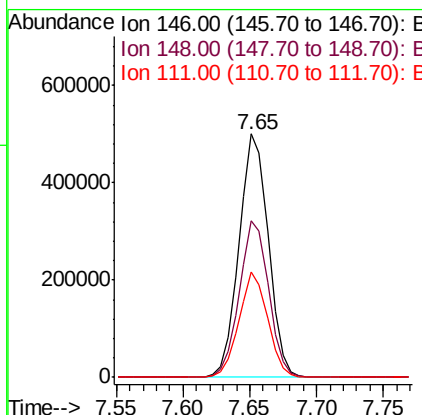
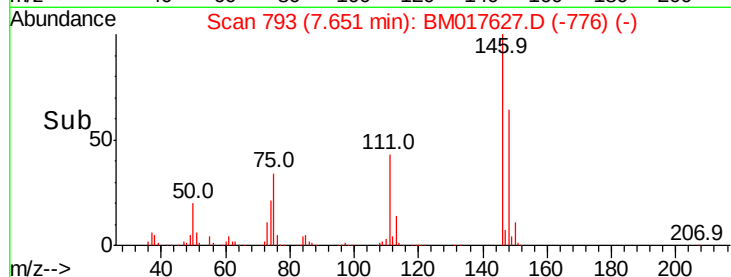
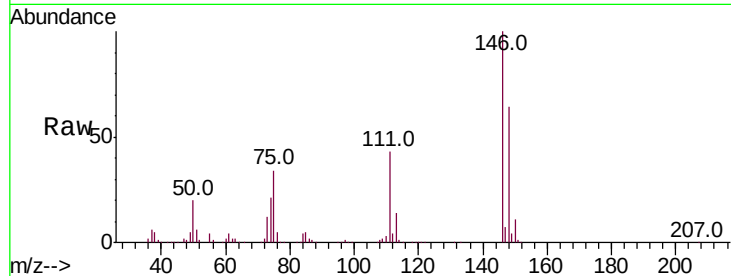
#13
1,4-Dichlorobenzene
Concen: 43.427 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	43.1	33.2	49.8

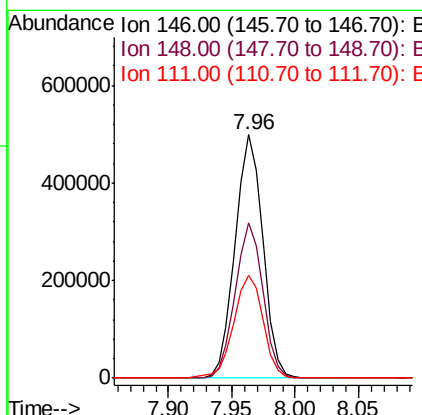
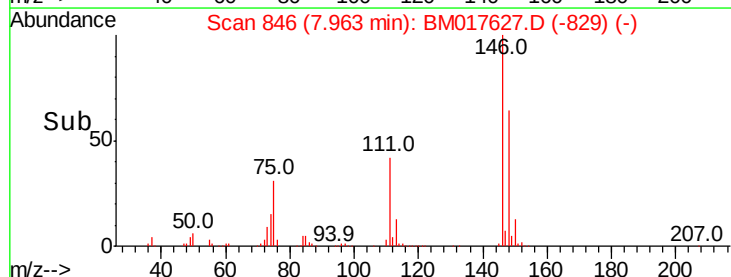
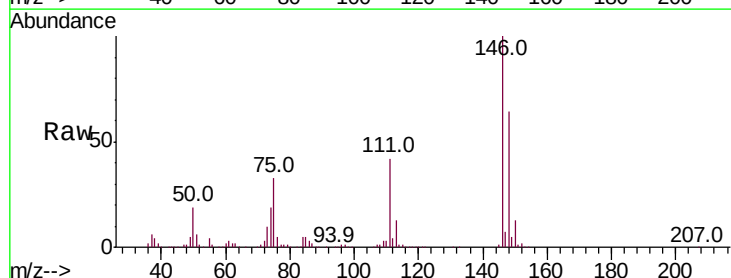
Manual Integrations
APPROVED

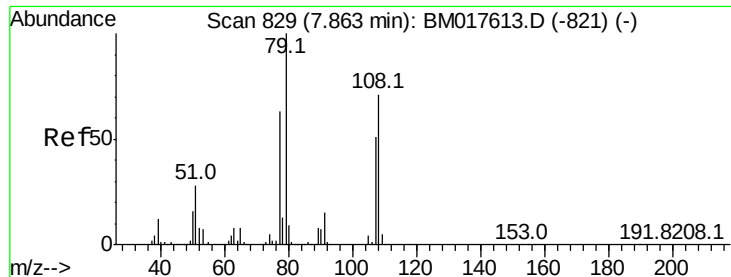
Sohil
11/14/2018 5:18:15 PM



#14
1,2-Dichlorobenzene
Concen: 44.400 ng
RT: 7.96 min Scan# 846
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	42.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 46.491 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion: 79 Resp: 657772

Ion Ratio Lower Upper

79 100

108 71.3 57.1 85.7

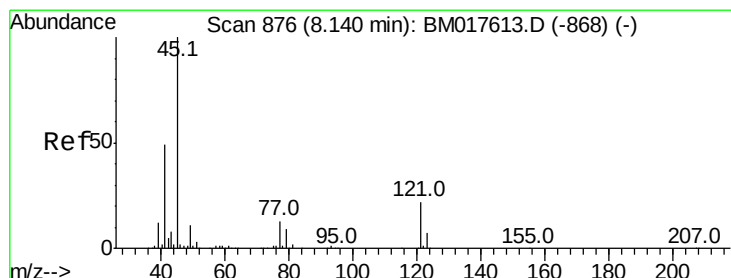
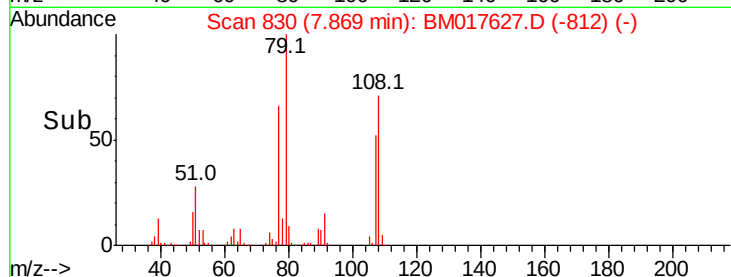
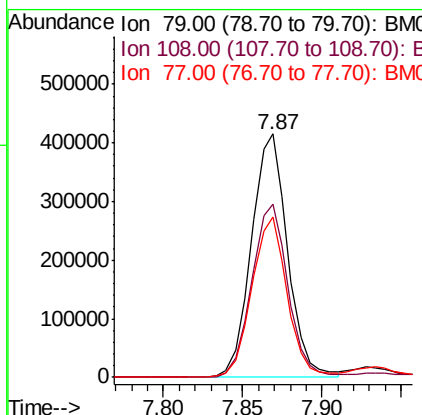
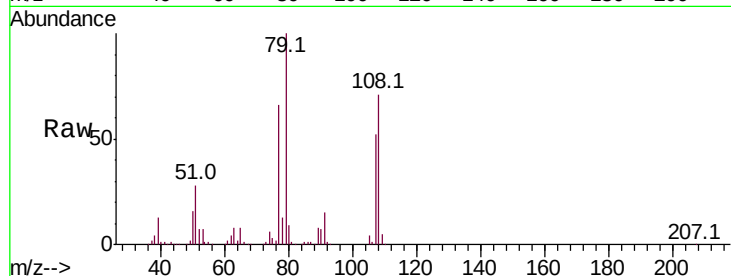
77 66.1 50.4 75.6

Manual Integrations

APPROVED

Sohil

11/14/2018 5:18:15 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.677 ng

RT: 8.15 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

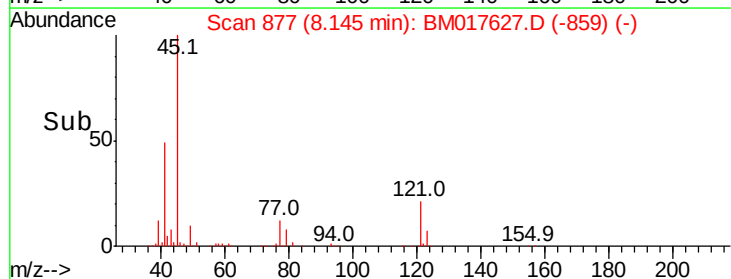
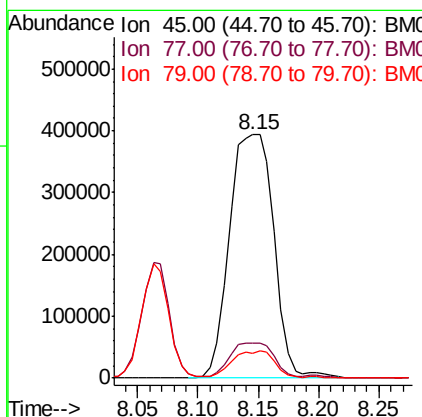
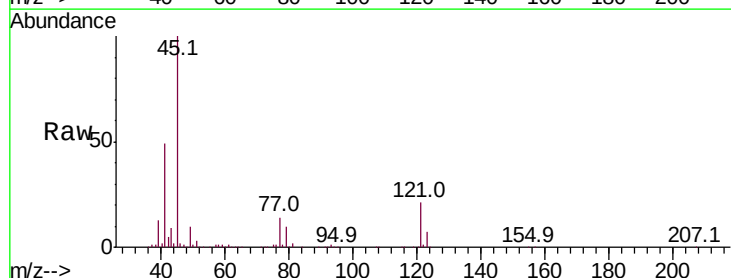
Tgt Ion: 45 Resp: 1001375

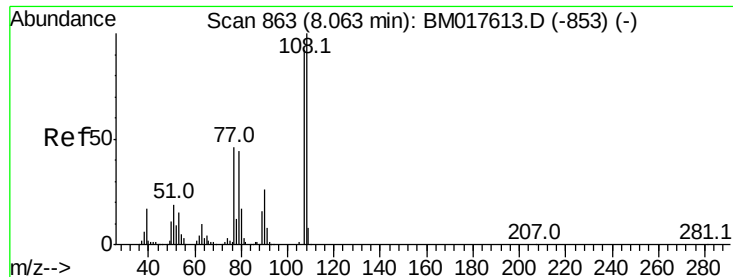
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.2

79 10.4 0.0 30.5





#17

2-Methylphenol

Concen: 46.884 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

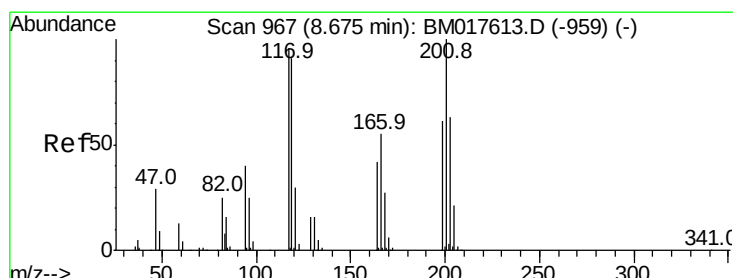
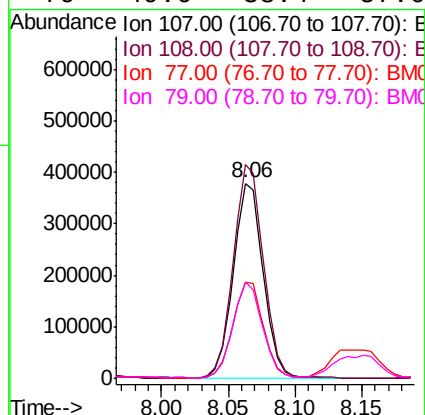
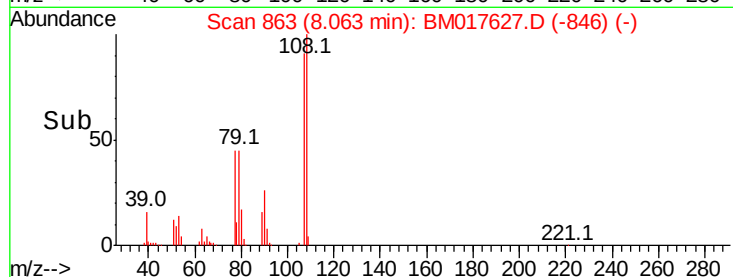
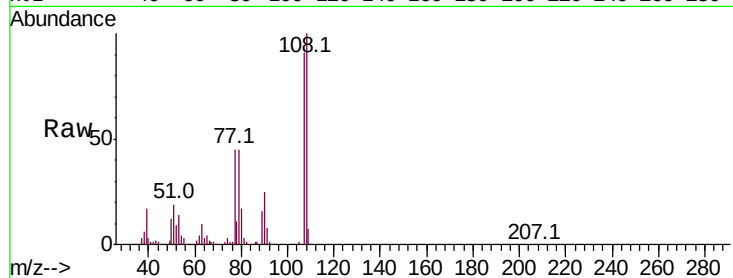
ClientSampleId :

OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	86.7	130.1	
77	49.4	39.8	59.6	
79	49.0	38.4	57.6	

Manual Integrations
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11/14/2018 5:18:15 PM



#18

Hexachloroethane

Concen: 45.320 ng

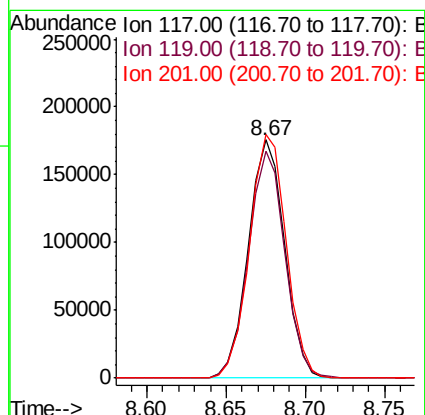
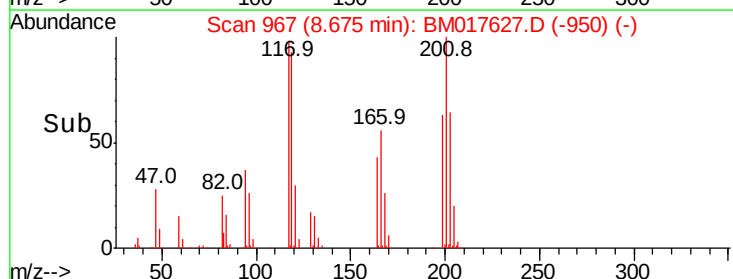
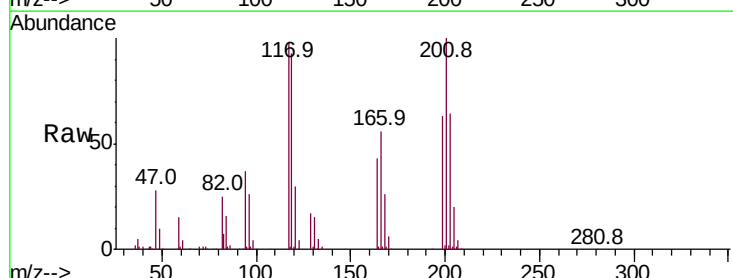
RT: 8.67 min Scan# 967

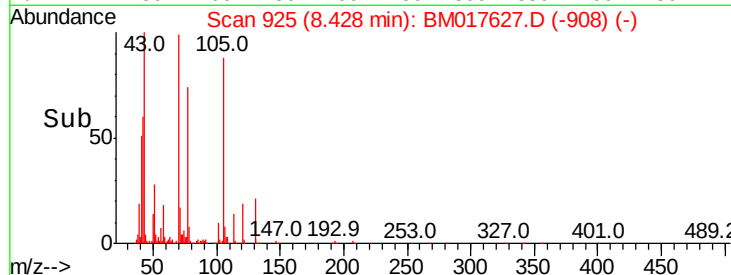
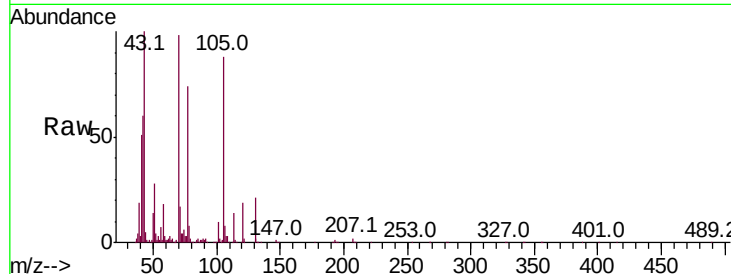
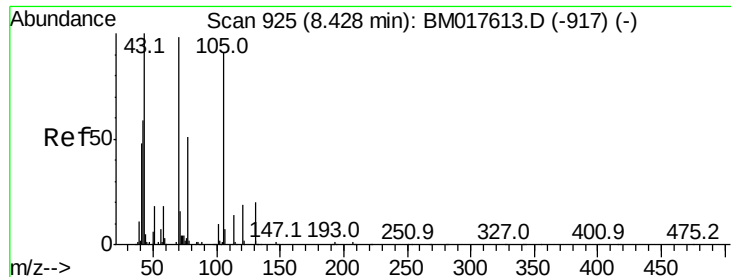
Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.8	113.8	
201	102.2	83.0	124.4	





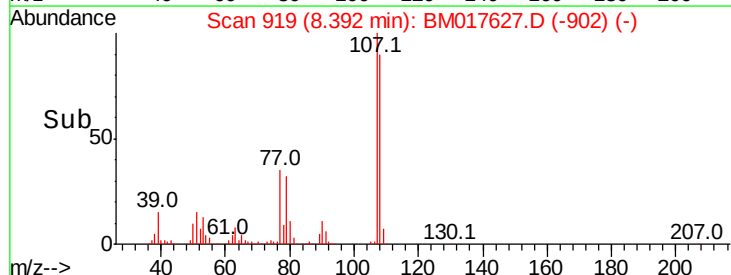
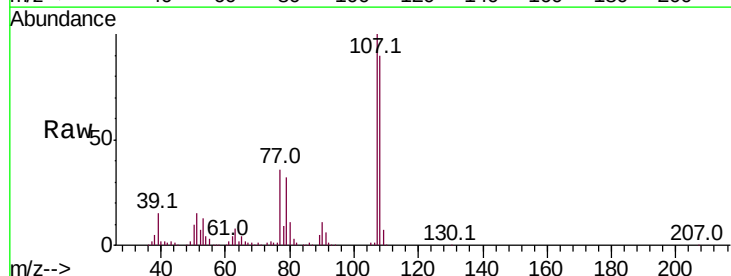
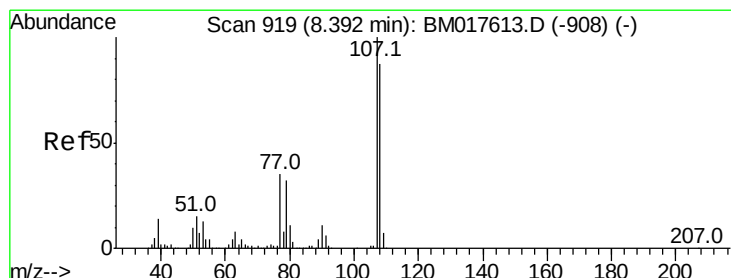
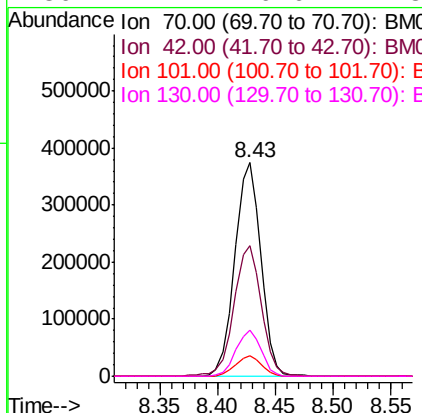
#19
n-Nitroso-di-n-propylamine
Concen: 45.893 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.9	48.6	73.0	
101	9.9	7.9	11.9	
130	21.4	16.6	24.8	

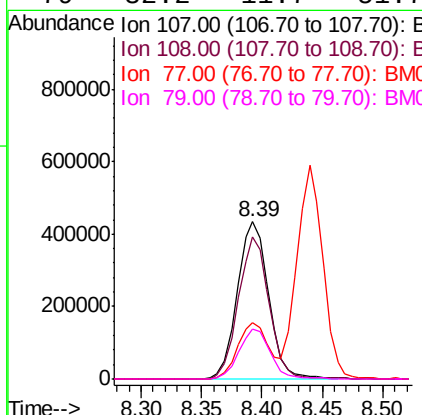
Manual Integrations
APPROVED

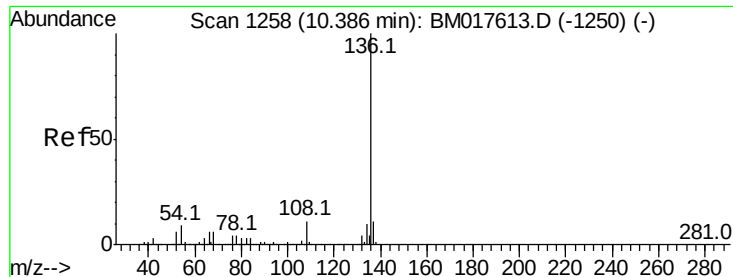
Sohil
11/14/2018 5:18:15 PM



#20
3+4-Methylphenols
Concen: 44.823 ng
RT: 8.39 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	67.0	107.0	
77	35.6	15.6	55.6	
79	32.2	11.7	51.7	





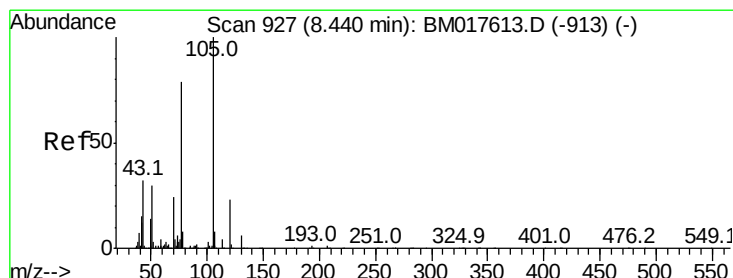
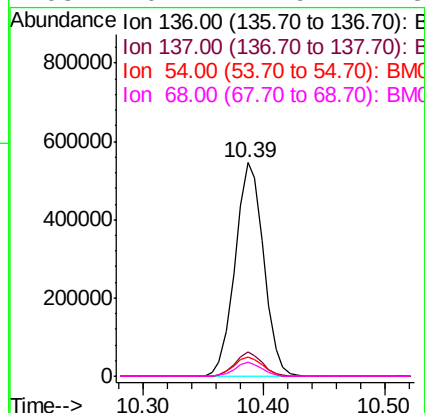
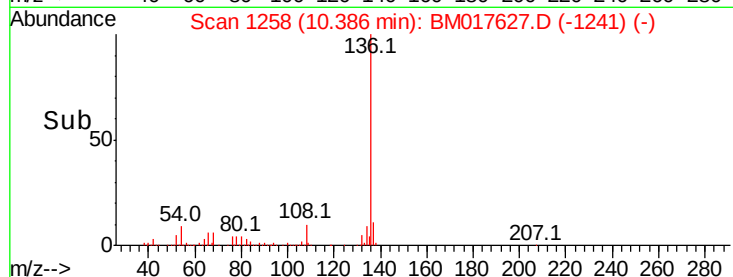
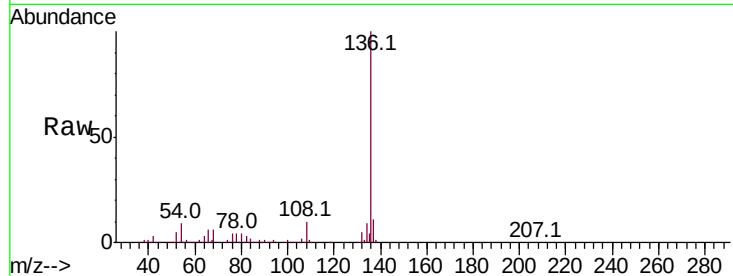
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	897437		
137	11.1	8.6	12.8	
54	9.1	7.0	10.6	
68	6.4	4.9	7.3	

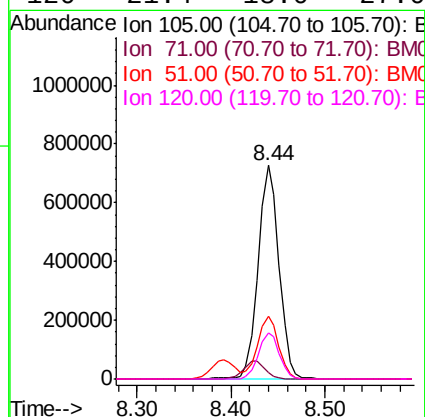
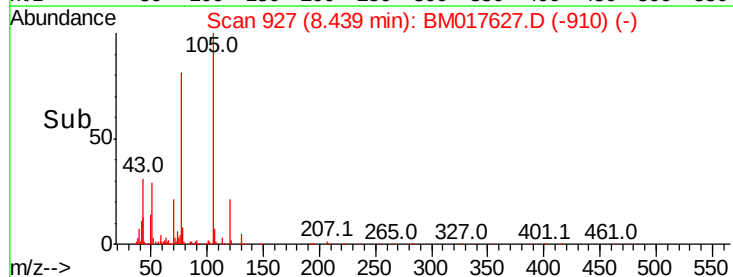
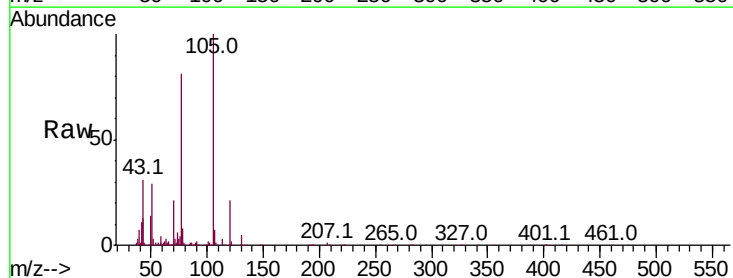
Manual Integrations
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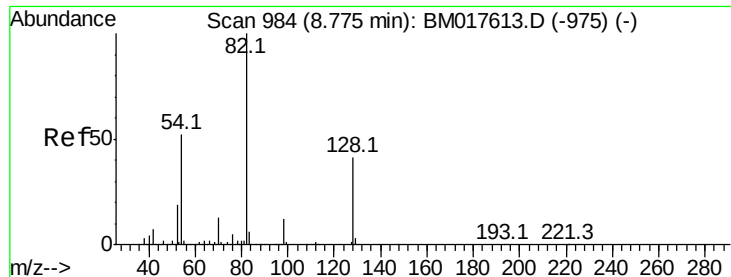
Sohil
11/14/2018 5:18:15 PM



#22
Acetophenone
Concen: 49.871 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1117028		
71	3.3	3.1	4.7	
51	29.4	23.8	35.8	
120	21.4	18.0	27.0	





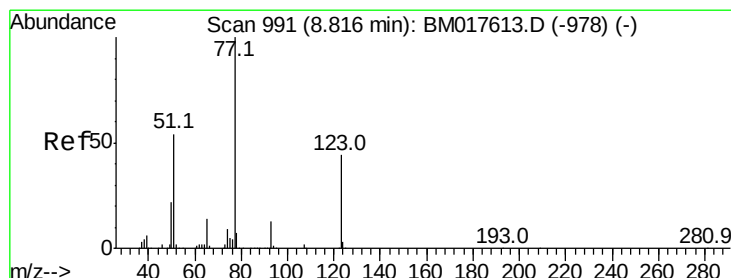
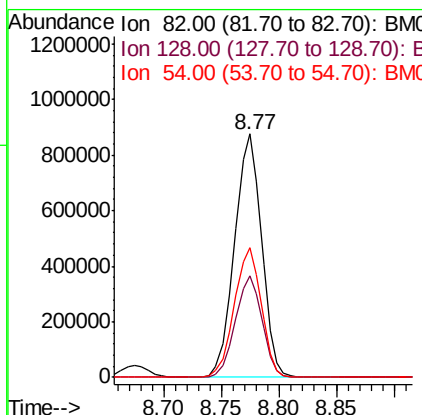
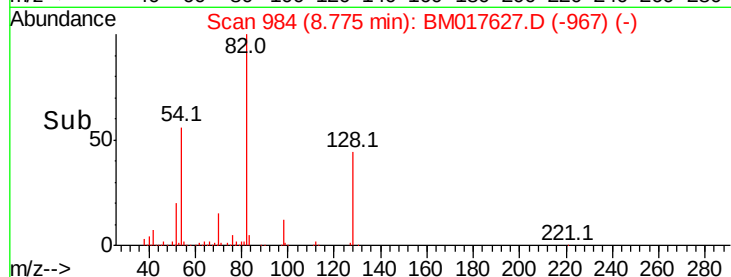
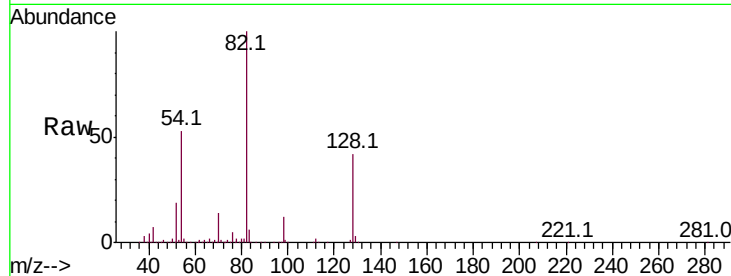
#23
 Nitrobenzene-d5
 Concen: 81.838 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion: 82 Resp: 1422639
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.0 49.4
 54 53.2 41.4 62.2

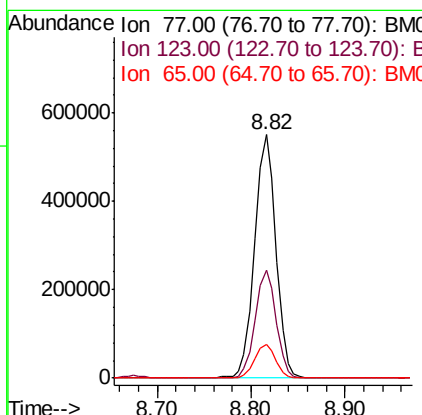
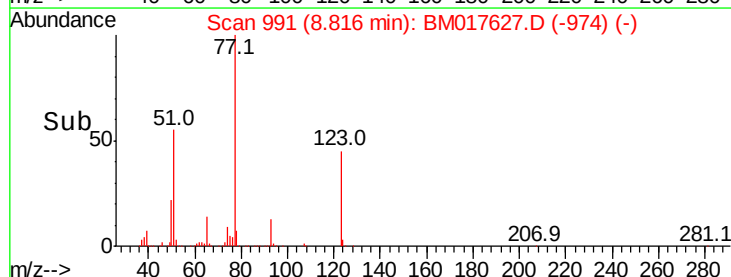
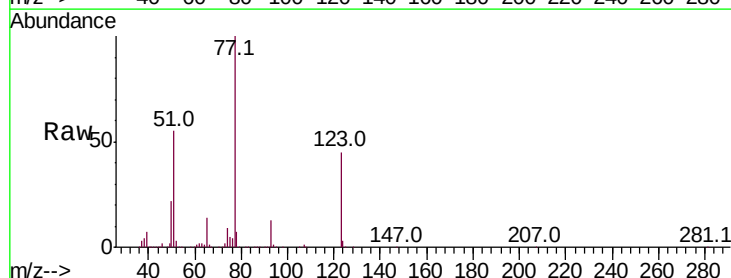
Manual Integrations
 APPROVED

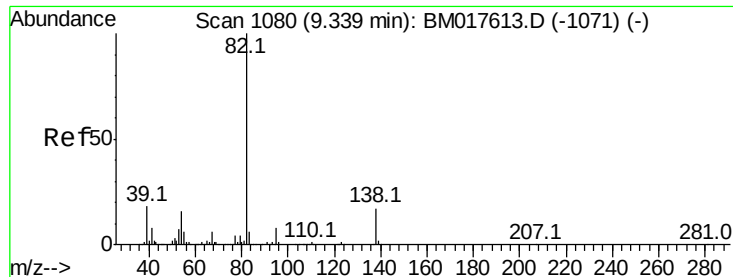
Sohil
 11/14/2018 5:18:15 PM



#24
 Nitrobenzene
 Concen: 49.006 ng
 RT: 8.82 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion: 77 Resp: 864341
 Ion Ratio Lower Upper
 77 100
 123 44.6 35.1 52.7
 65 13.7 11.0 16.6





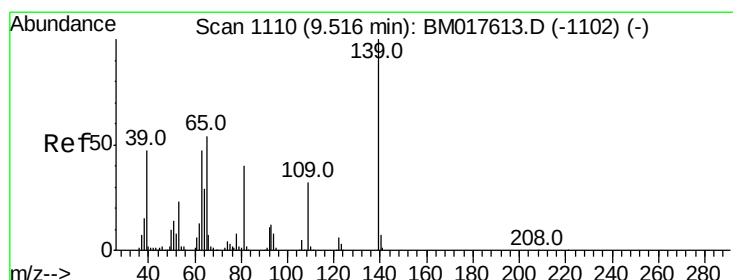
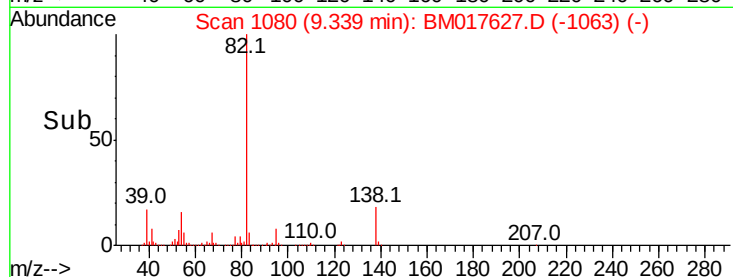
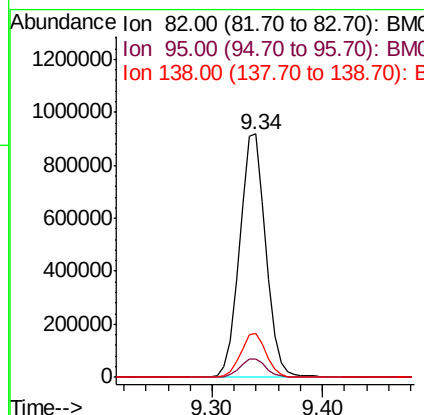
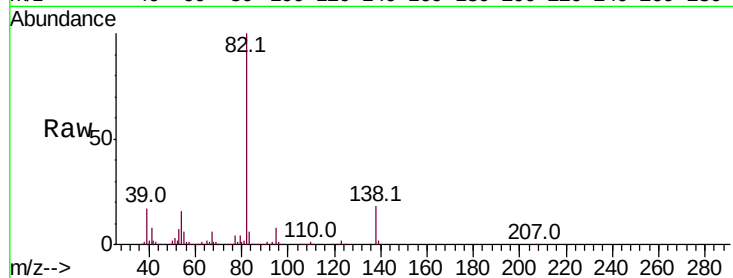
#25
Isophorone
Concen: 57.091 ng
RT: 9.34 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	18.1	13.9	20.9

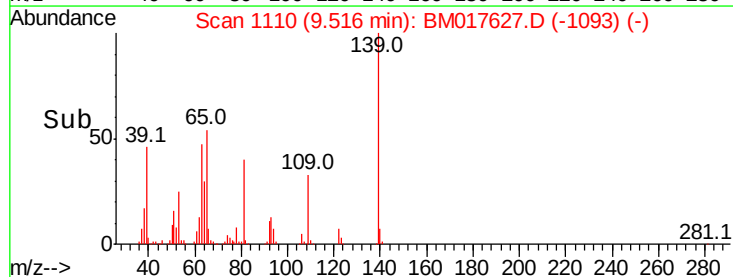
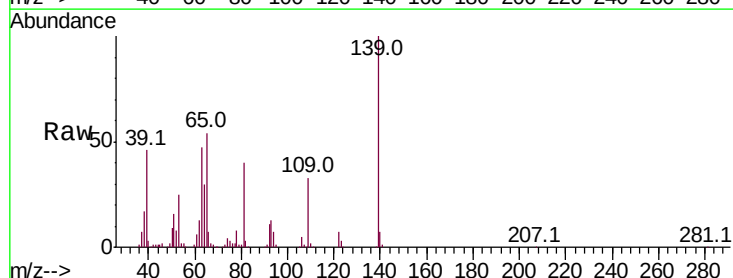
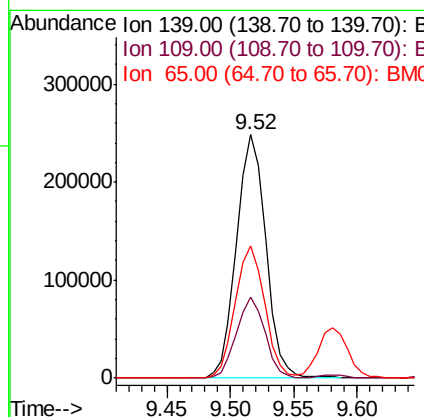
Manual Integrations
APPROVED

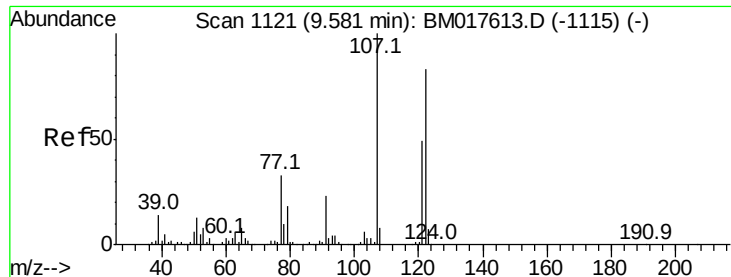
Sohil
11/14/2018 5:18:15 PM



#26
2-Nitrophenol
Concen: 48.956 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.1	25.9	38.9
65	54.2	43.0	64.4





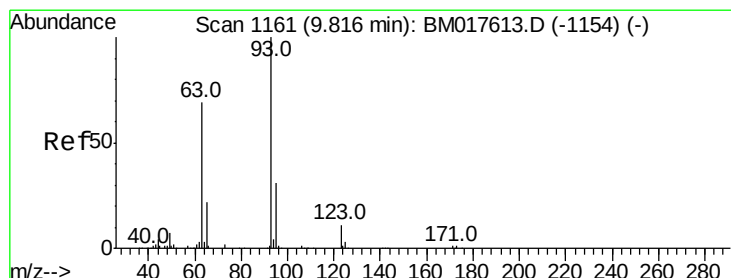
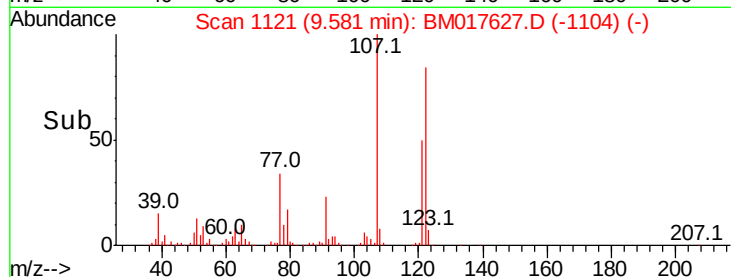
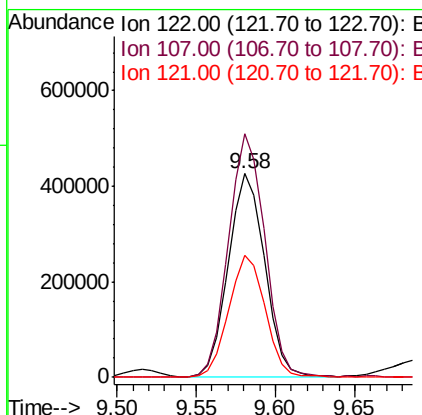
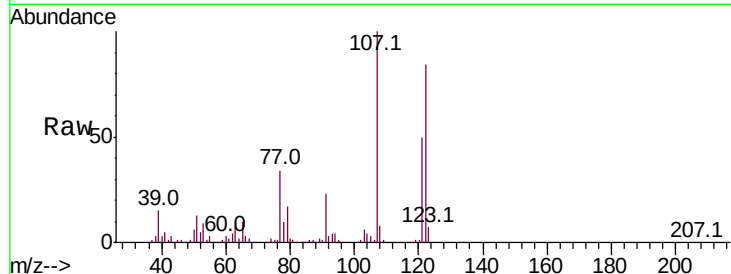
#27
 2,4-Dimethylphenol
 Concen: 57.560 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	673927		
107	119.5	95.8	143.8	
121	60.0	47.2	70.8	

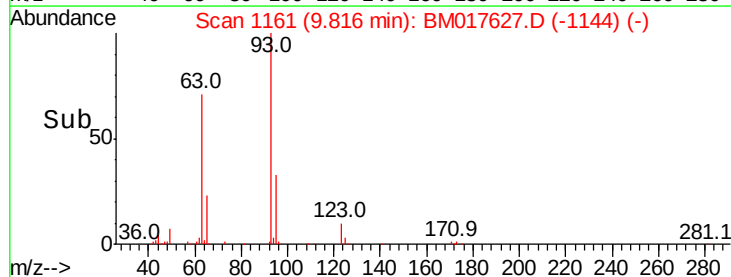
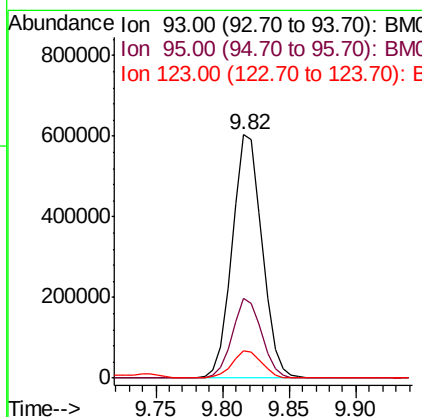
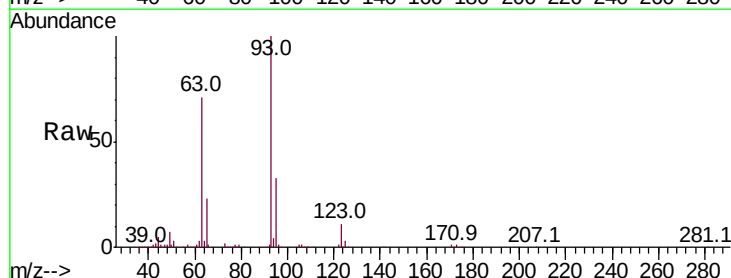
Manual Integrations
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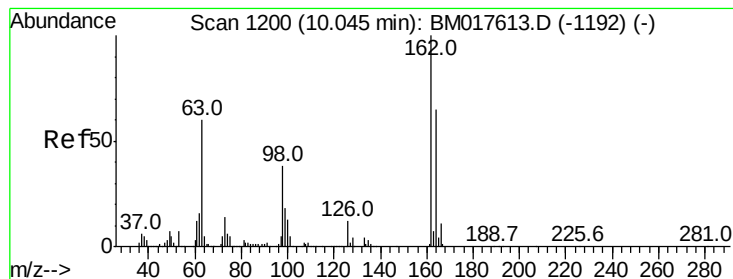
Sohil
 11/14/2018 5:18:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.026 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	946078		
95	32.8	24.9	37.3	
123	11.2	8.7	13.1	





#29

2,4-Dichlorophenol

Concen: 52.628 ng

RT: 10.05 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

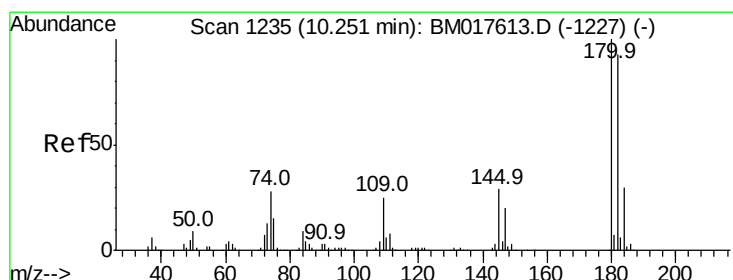
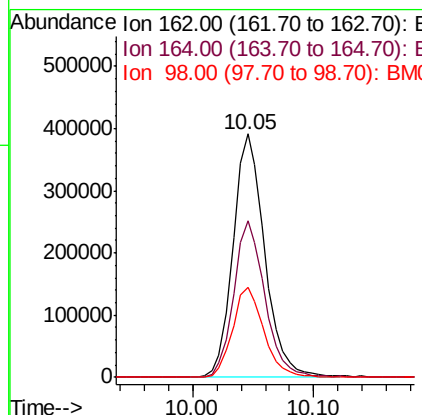
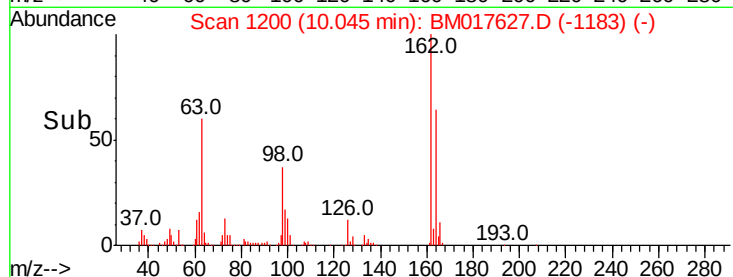
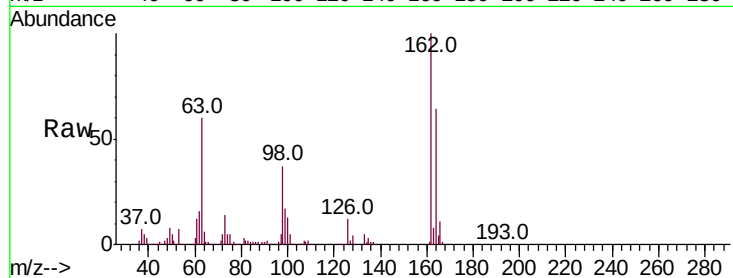
ClientSampleId :

OR-01-111218-AMSD

Tot Ion:	162	Resp:	715295
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.0	85.0
98	37.0	17.5	57.5

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#30

1,2,4-Trichlorobenzene

Concen: 47.415 ng

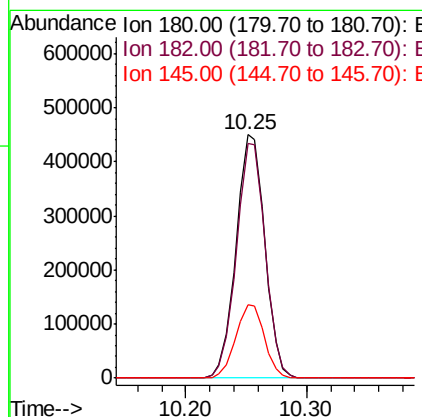
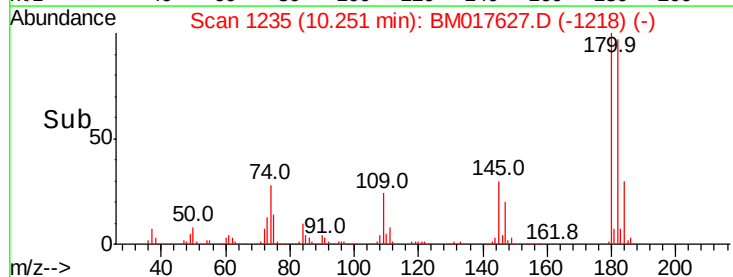
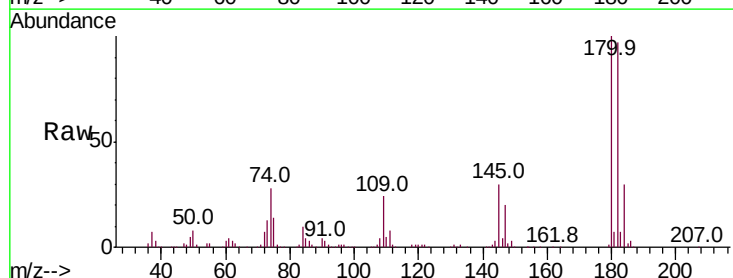
RT: 10.25 min Scan# 1235

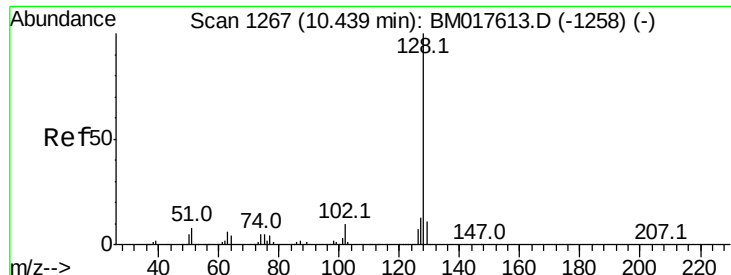
Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	180	Resp:	749521
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.4	111.6
145	30.3	23.5	35.3





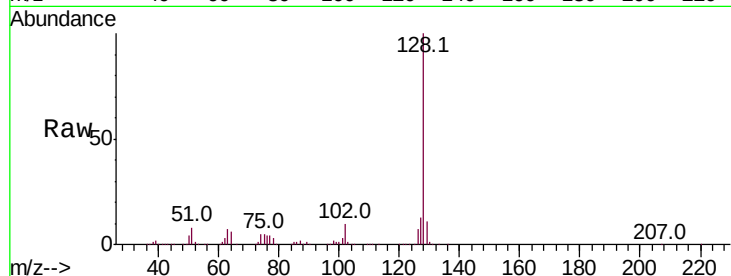
#31
Naphthalene
Concen: 52.053 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

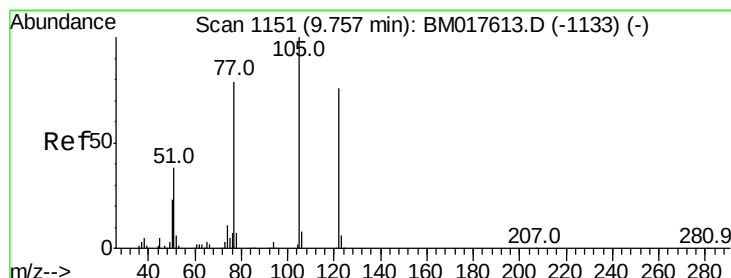
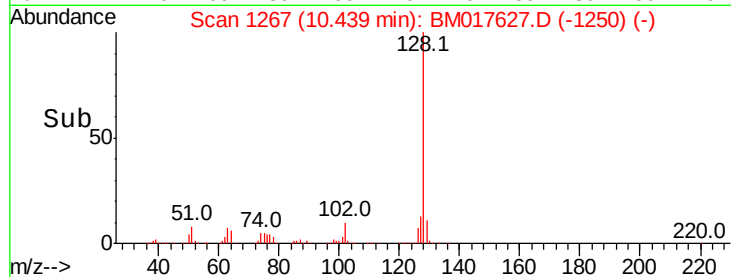
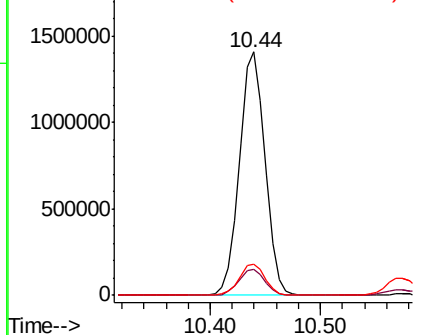
Tot Ion:128 Resp: 2296790
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.3 15.5

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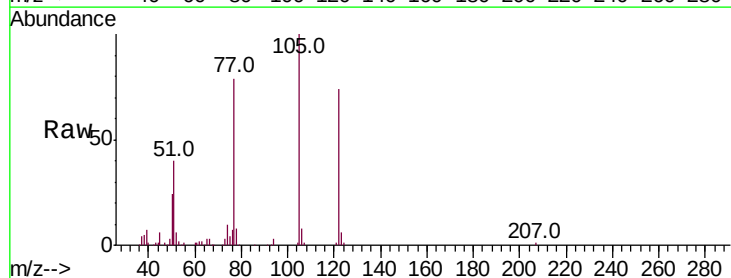


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

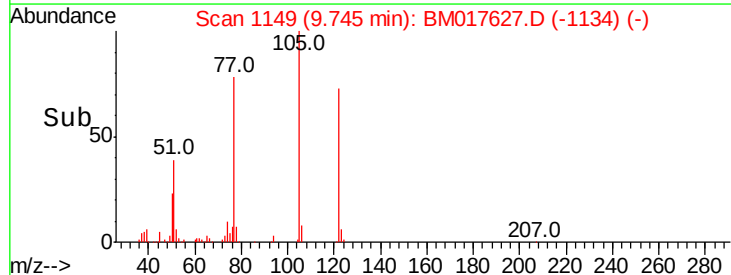
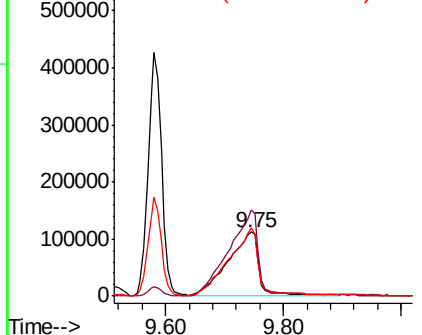


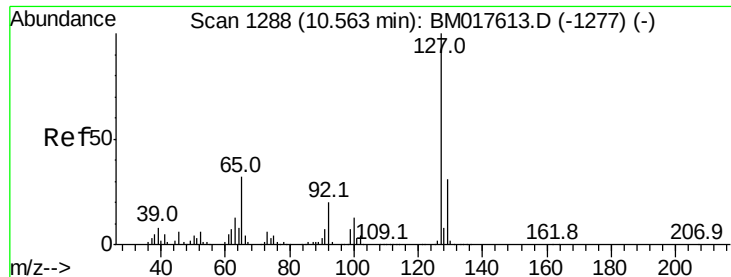
#32
Benzoic acid
Concen: 39.552 ng m
RT: 9.75 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion:122 Resp: 419484
Ion Ratio Lower Upper
122 100
105 134.4 109.1 149.1
77 106.1 82.1 122.1



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





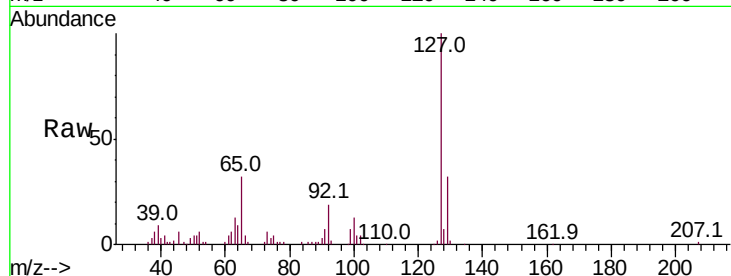
#33
4-Chloroaniline
Concen: 10.338 ng
RT: 10.57 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.0	37.4	
65	32.4	25.8	38.8	
92	18.9	15.8	23.6	

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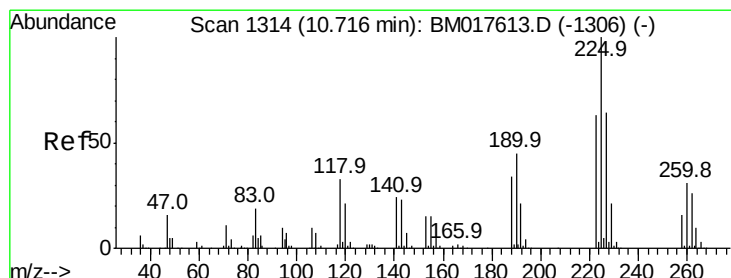
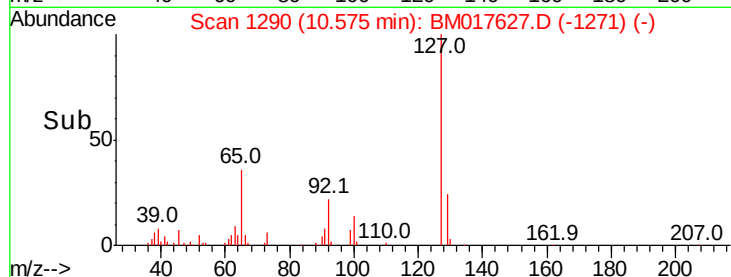
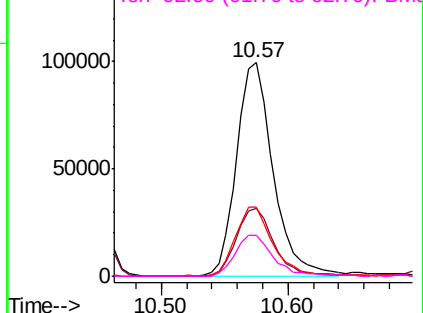
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

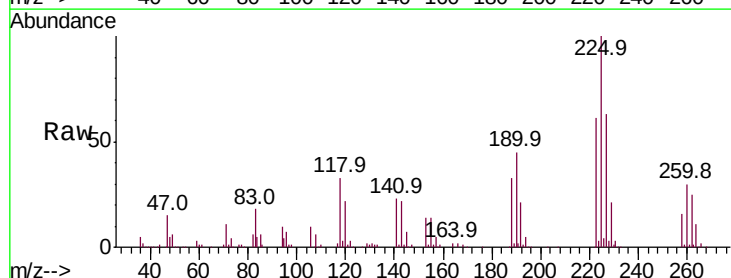
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 44.971 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.7	76.1	
227	63.2	51.0	76.4	

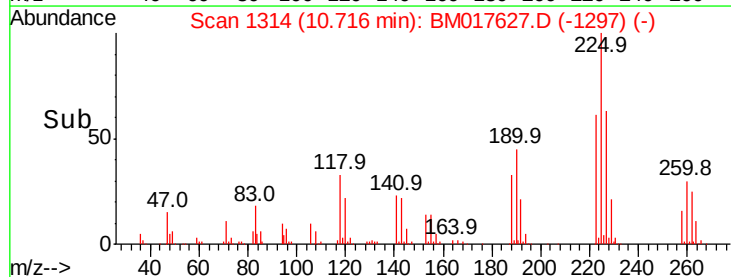
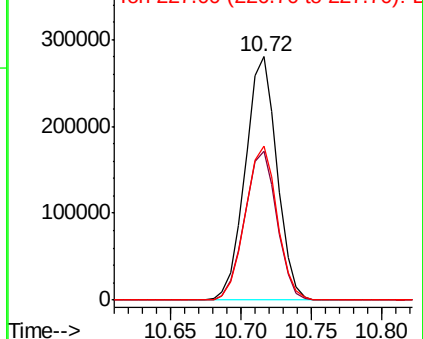


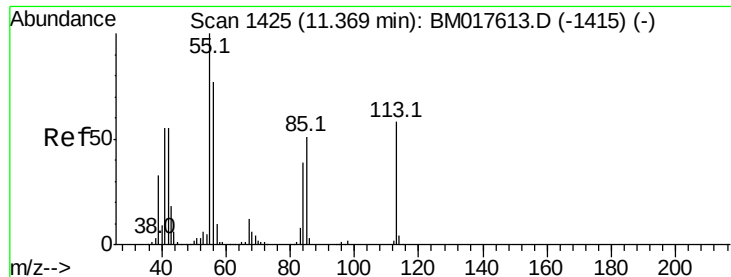
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





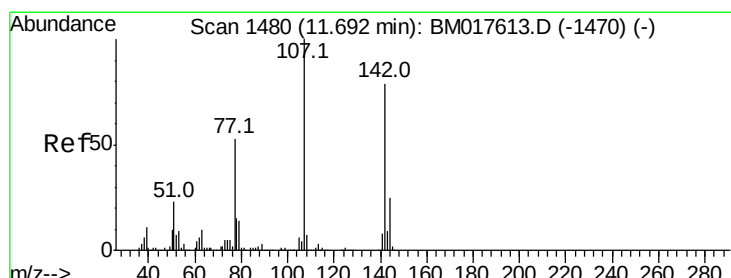
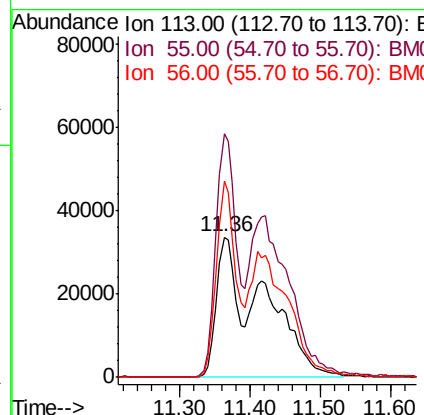
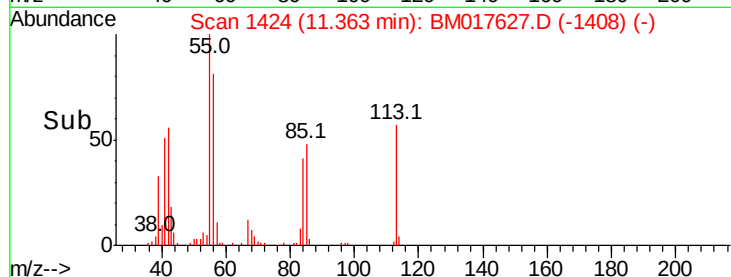
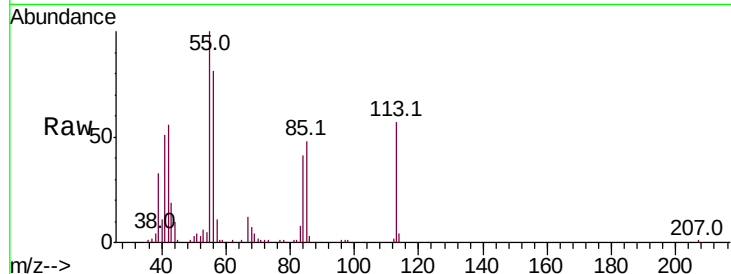
#35
 Caprolactam
 Concen: 30.419 ng/ml
 RT: 11.36 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.0	153.1	193.1
56	140.4	112.7	152.7

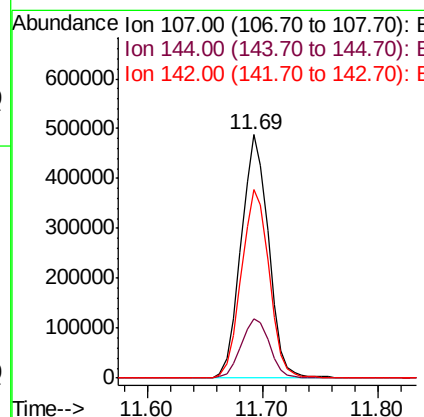
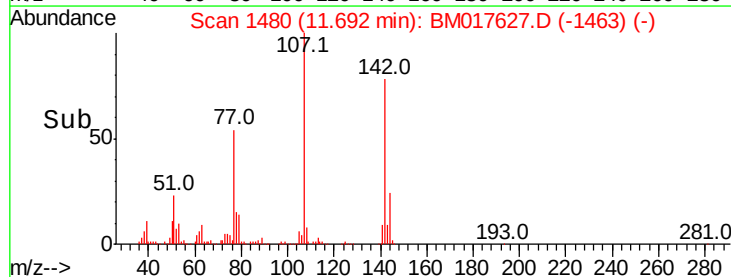
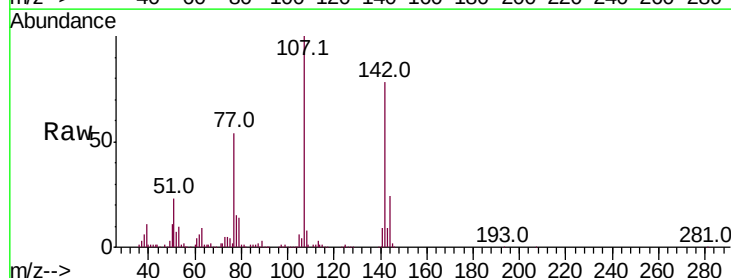
Manual Integrations
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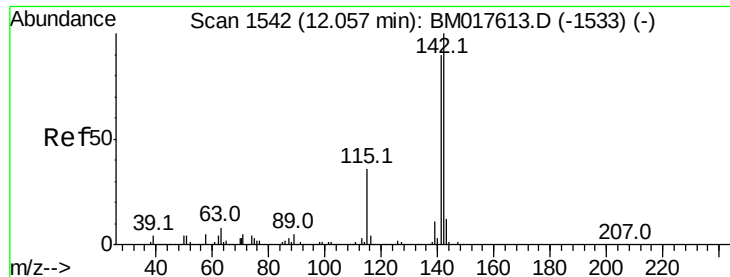
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 51.366 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.9	29.9
142	77.6	63.0	94.4





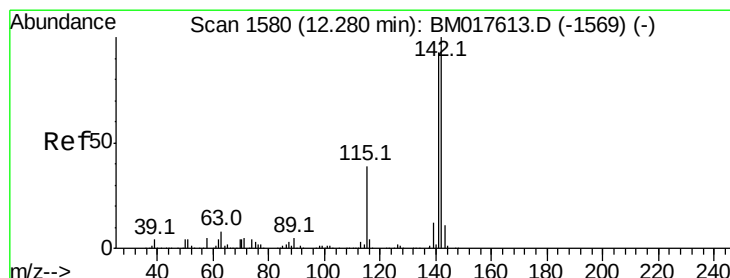
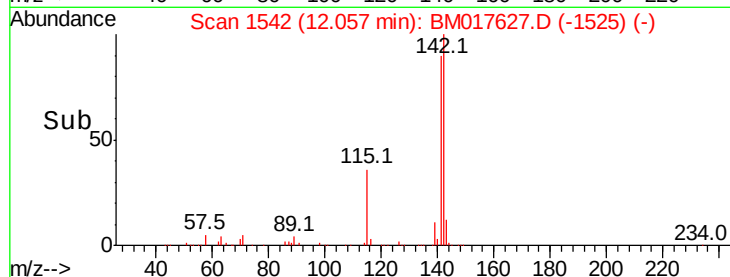
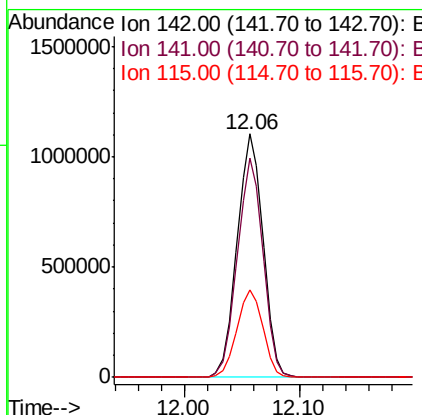
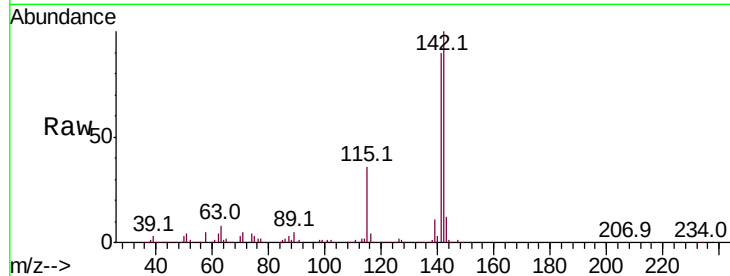
#37
 2-Methylnaphthalene
 Concen: 55.172 ng
 RT: 12.06 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4
115	35.8	28.5	42.7

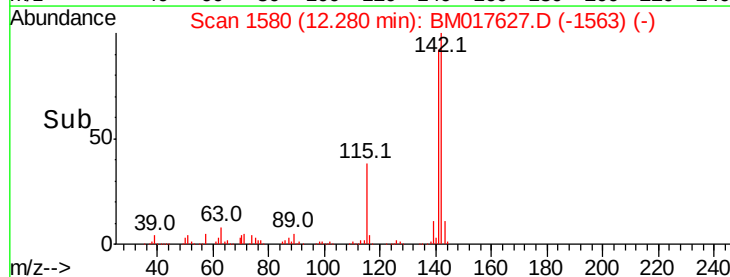
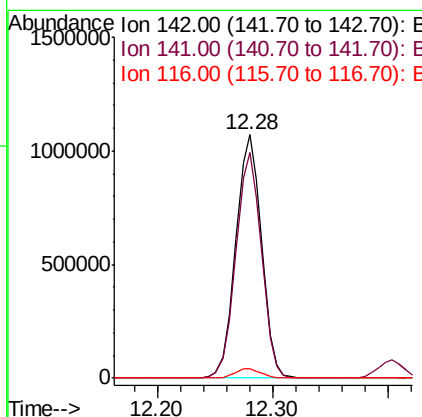
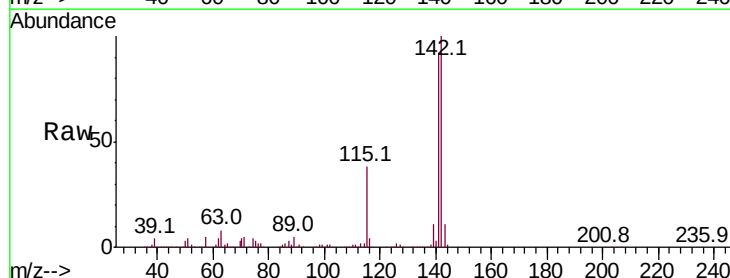
Manual Integrations
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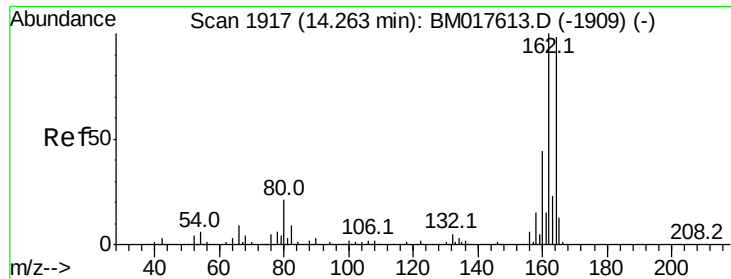
Sohil
 11/14/2018 5:18:15 PM



#38
 1-Methylnaphthalene
 Concen: 53.888 ng
 RT: 12.28 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

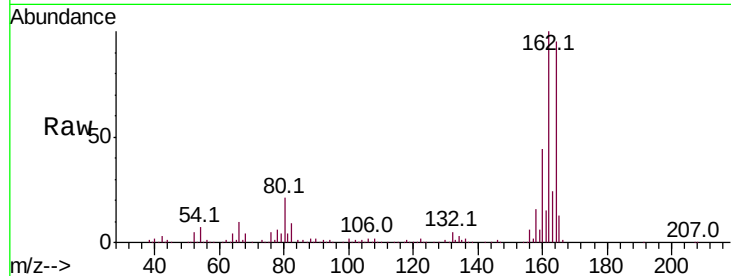
ClientSampleId :

OR-01-111218-AMSD

Tot Ion:	164	Resp:	535519
Ion Ratio	Lower	Upper	
164	100		
162	104.8	81.4	122.0
160	45.9	35.6	53.4

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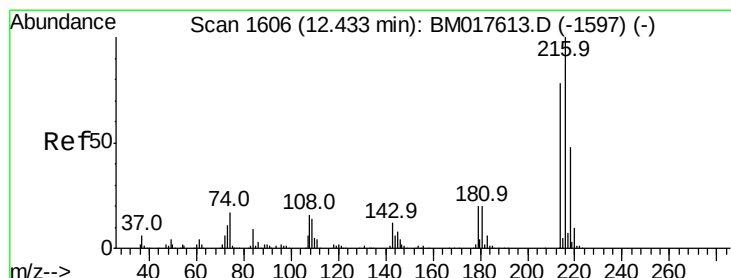
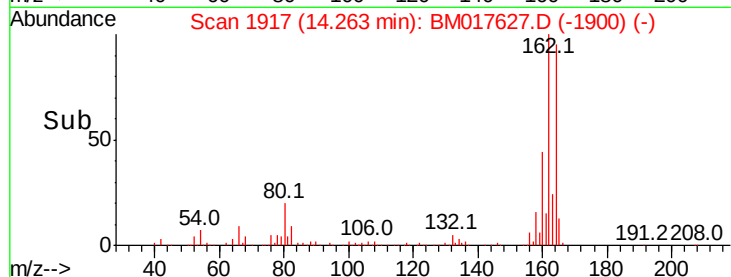
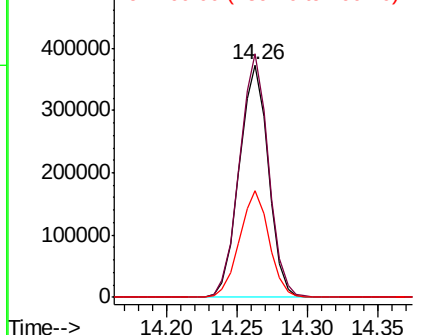


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.918 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	216	Resp:	886004
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.5	93.7
179	21.4	16.8	25.2
108	20.3	14.6	22.0

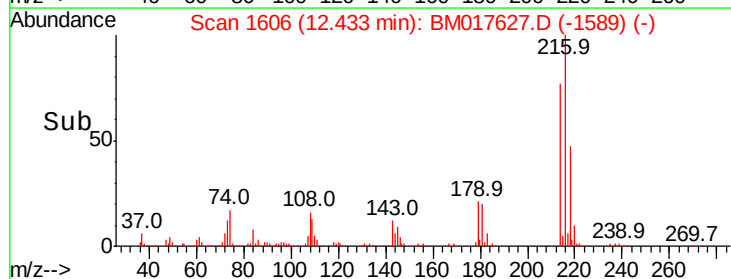
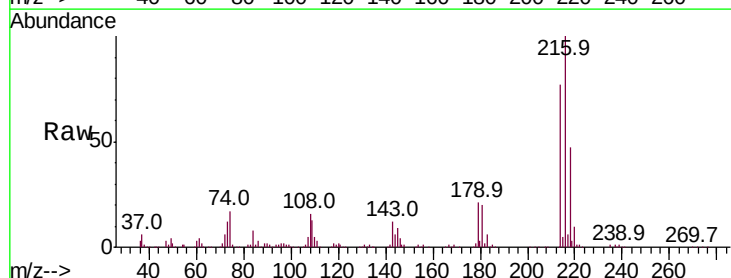
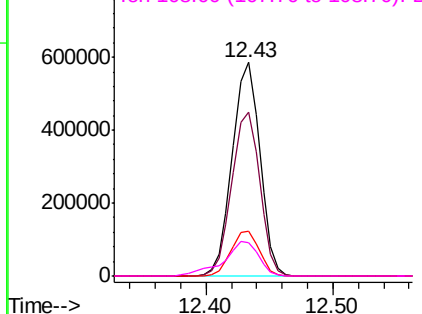
Abundance

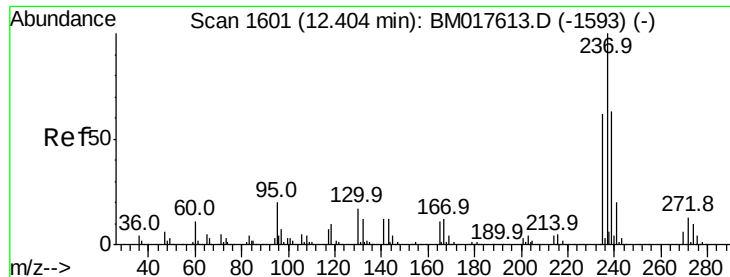
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





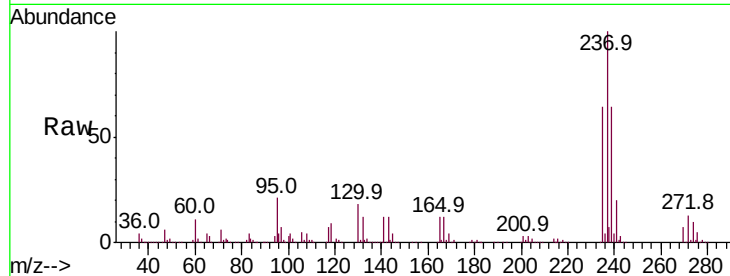
#41
Hexachlorocyclopentadiene
Concen: 105.281 ng
RT: 12.40 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

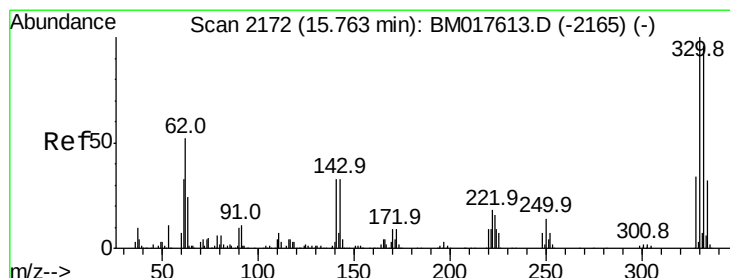
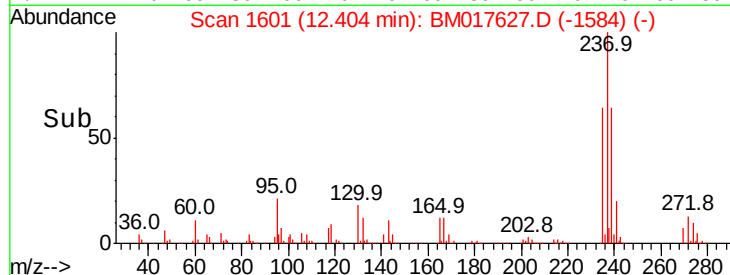
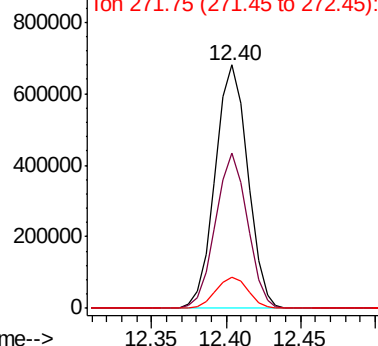
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.2	82.2
272	12.6	0.0	32.6

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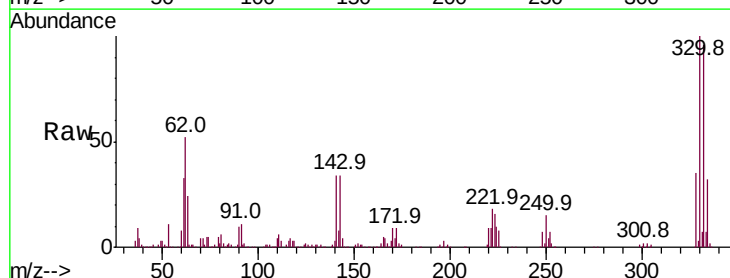


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

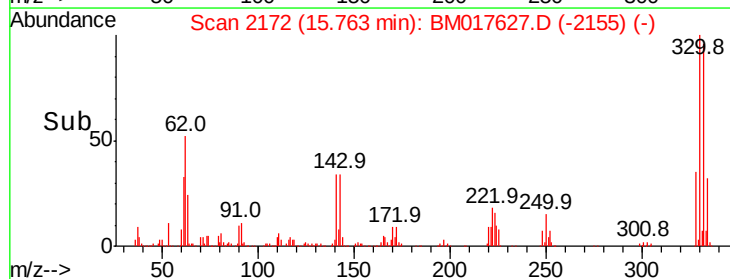
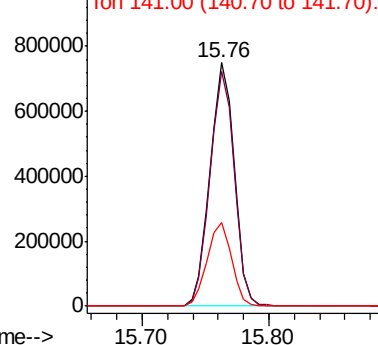


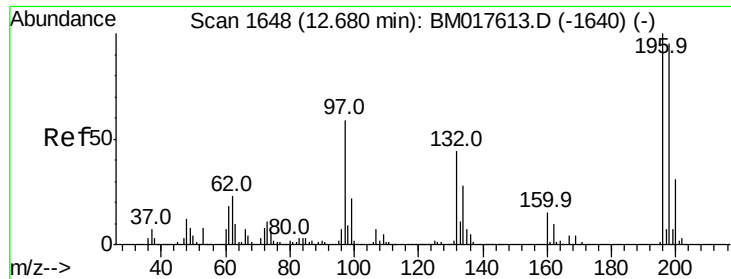
#42
2,4,6-Tribromophenol
Concen: 128.844 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.9	116.9
141	34.4	27.5	41.3



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





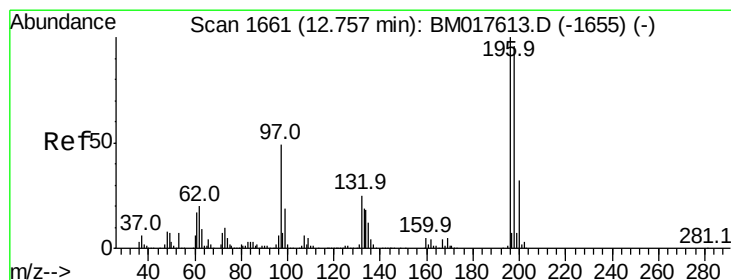
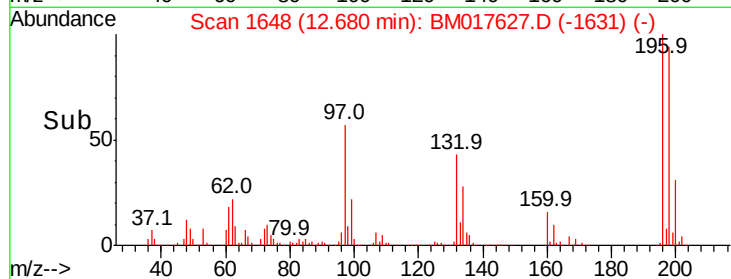
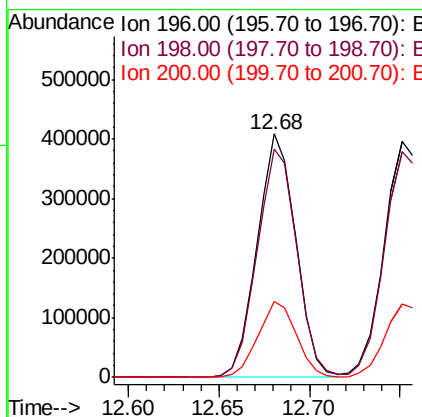
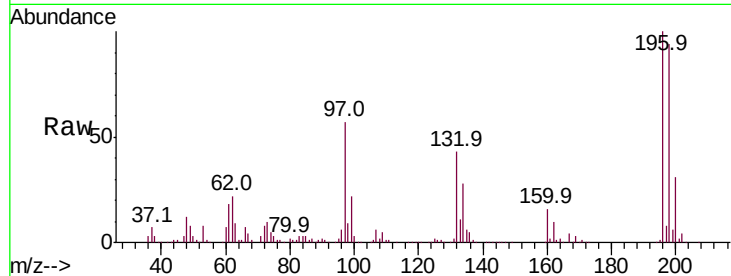
#43
 2,4,6-Trichlorophenol
 Concen: 51.166 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion:	196	Resp:	605198
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.6	113.4
200	31.3	24.8	37.2

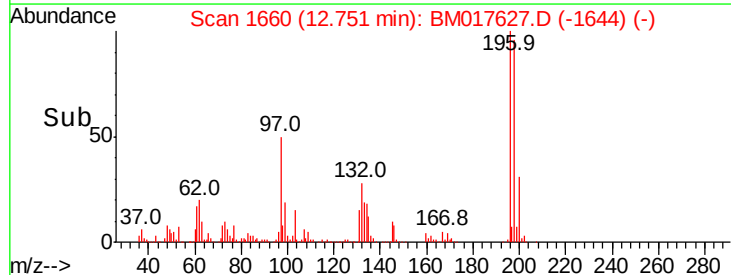
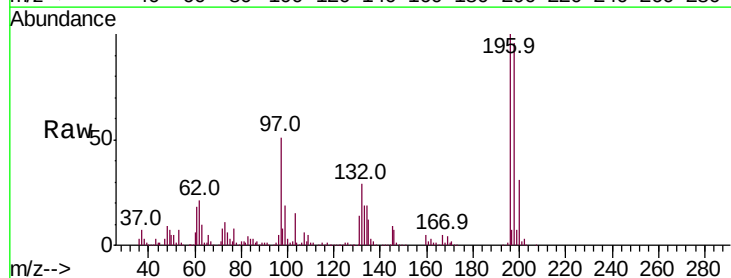
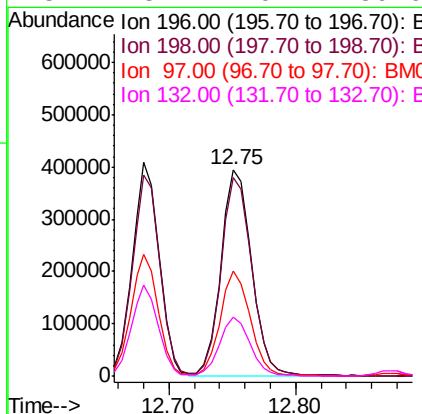
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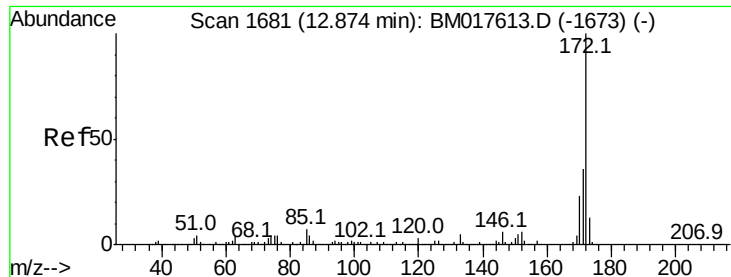
Sohil
 11/14/2018 5:18:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.487 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion:	196	Resp:	655518
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.8	115.2
97	50.8	39.0	58.6
132	28.7	20.4	30.6





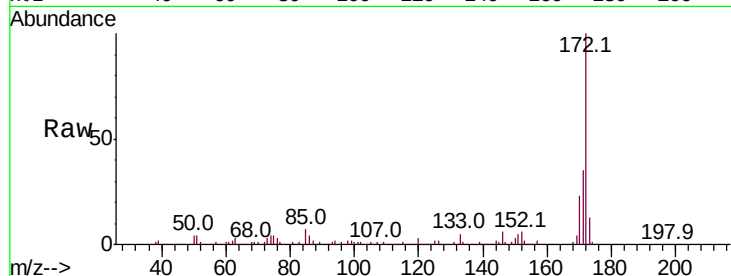
#45
2-Fluorobiphenyl
Concen: 78.895 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	22.8	18.3	27.5

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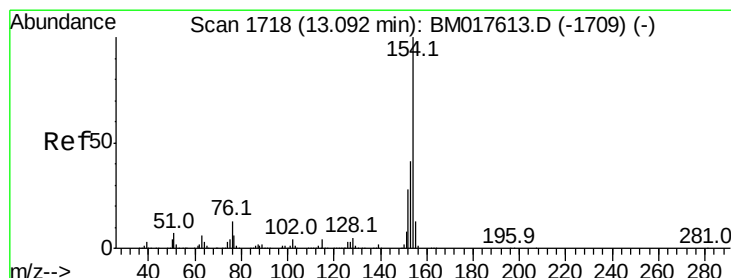
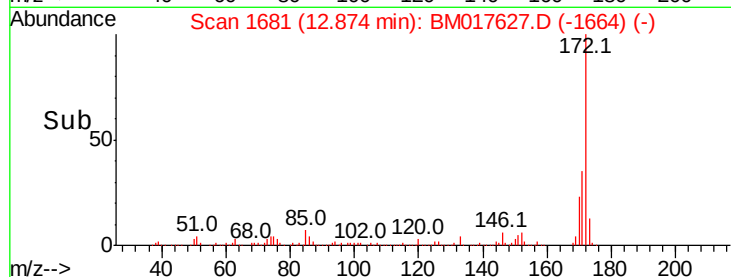
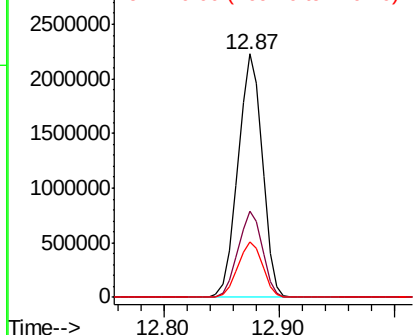


Abundance

Ion 172.00 (171.70 to 172.70): E

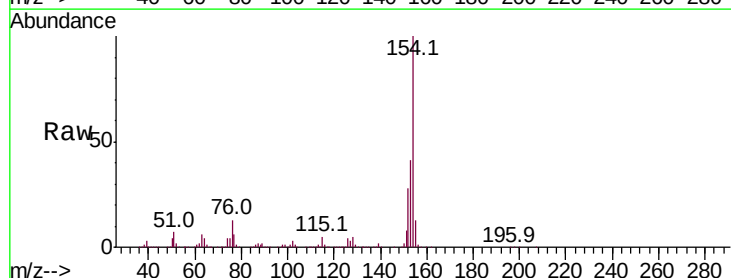
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.887 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.4	0.0	32.8

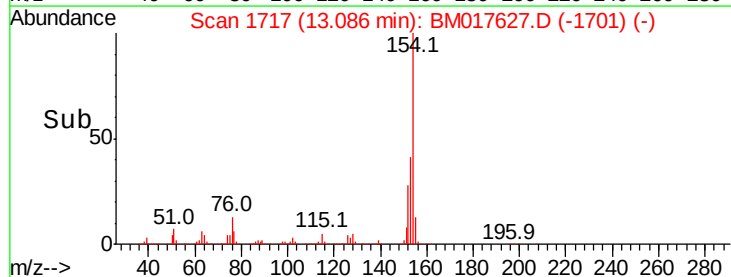
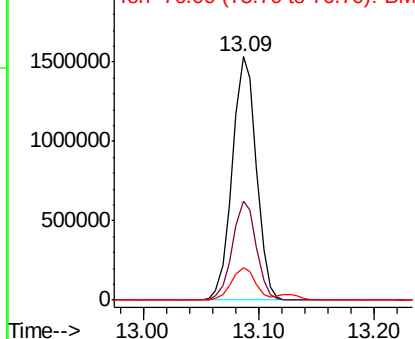


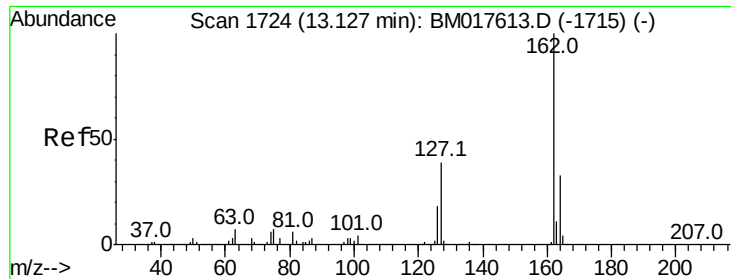
Abundance

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): BM





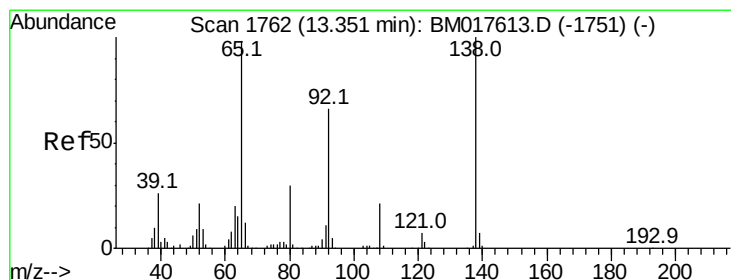
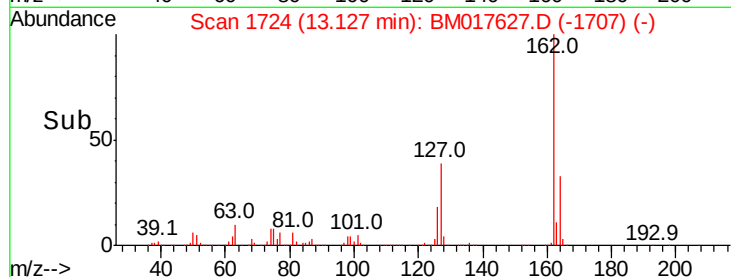
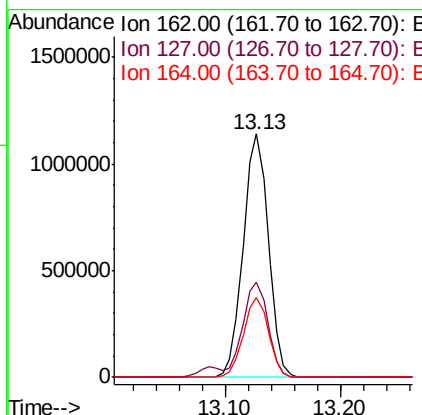
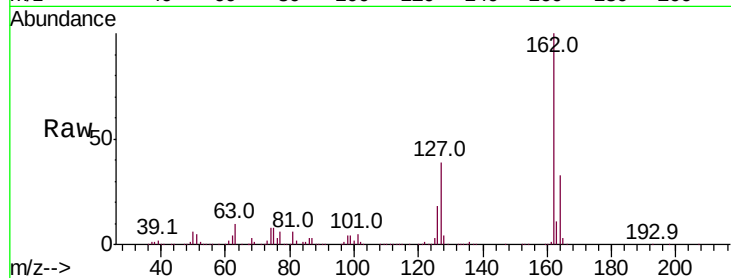
#47
 2-Chloronaphthalene
 Concen: 48.405 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	32.7	26.5	39.7

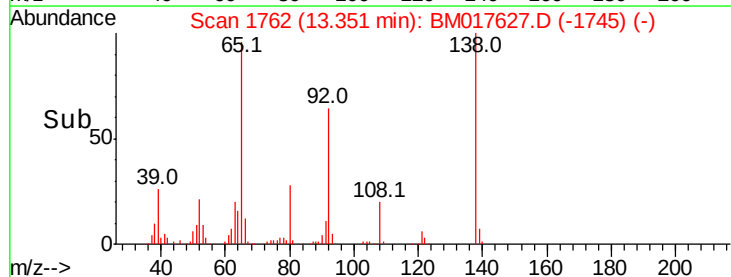
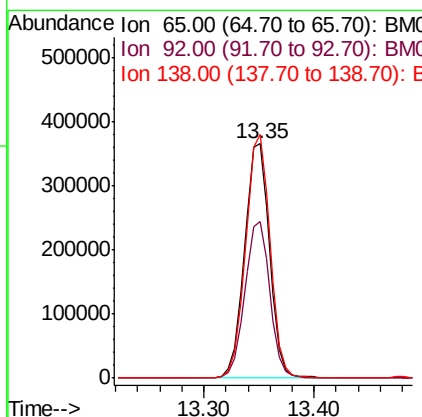
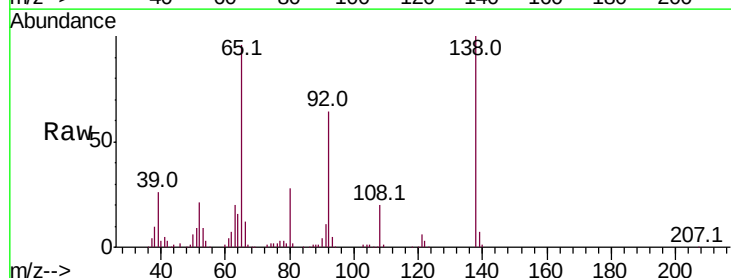
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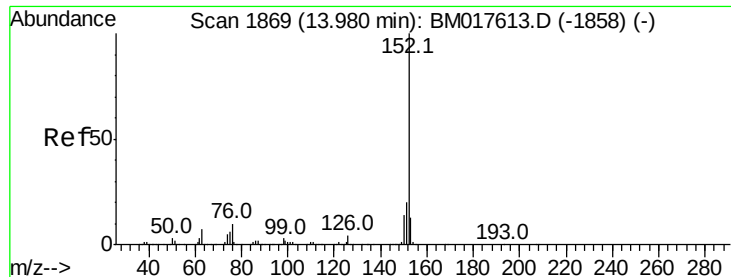
Sohil
 11/14/2018 5:18:15 PM



#48
 2-Nitroaniline
 Concen: 52.969 ng
 RT: 13.35 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.7	80.5
138	103.9	81.5	122.3





#49

Acenaphthylene

Concen: 53.553 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:152 Resp: 2870718

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

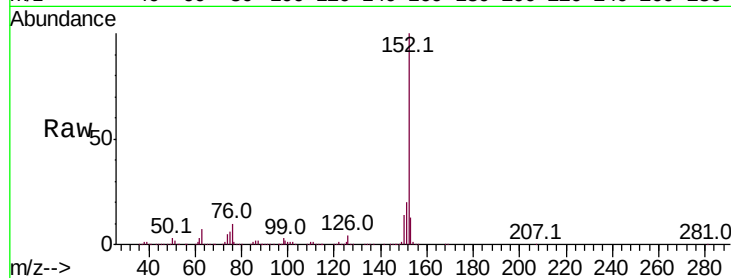
153 13.0 10.5 15.7

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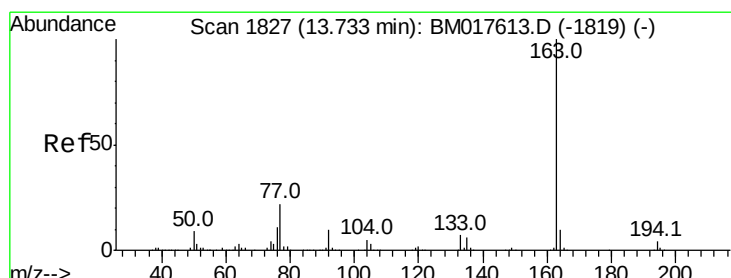
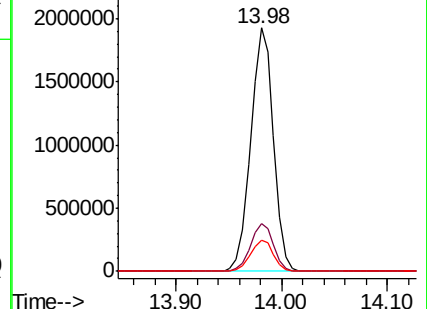
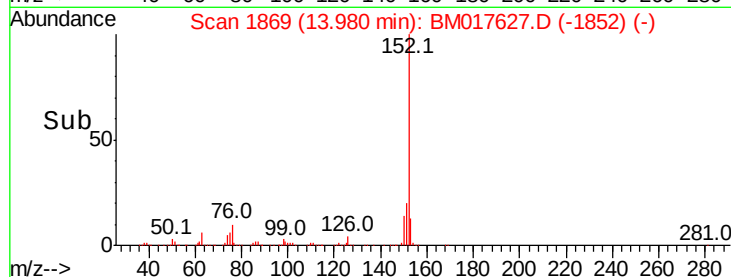
11/14/2018 5:18:15 PM



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: 51.551 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

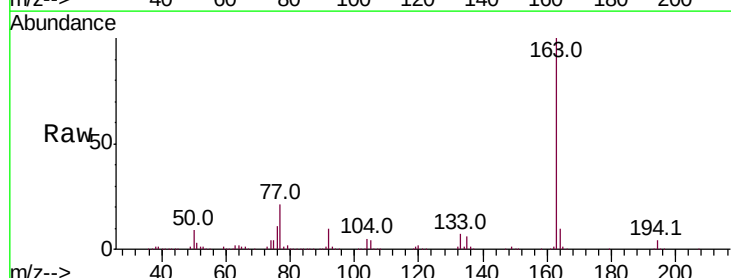
Tgt Ion:163 Resp: 2244527

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

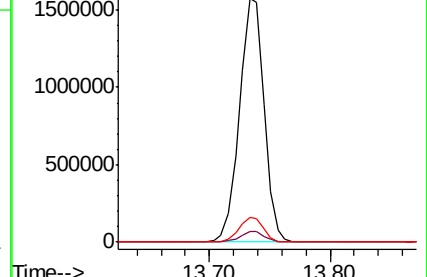
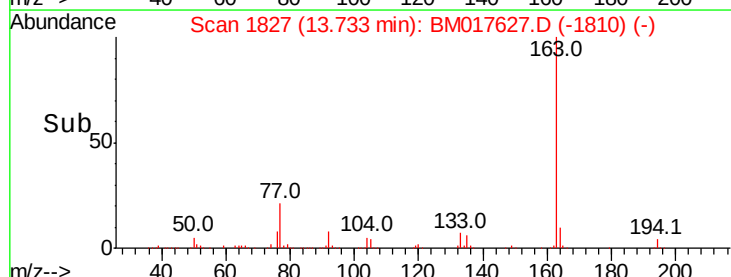
164 10.1 8.2 12.4

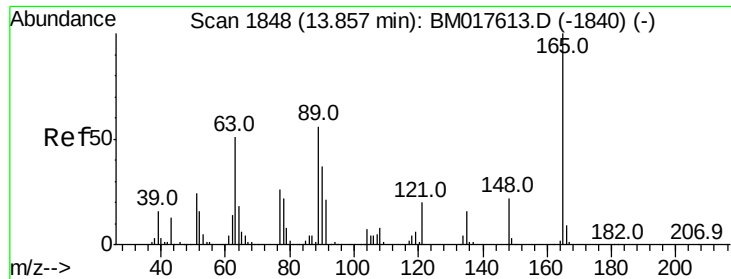


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.638 ng

RT: 13.86 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

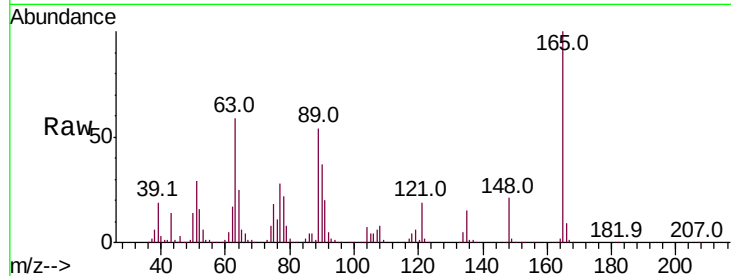
ClientSampleId :

OR-01-111218-AMSD

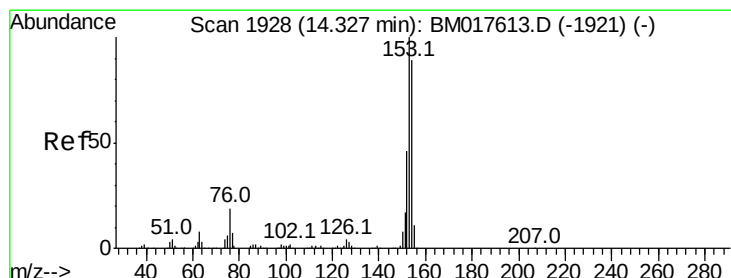
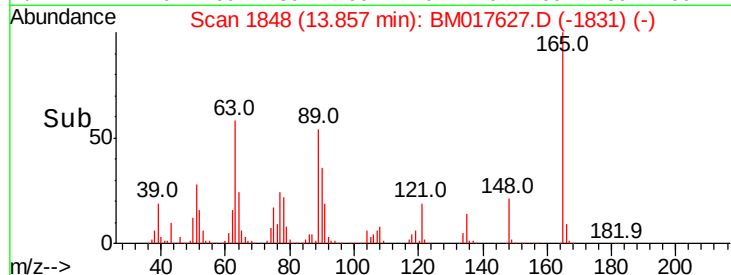
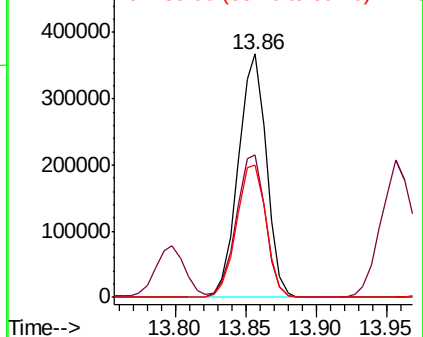
Tot Ion:	165	Resp:	510334
Ion Ratio	Lower	Upper	
165	100		
63	58.6	47.3	70.9
89	54.4	44.8	67.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 50.783 ng

RT: 14.33 min Scan# 1928

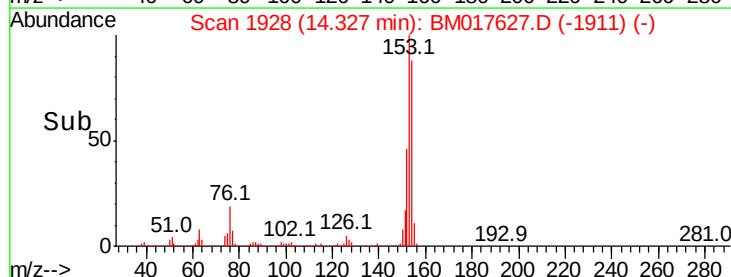
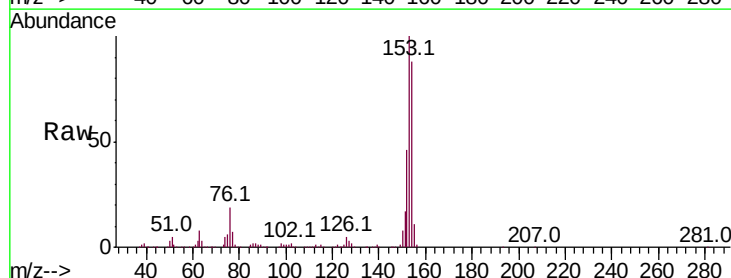
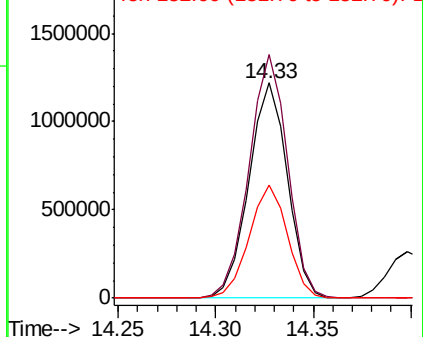
Delta R.T. -0.00 min

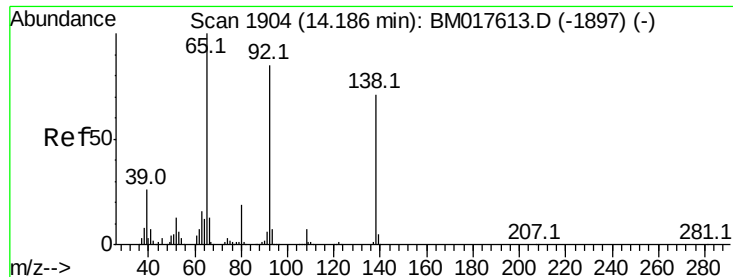
Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	154	Resp:	1670667
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.2	135.4
152	52.4	41.6	62.4

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





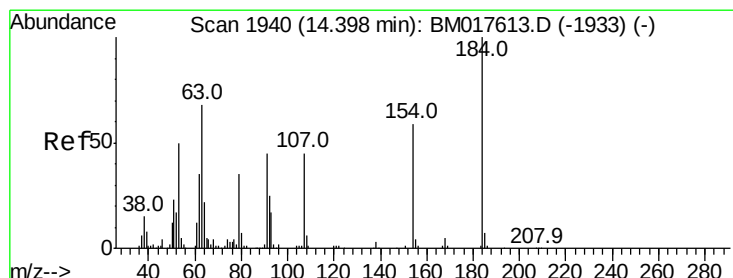
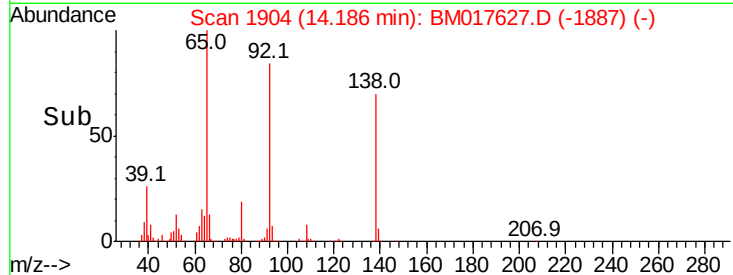
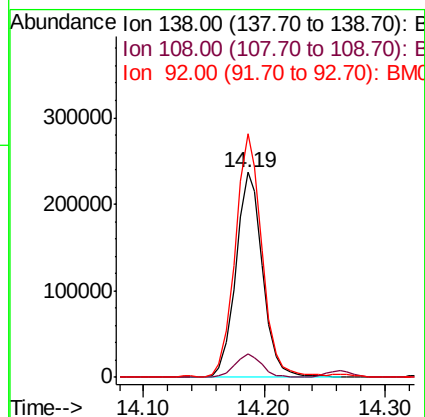
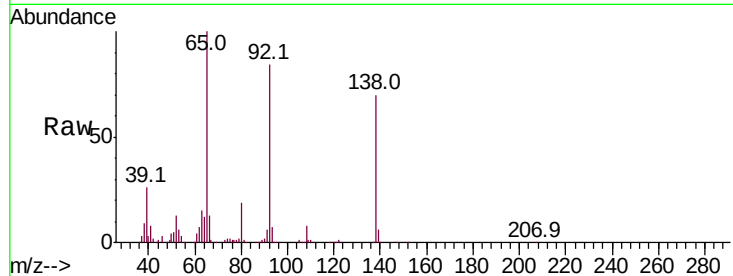
#53
3-Nitroaniline
Concen: 34.704 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.4	8.2	12.2	
92	119.0	95.4	143.2	

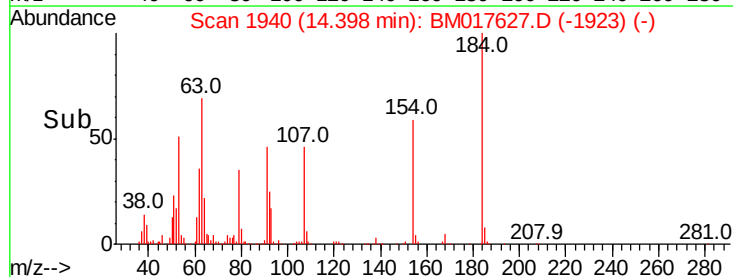
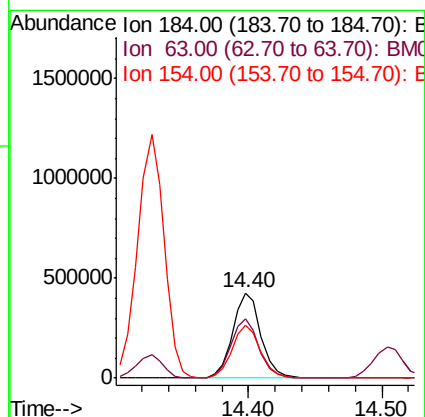
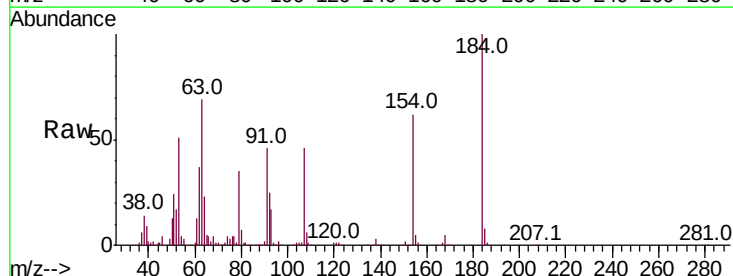
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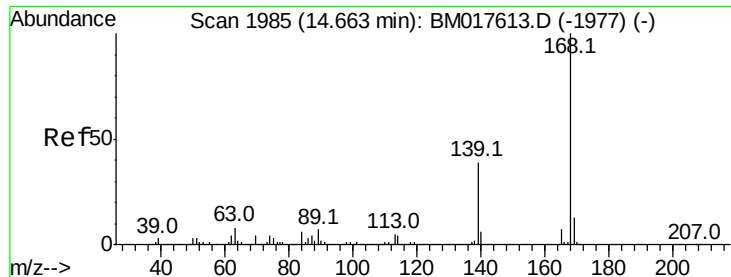
Sohil
11/14/2018 5:18:15 PM



#54
2,4-Dinitrophenol
Concen: 103.902 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.4	55.1	82.7	
154	61.6	51.3	76.9	





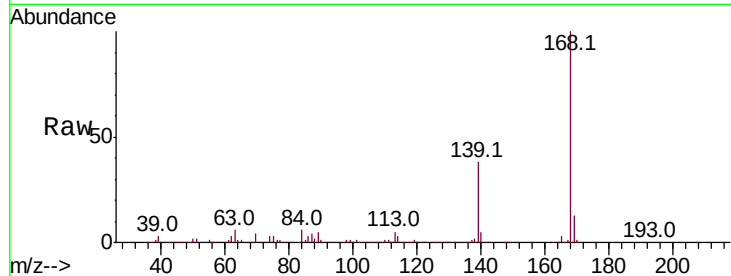
#55
Dibenzofuran
Concen: 50.280 ng
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

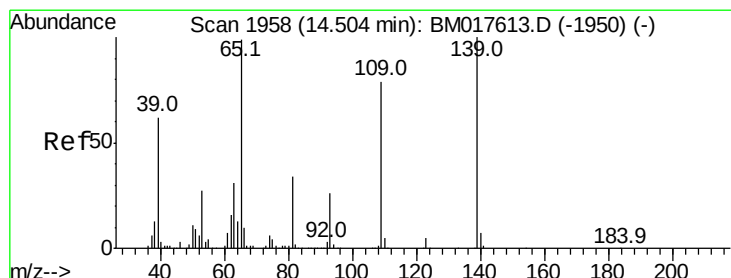
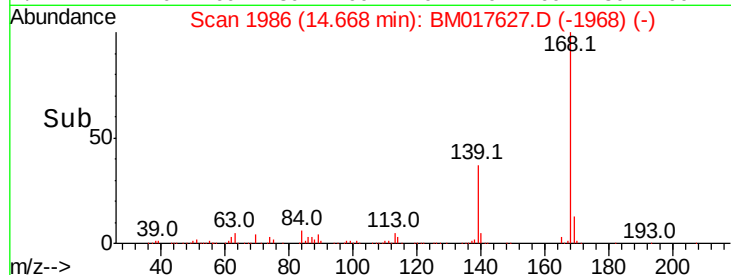
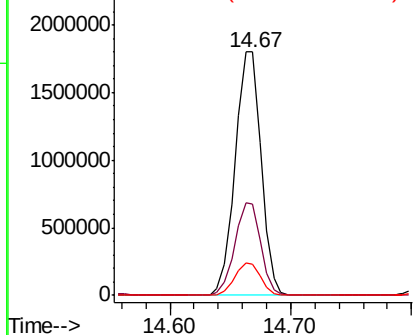
Tot Ion:168 Resp: 2703137
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 12.9 10.6 16.0

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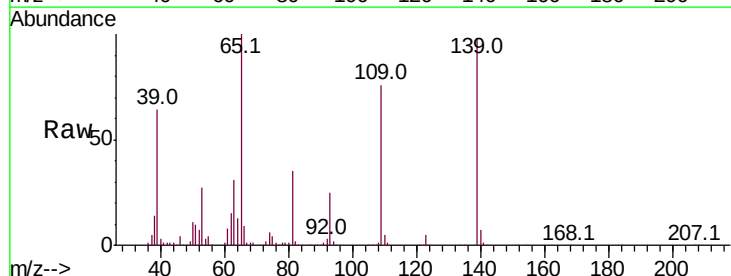


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

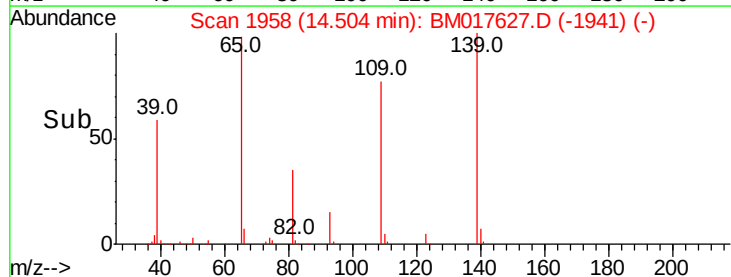
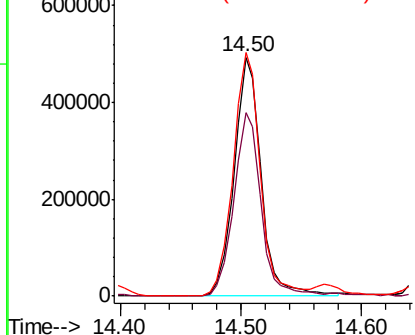


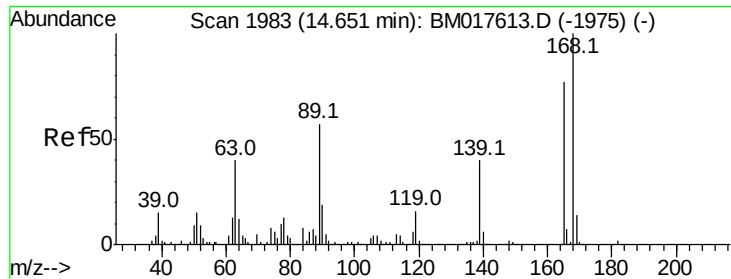
#56
4-Nitrophenol
Concen: 86.205 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion:139 Resp: 768502
Ion Ratio Lower Upper
139 100
109 76.9 58.6 98.6
65 101.9 79.5 119.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#57

2,4-Dinitrotoluene

Concen: 56.284 ng

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

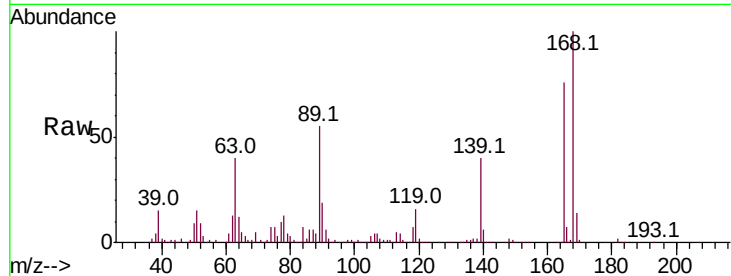
ClientSampleId :

OR-01-111218-AMSD

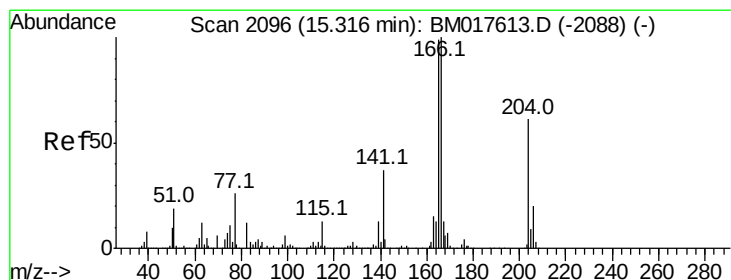
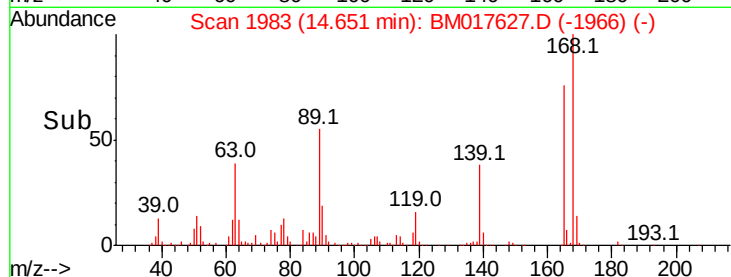
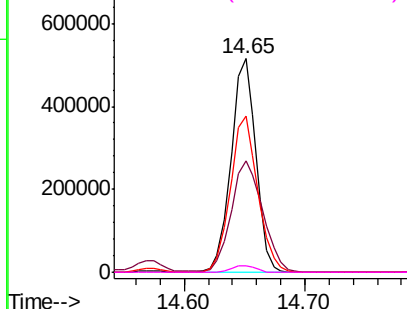
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.3	41.8	62.8	
89	73.0	59.5	89.3	
182	2.9	2.3	3.5	

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Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 54.787 ng

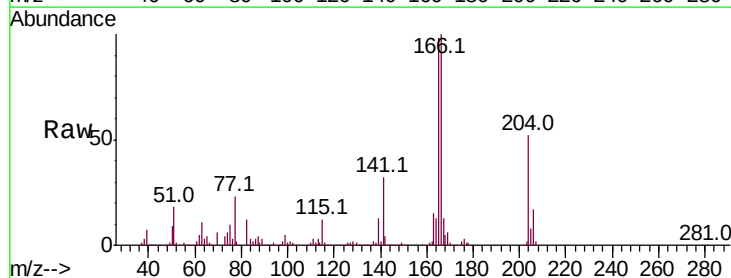
RT: 15.32 min Scan# 2096

Delta R.T. -0.00 min

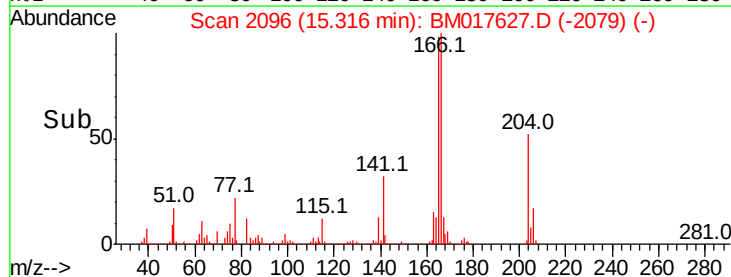
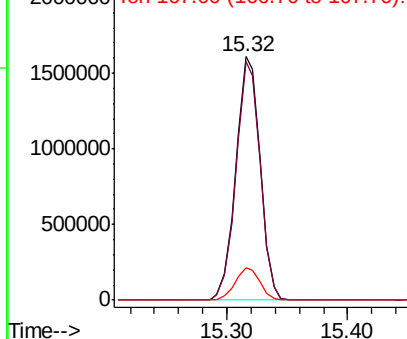
Lab File: BM017627.D

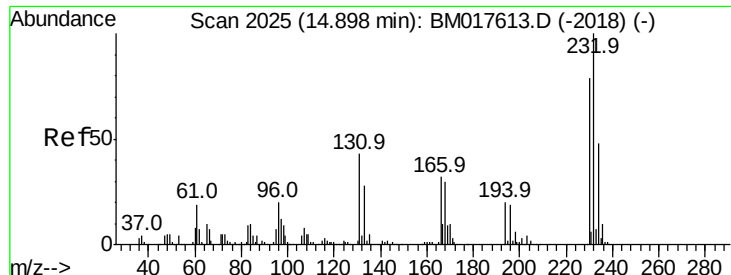
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	79.0	118.6	
167	13.4	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.401 ng

RT: 14.90 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:232 Resp: 624912

Ion Ratio Lower Upper

232 100

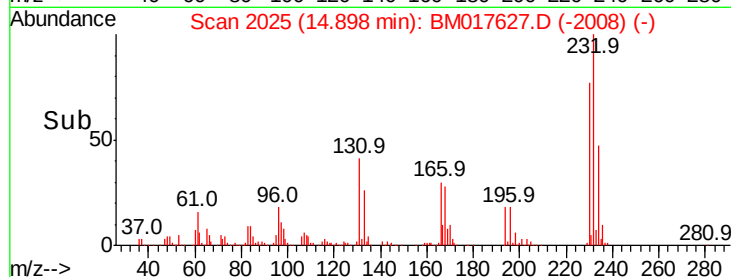
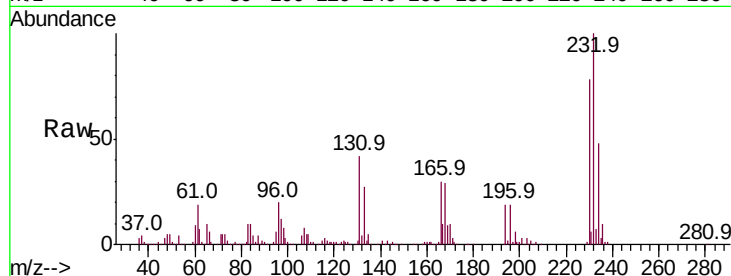
131 44.5 34.8 52.2

130 2.4 1.9 2.9

166 32.1 25.3 37.9

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:15 PM



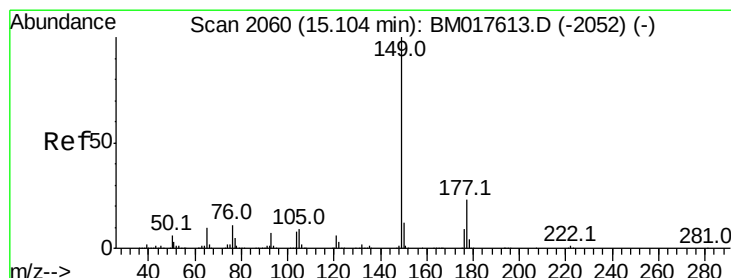
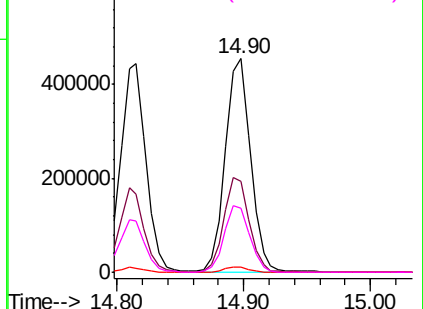
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 49.261 ng

RT: 15.10 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

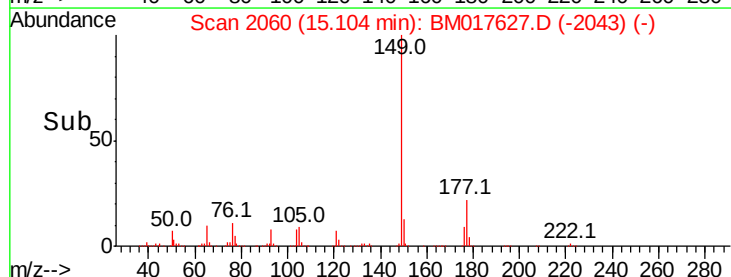
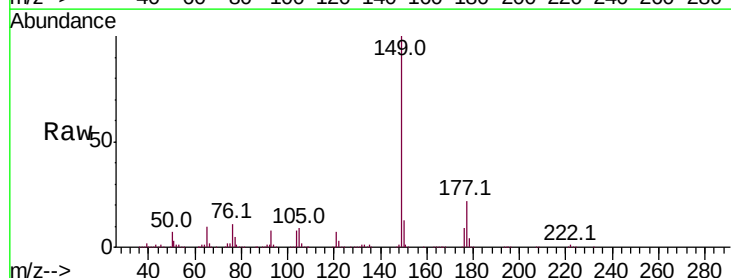
Tgt Ion:149 Resp: 2317426

Ion Ratio Lower Upper

149 100

177 21.7 18.1 27.1

150 12.6 9.9 14.9

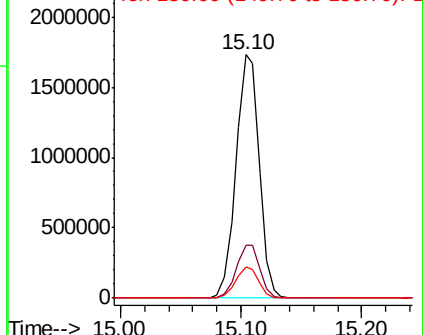


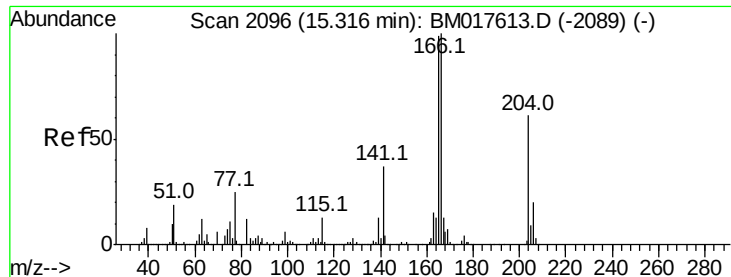
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61
 4-Chlorophenyl-phenylether
 Concen: 48.260 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

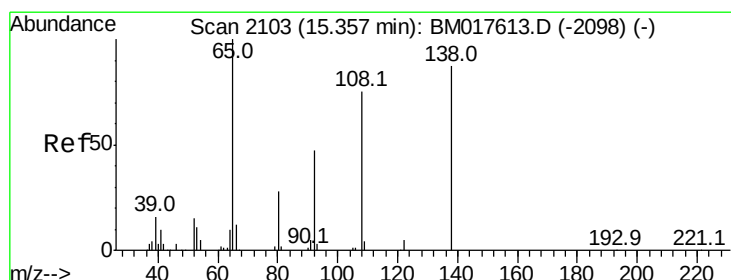
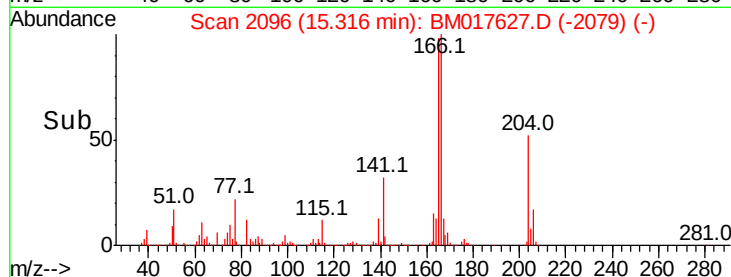
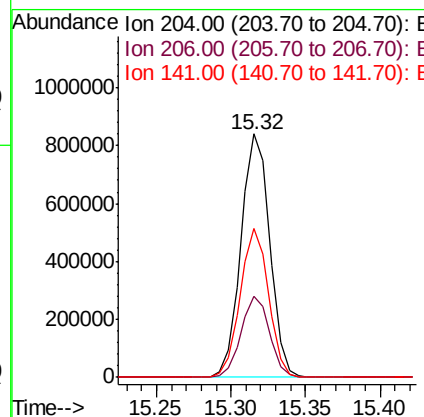
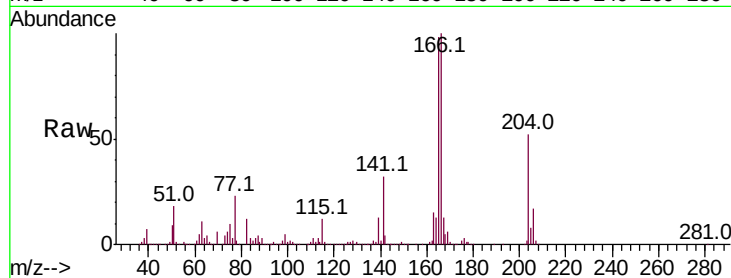
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion:204 Resp: 1128500

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	61.1	47.9	71.9

Manual Integrations
 APPROVED

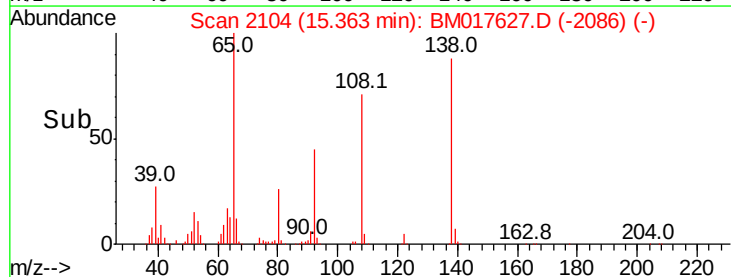
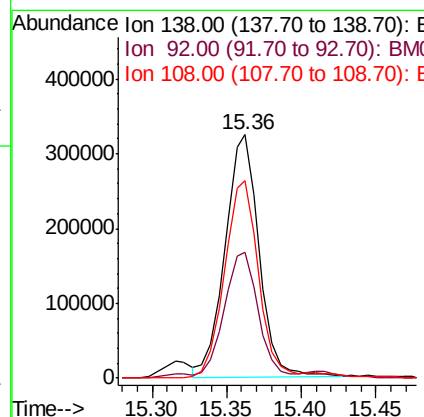
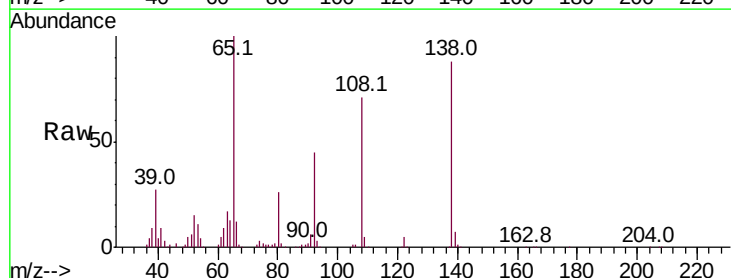
Sohil
 11/14/2018 5:18:15 PM

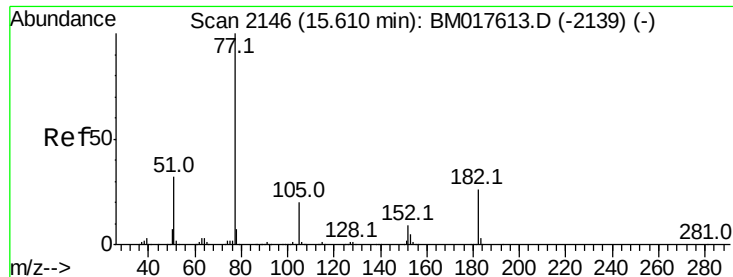


#62
 4-Nitroaniline
 Concen: 51.775 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion:138 Resp: 515060

Ion	Ratio	Lower	Upper
138	100		
92	51.5	33.4	73.4
108	80.9	64.3	104.3





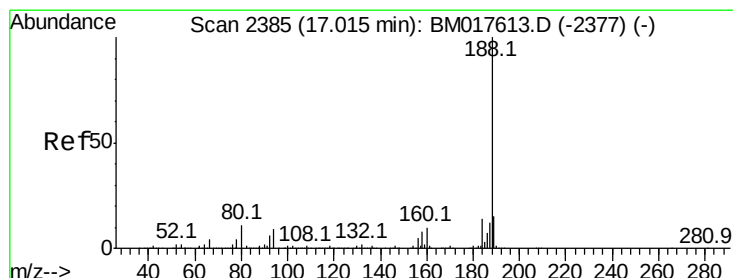
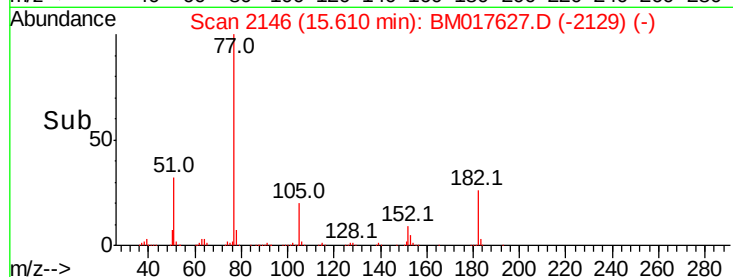
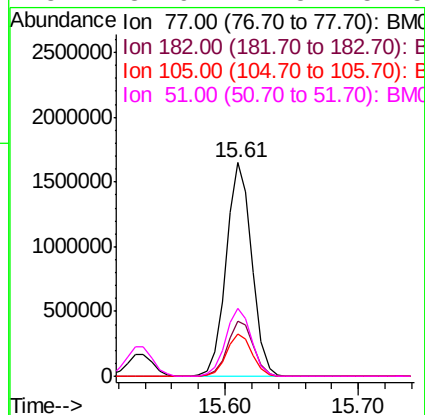
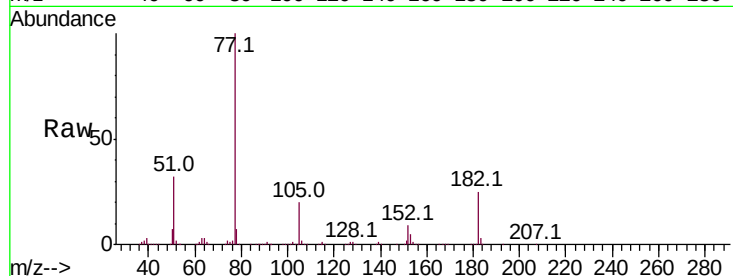
#63
Azobenzene
Concen: 50.973 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	77	Resp	2216748
Ion	Ratio	Lower	Upper
77	100		
182	25.5	5.8	45.8
105	19.9	0.0	40.0
51	31.9	12.5	52.5

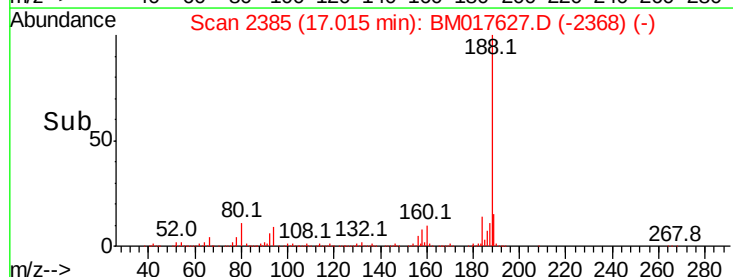
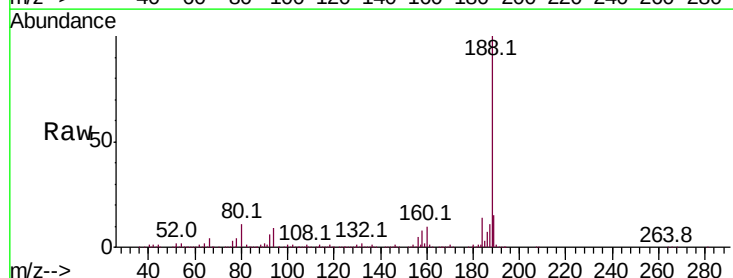
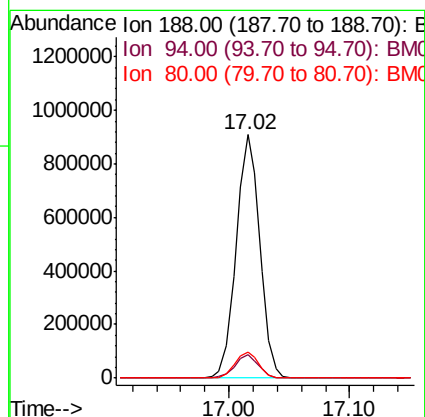
Manual Integrations
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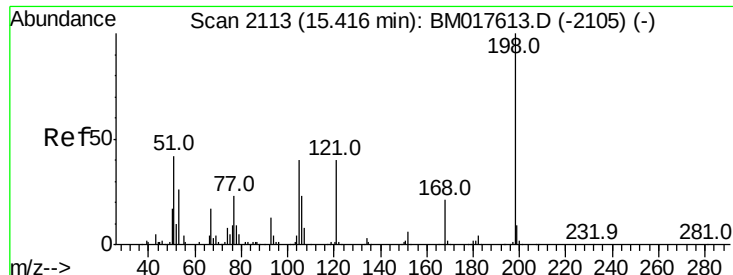
Sohil
11/14/2018 5:18:15 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	188	Resp	1241057
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.6	8.6	13.0





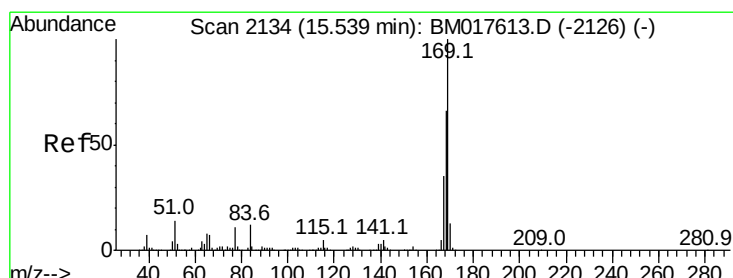
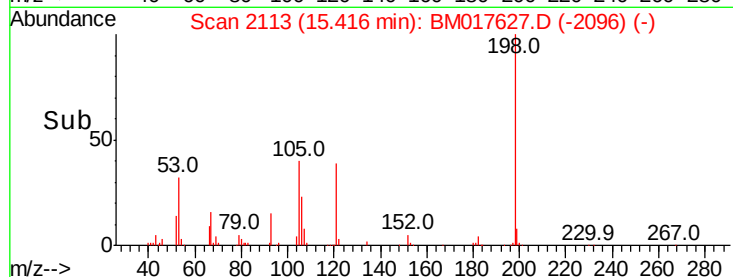
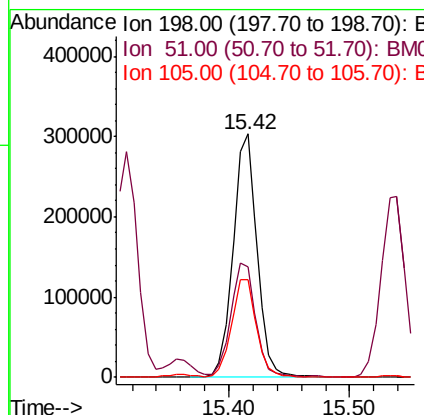
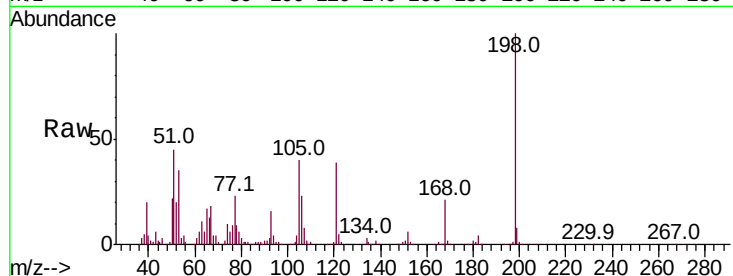
#65
4,6-Dinitro-2-methylphenol
Concen: 48.725 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	418907		
51	45.4	25.9	65.9	
105	40.2	20.6	60.6	

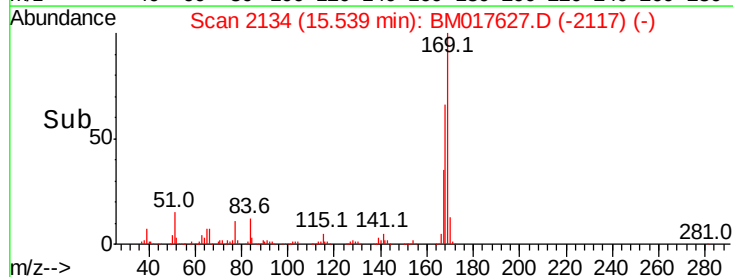
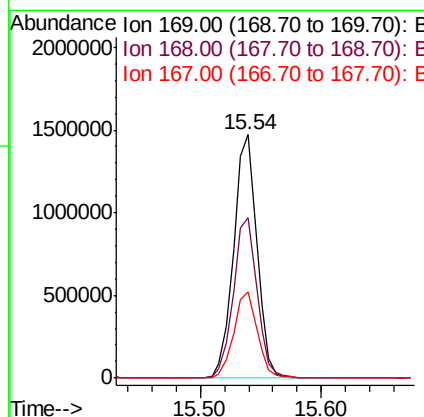
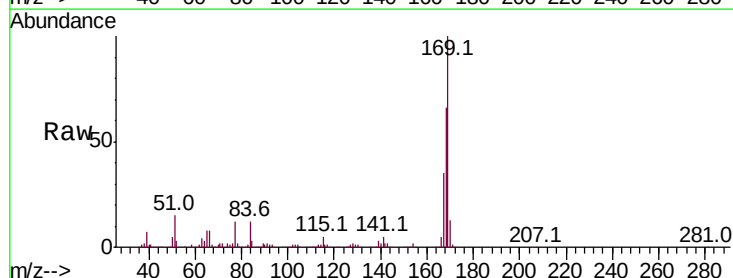
Manual Integrations
APPROVED

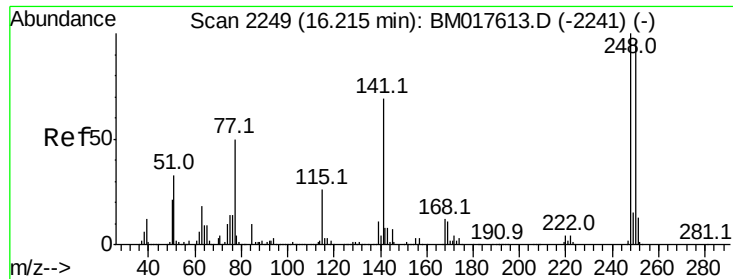
Sohil
11/14/2018 5:18:15 PM



#66
n-Nitrosodiphenylamine
Concen: 49.682 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1982365		
168	65.9	53.0	79.6	
167	35.4	28.0	42.0	





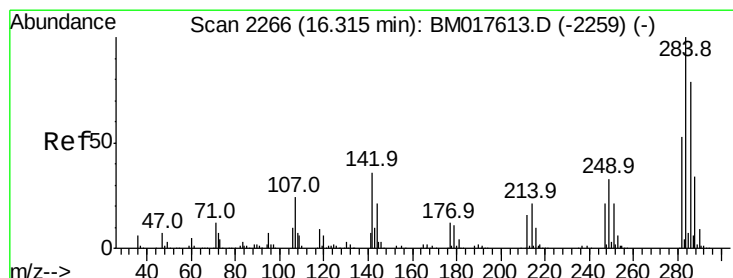
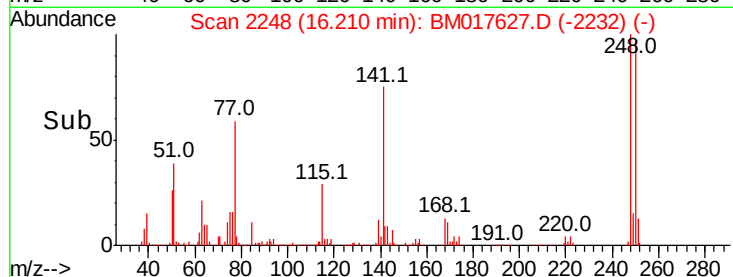
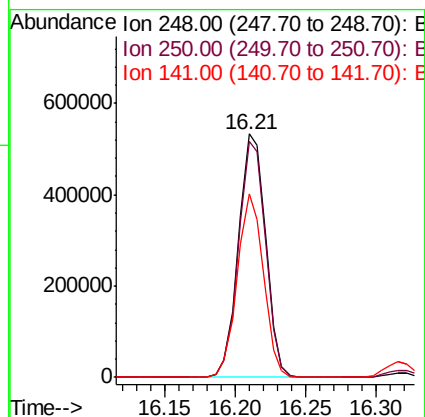
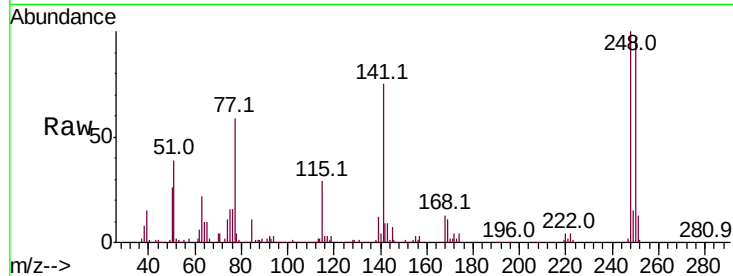
#67
4-Bromophenyl-phenylether
Concen: 48.755 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.5	114.7
141	75.2	54.9	82.3

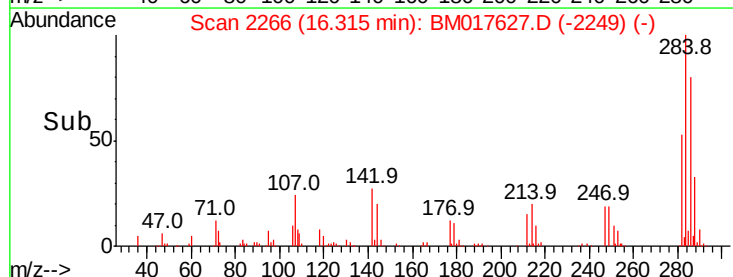
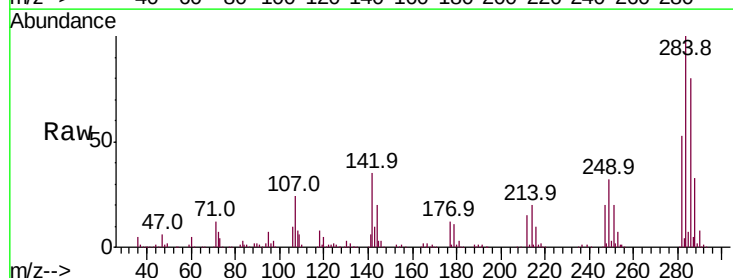
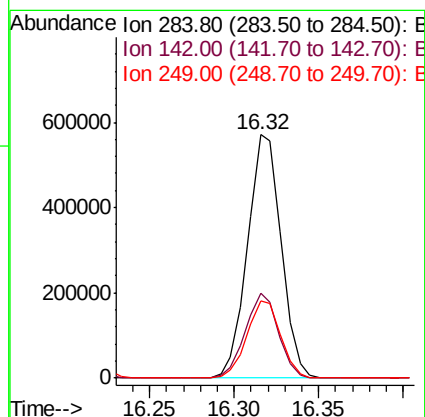
Manual Integrations
APPROVED

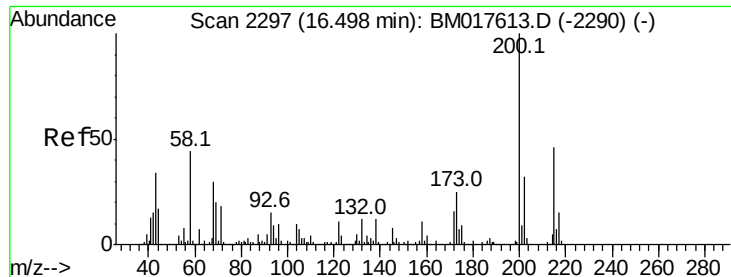
Sohil
11/14/2018 5:18:15 PM



#68
Hexachlorobenzene
Concen: 48.047 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.4	42.6
249	31.6	26.4	39.6





#69

Atrazine

Concen: 49.573 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:200 Resp: 727523

Ion Ratio Lower Upper

200 100

173 26.7 5.1 45.1

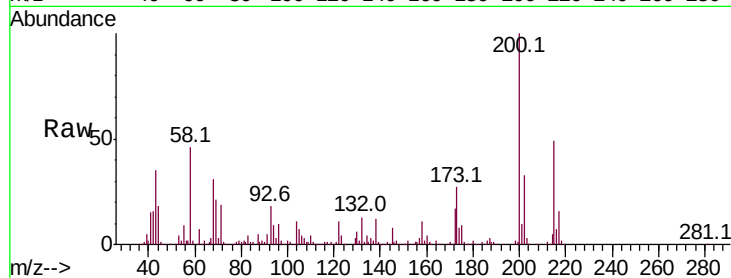
215 49.0 25.8 65.8

Manual Integrations

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Sohil

11/14/2018 5:18:15 PM

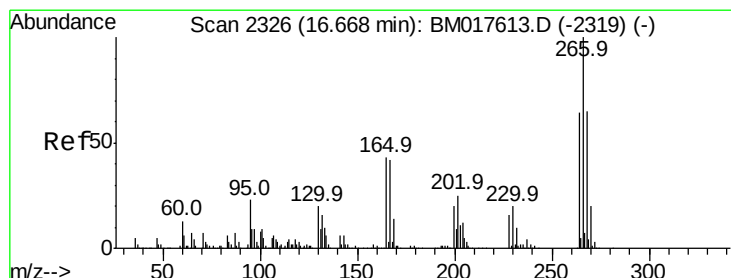
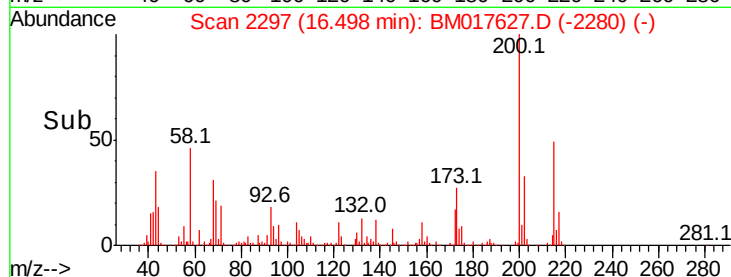
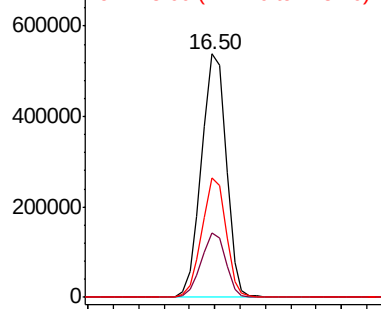


Abundance

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: 88.578 ng

RT: 16.67 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

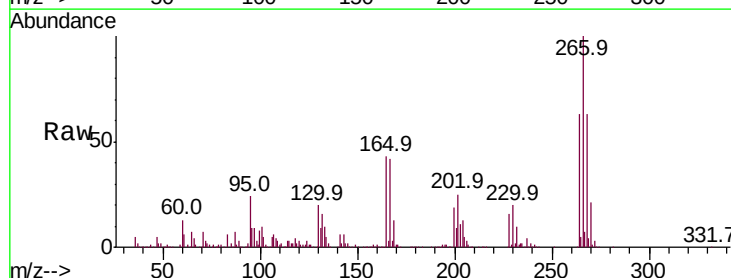
Tgt Ion:266 Resp: 1026958

Ion Ratio Lower Upper

266 100

268 63.5 51.7 77.5

264 63.1 51.3 76.9

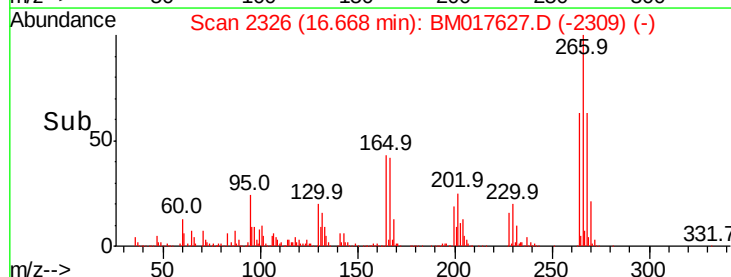
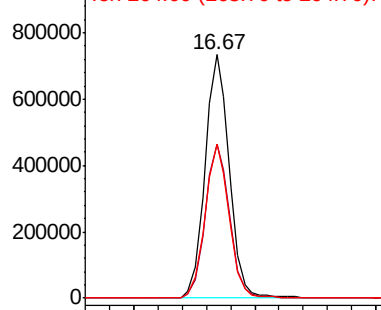


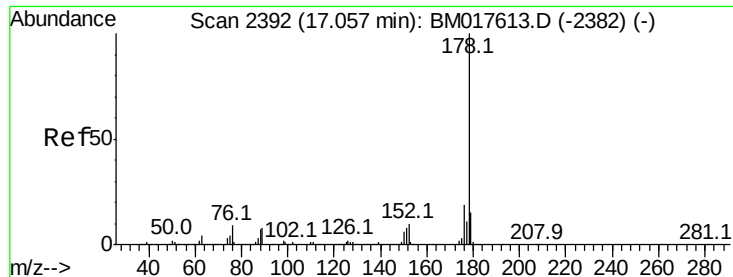
Abundance

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





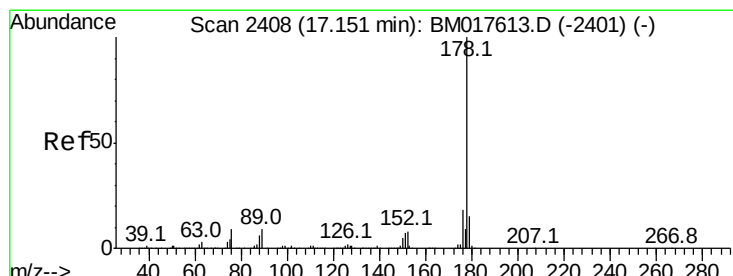
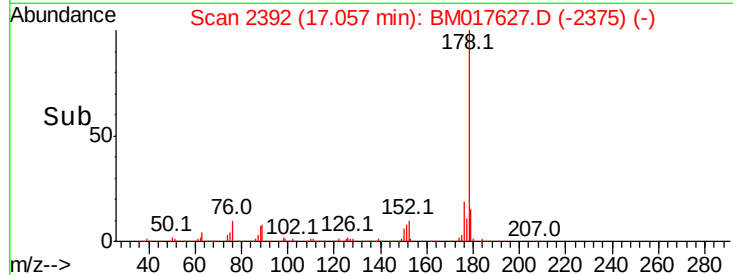
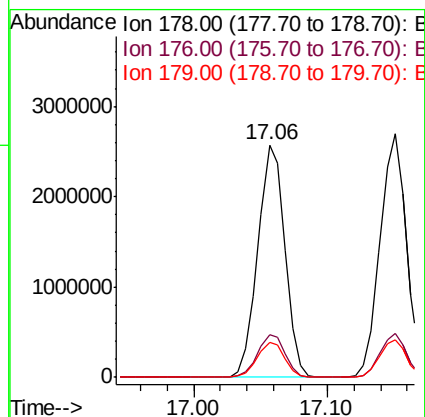
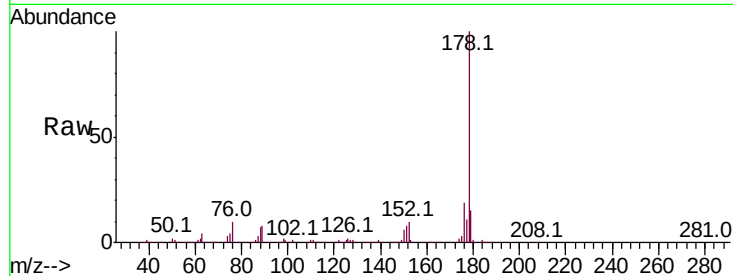
#71
Phenanthrene
Concen: 53.335 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

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

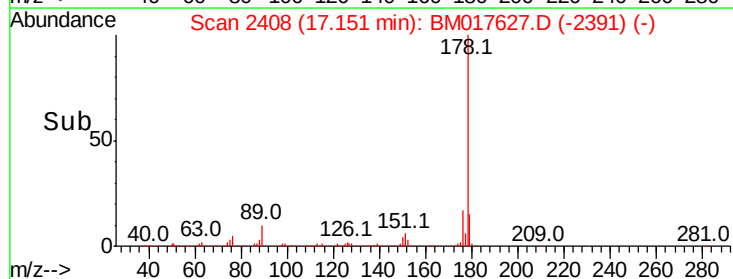
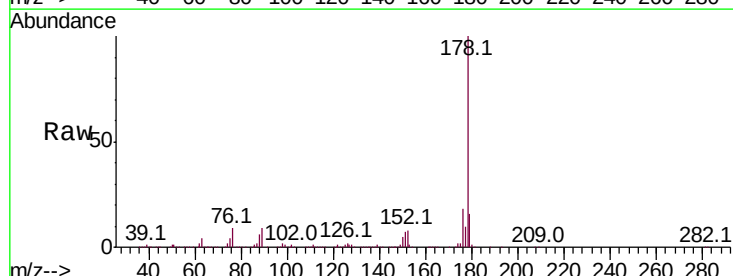
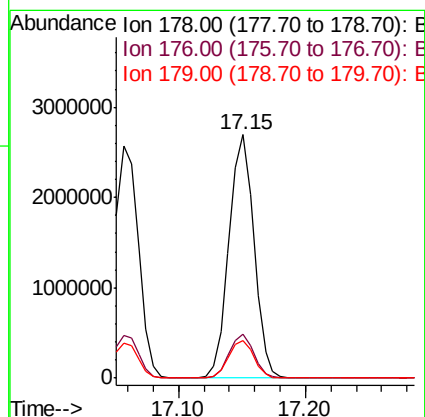
Manual Integrations
APPROVED

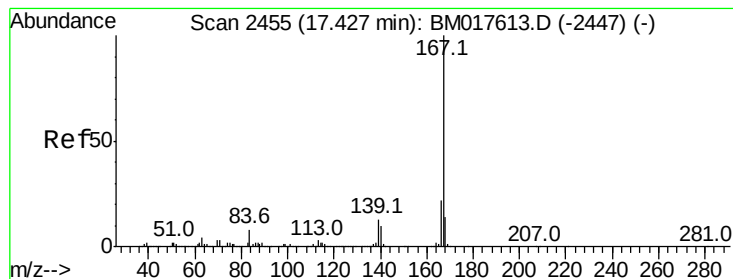
Sohil
11/14/2018 5:18:15 PM



#72
Anthracene
Concen: 56.019 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.5	12.3	18.5





#73

Carbazole

Concen: 50.656 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:167 Resp: 3354295

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

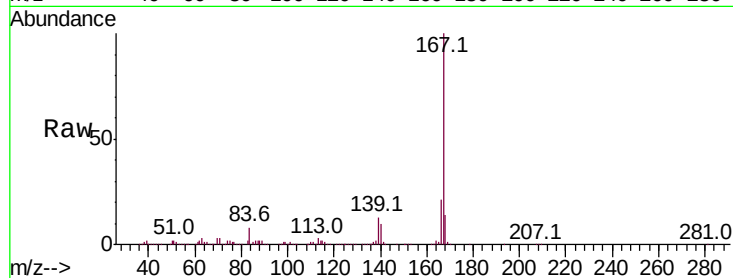
139 12.8 10.2 15.4

Manual Integrations

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Sohil

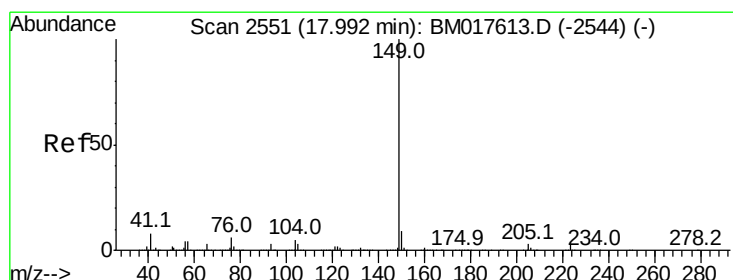
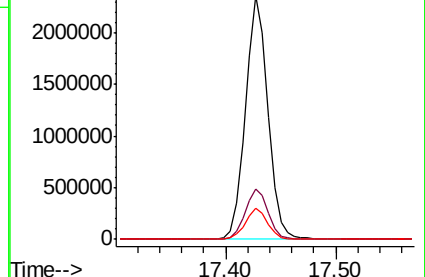
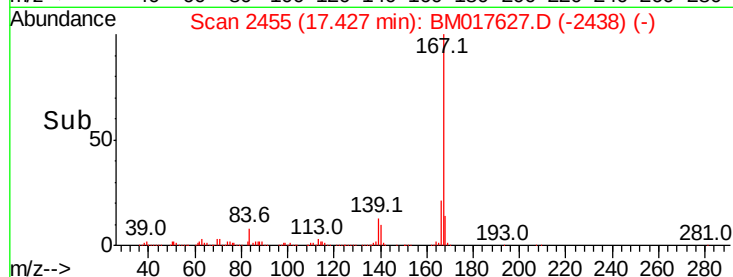
11/14/2018 5:18:15 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.275 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

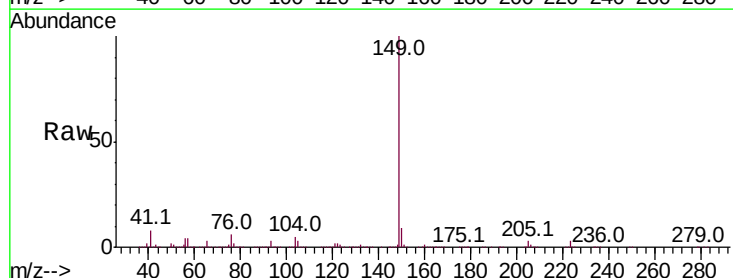
Tgt Ion:149 Resp: 4000761

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

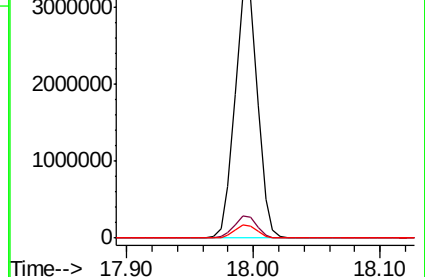
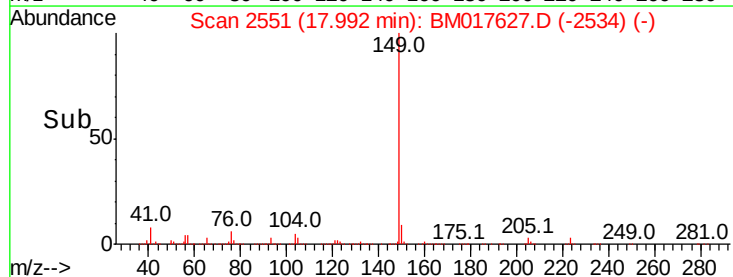
104 5.2 4.3 6.5

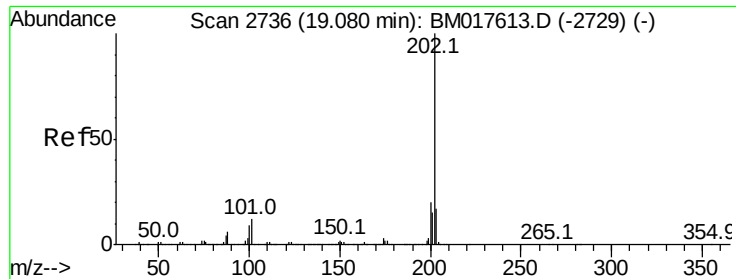


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.199 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

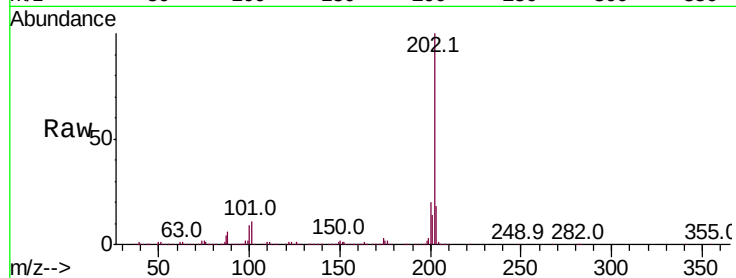
ClientSampleId :

OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	17.6	0.0	37.2

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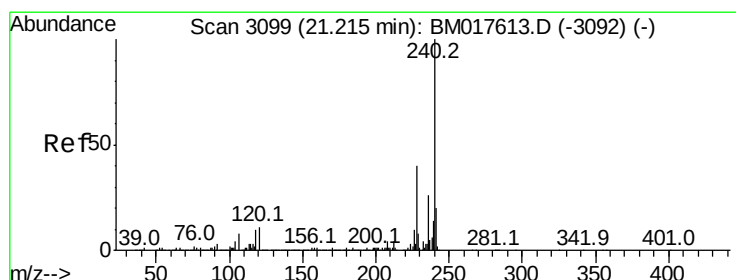
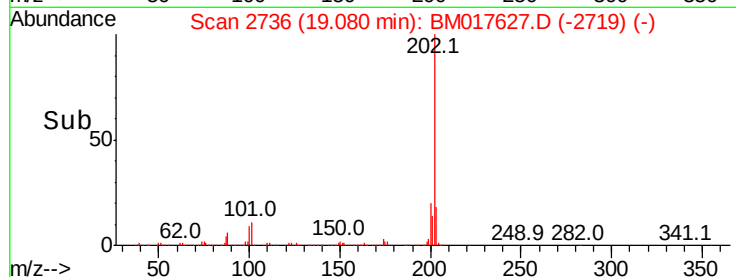
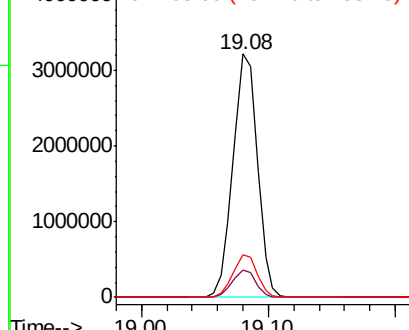


Abundance

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: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

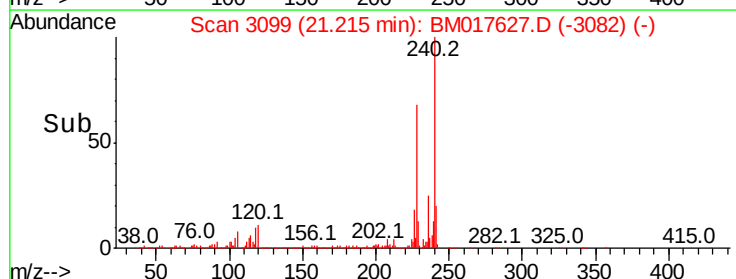
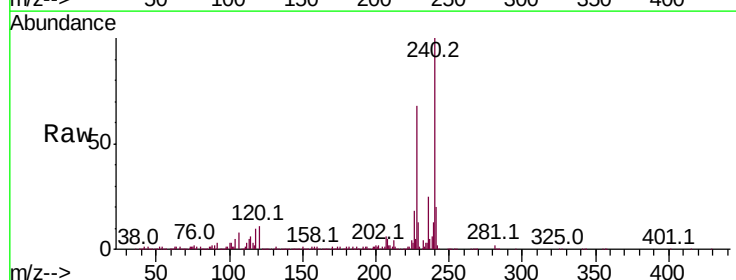
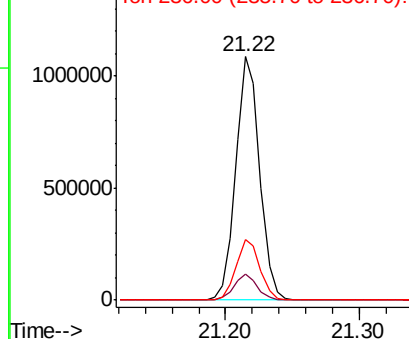
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.5	12.7
236	24.9	20.4	30.6

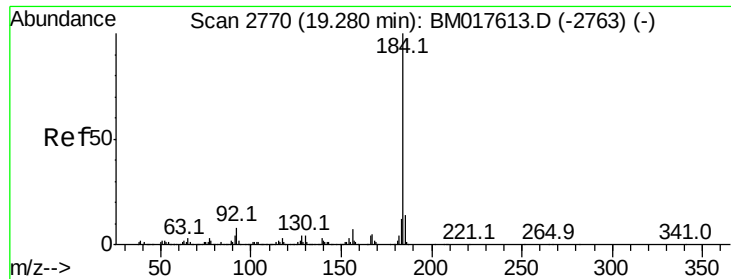
Abundance

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: 18.038 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

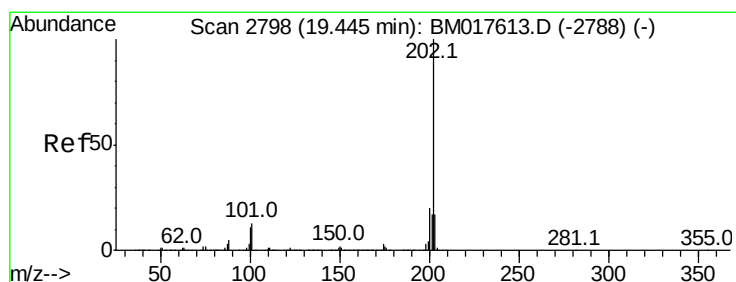
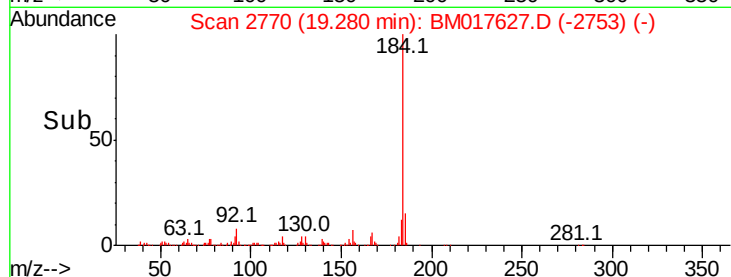
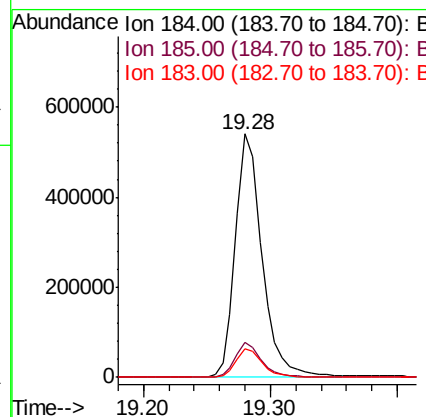
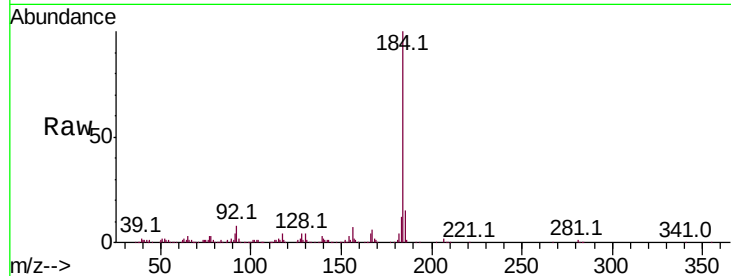
ClientSampleId :

OR-01-111218-AMSD

Tot Ion:	184	Resp:	791413
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.2	16.8
183	11.7	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 52.856 ng

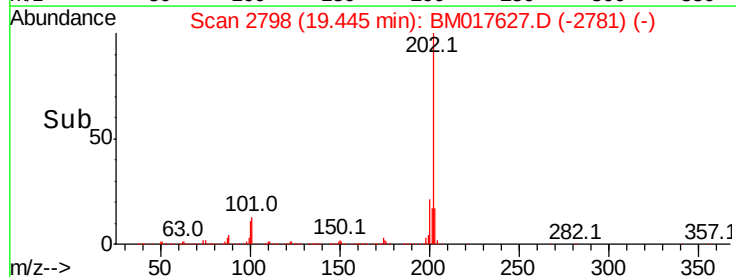
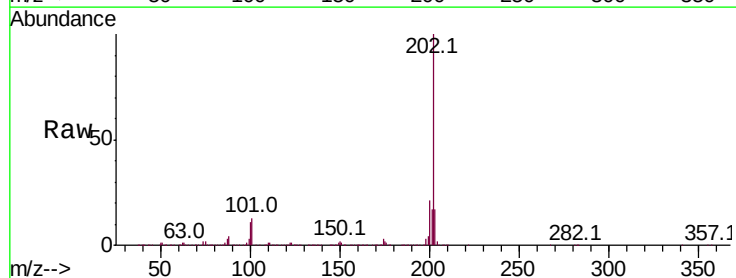
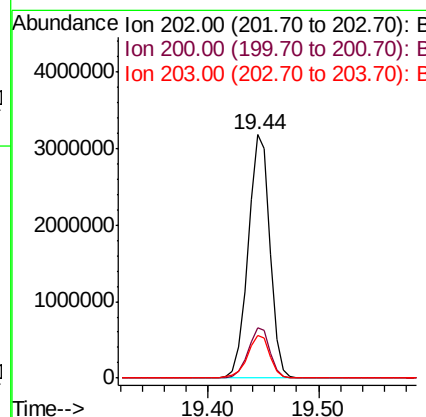
RT: 19.44 min Scan# 2798

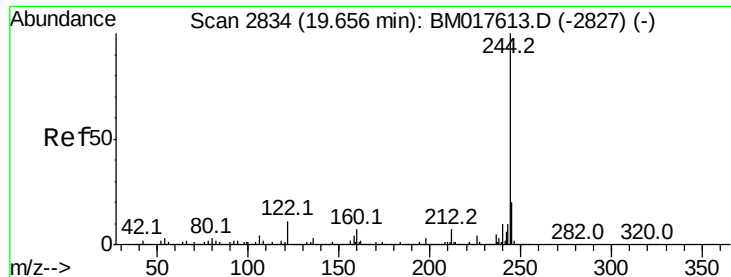
Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:	202	Resp:	4393954
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.4	24.6
203	17.3	13.8	20.8





#79

Terphenyl-d14

Concen: 89.498 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:244 Resp: 5320370

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

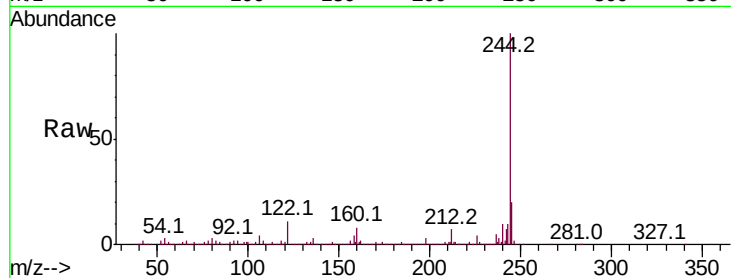
122 11.2 9.0 13.6

Manual Integrations

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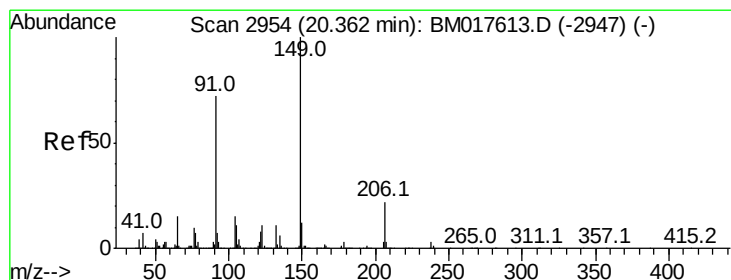
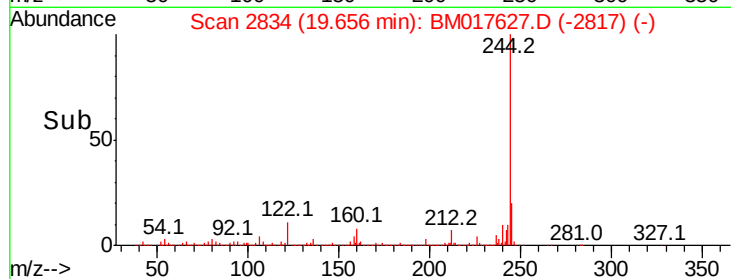
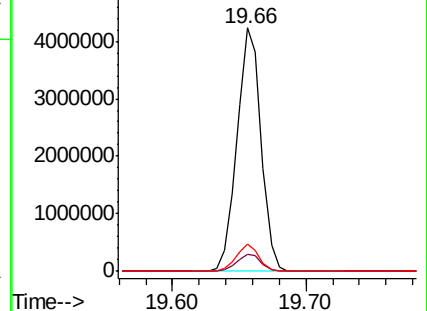
11/14/2018 5:18:15 PM



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: 54.584 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

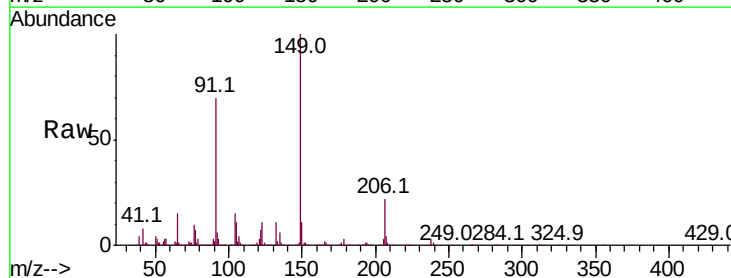
Tgt Ion:149 Resp: 1842988

Ion Ratio Lower Upper

149 100

91 70.1 57.6 86.4

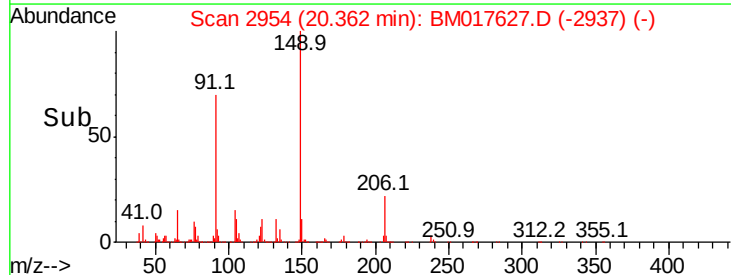
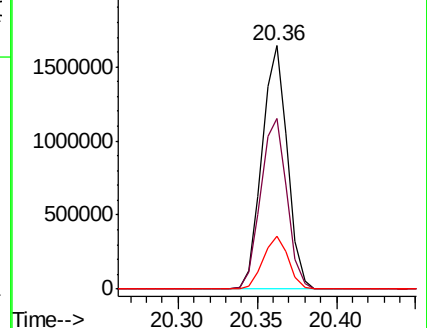
206 21.9 17.4 26.0

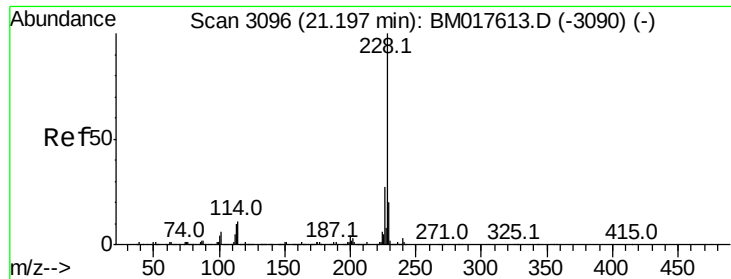


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





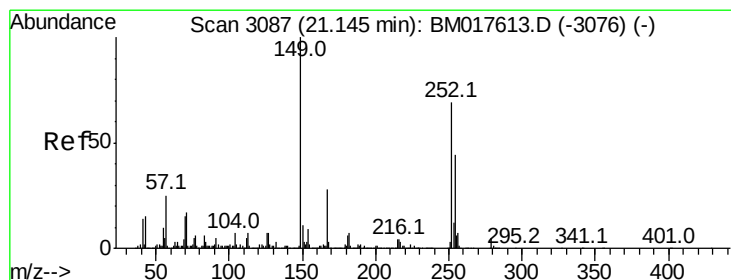
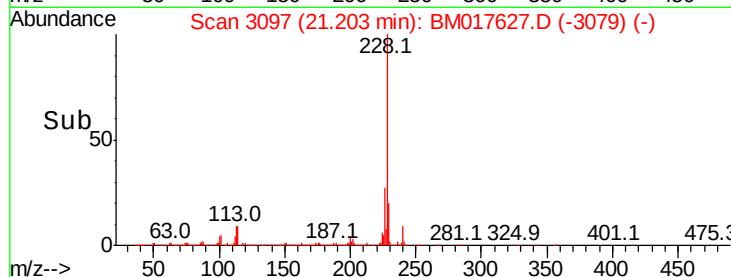
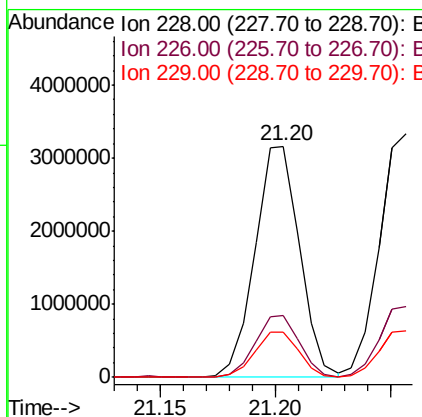
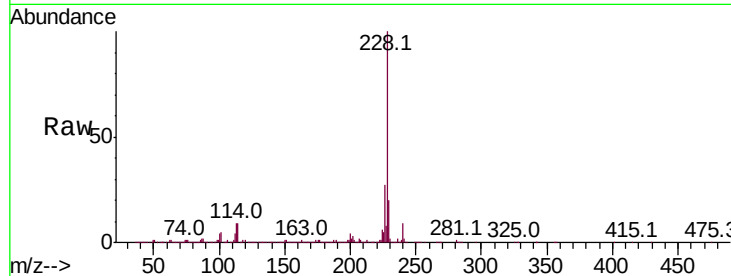
#81
Benzo(a)anthracene
Concen: 54.773 ng
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion:228 Resp: 4251489
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.5 16.0 24.0

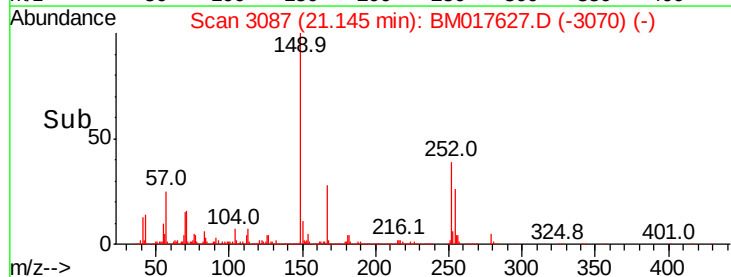
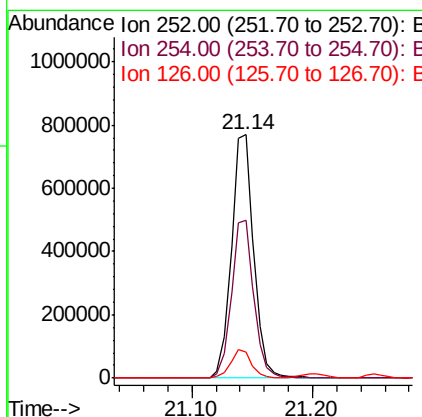
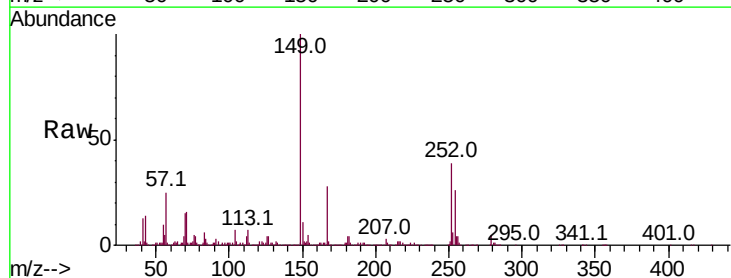
Manual Integrations
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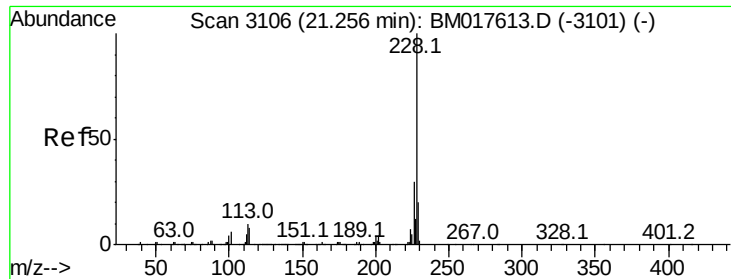
Sohil
11/14/2018 5:18:15 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.051 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion:252 Resp: 990124
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 10.4 8.0 12.0





#83
 Chrysene
 Concen: 53.406 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

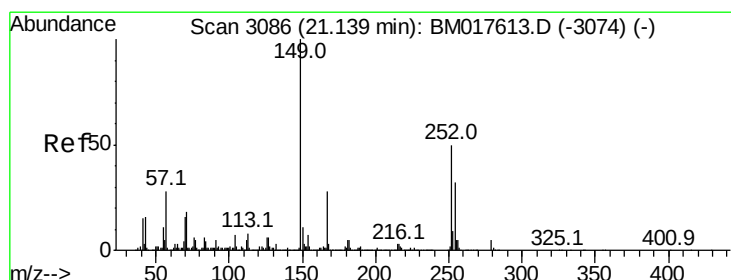
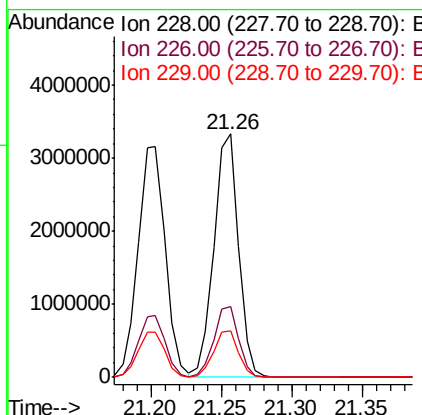
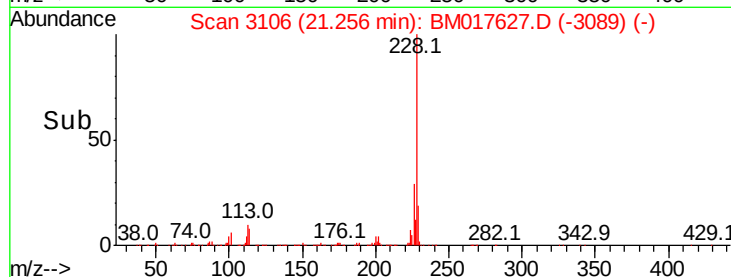
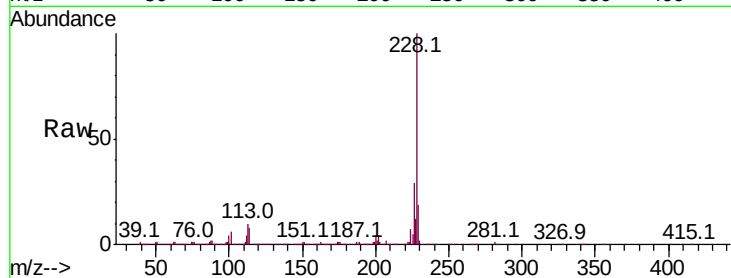
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-AMSD

Tot Ion:228 Resp: 4026272

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	19.2	15.8	23.6

Manual Integrations
 APPROVED

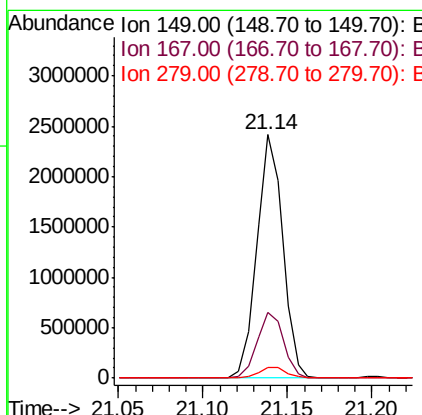
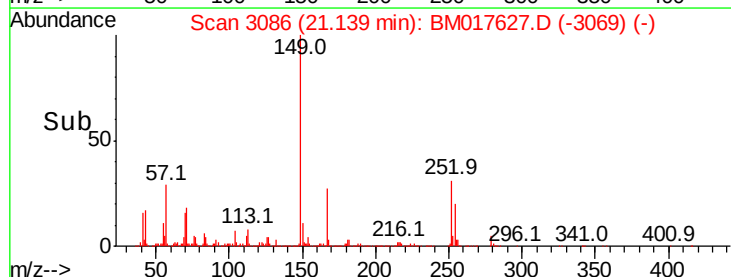
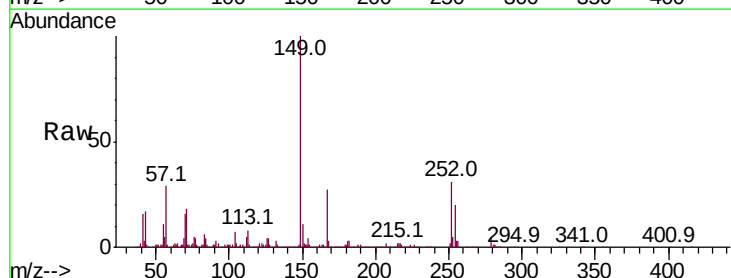
Sohil
 11/14/2018 5:18:15 PM

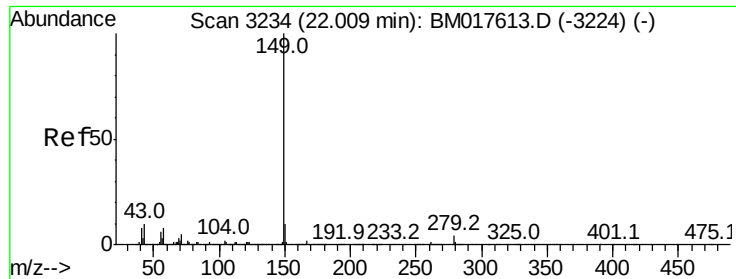


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.632 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM017627.D
 Acq: 13 Nov 2018 19:00

Tgt Ion:149 Resp: 2577174

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.4
279	4.5	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 54.336 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-AMSD

Tot Ion:149 Resp: 4342893

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

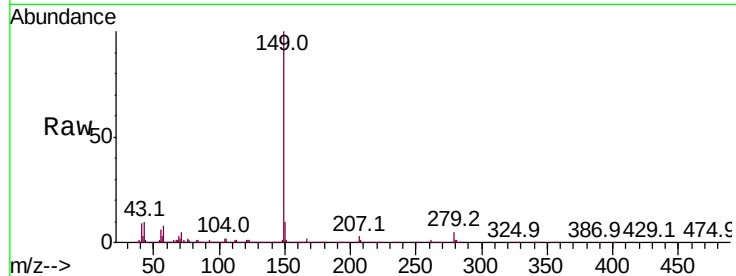
43 10.4 8.3 12.5

Manual Integrations

APPROVED

Sohil

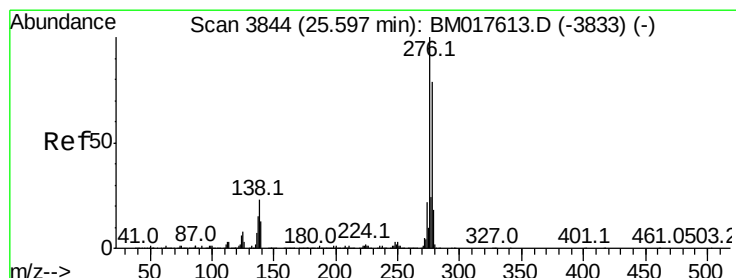
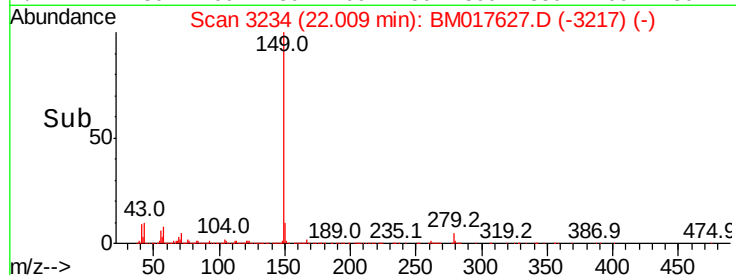
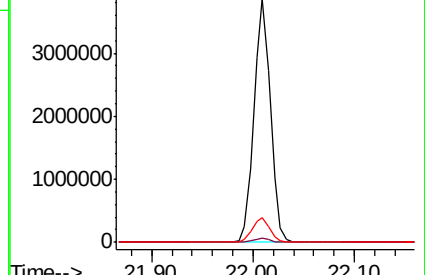
11/14/2018 5:18:15 PM



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.415 ng

RT: 25.60 min Scan# 3845

Delta R.T. 0.01 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

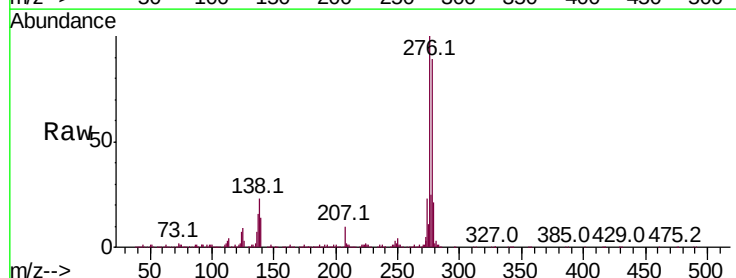
Tgt Ion:276 Resp: 3519189

Ion Ratio Lower Upper

276 100

138 23.4 19.1 28.7

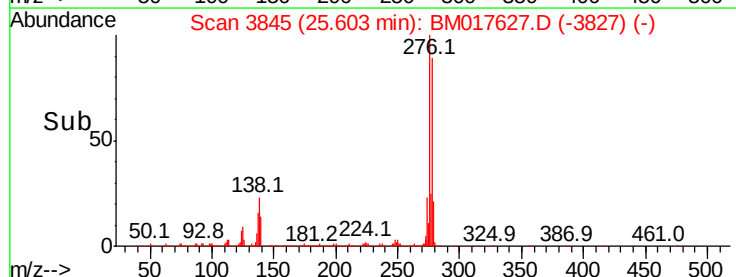
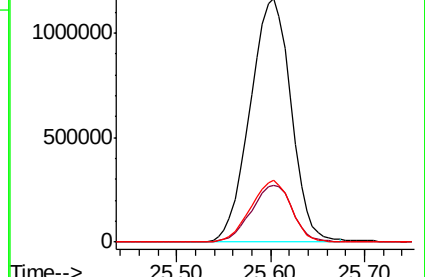
277 25.0 20.0 30.0

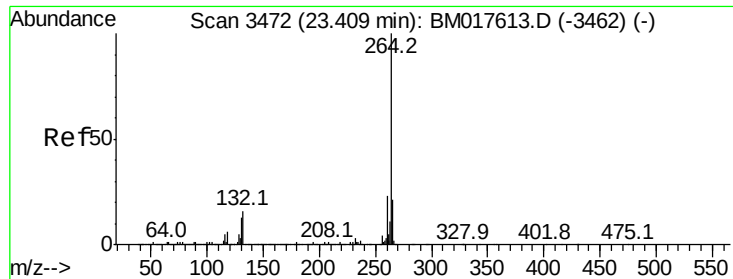


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Instrument :

BNA_M

ClientSampleId :

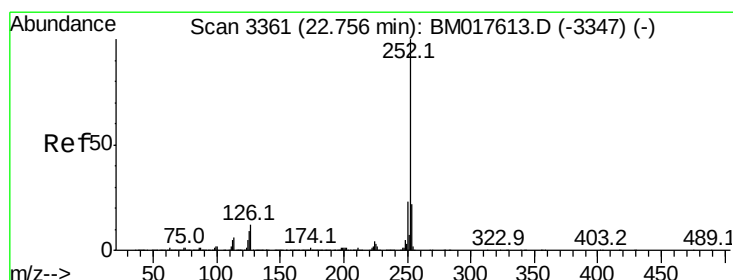
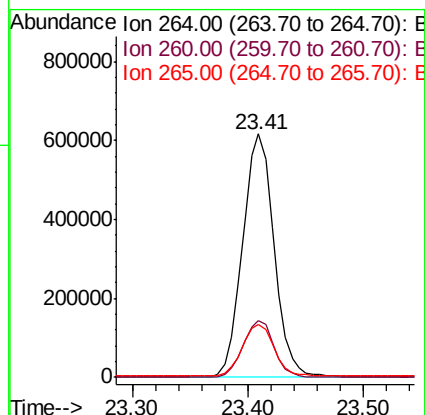
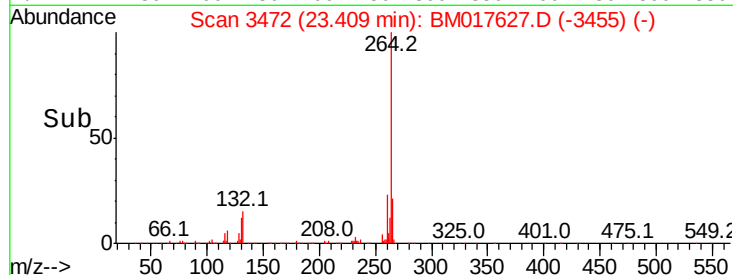
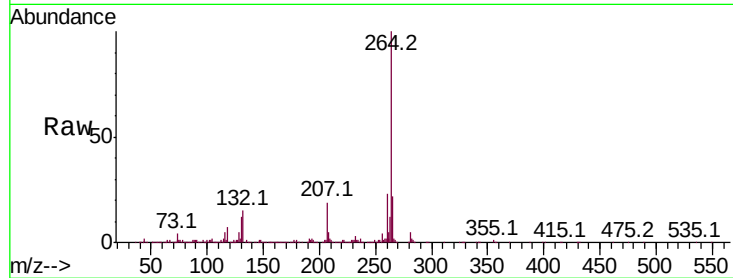
OR-01-111218-AMSD

Tot Ion:264 Resp: 1167302

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.8	17.5	26.3

Manual Integrations
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Sohil
11/14/2018 5:18:15 PM



#88

Benzo(b)fluoranthene

Concen: 57.469 ng

RT: 22.76 min Scan# 3361

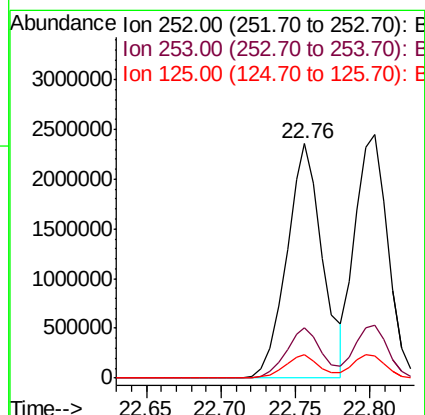
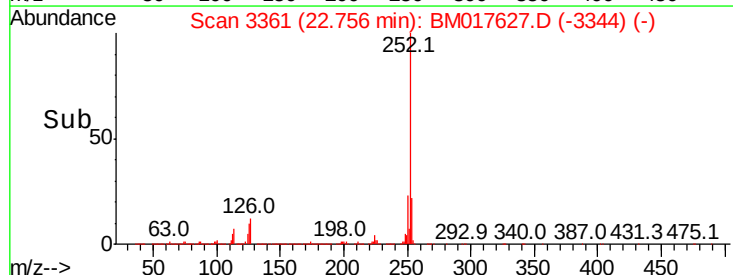
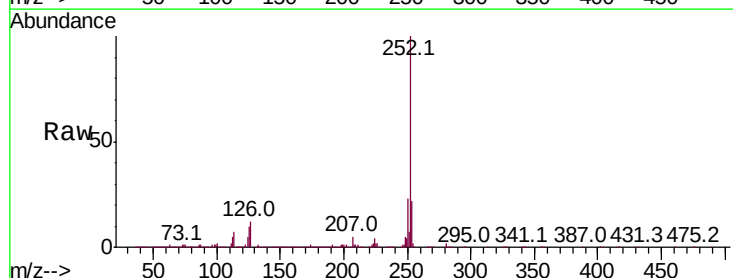
Delta R.T. -0.00 min

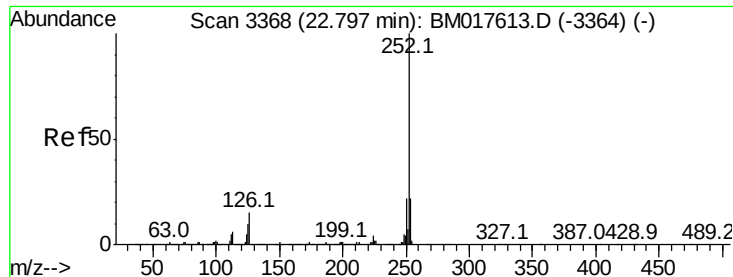
Lab File: BM017627.D

Acq: 13 Nov 2018 19:00

Tgt Ion:252 Resp: 3928612

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.8	7.6	11.4





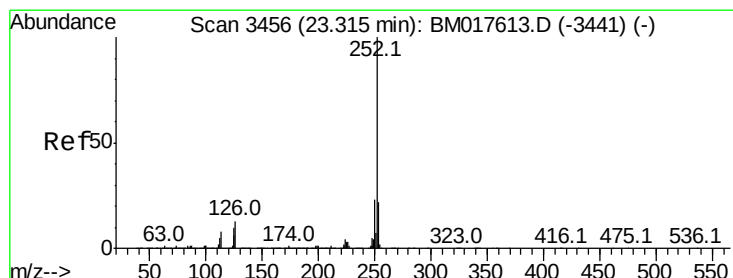
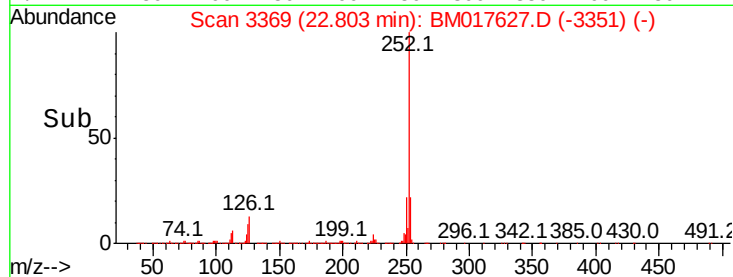
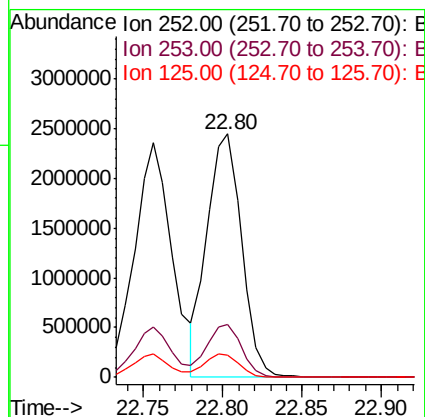
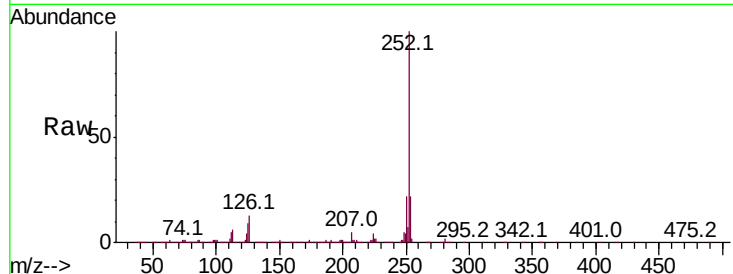
#89
Benzo(k)fluoranthene
Concen: 53.650 ng
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.2	7.9	11.9

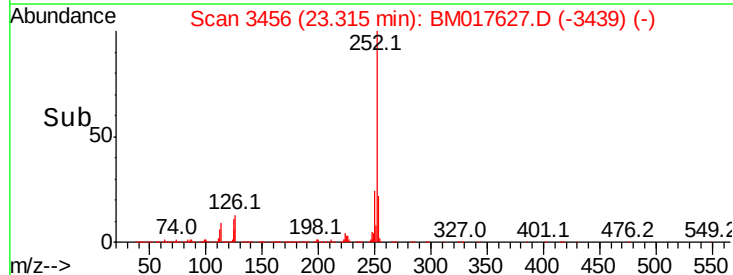
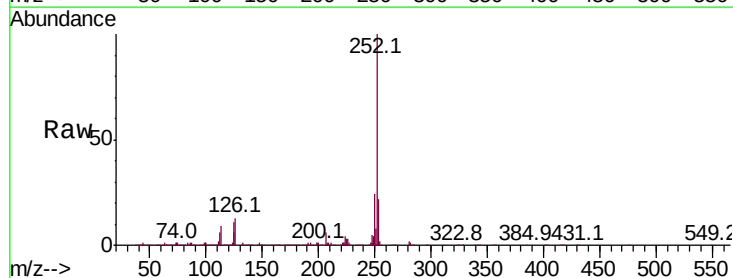
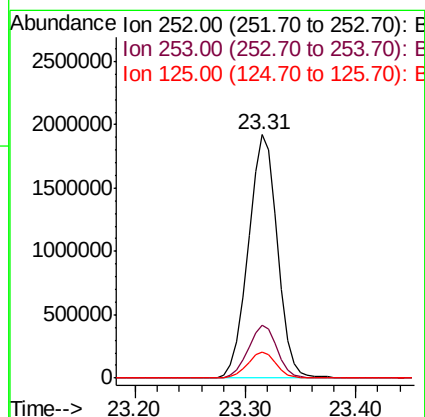
Manual Integrations
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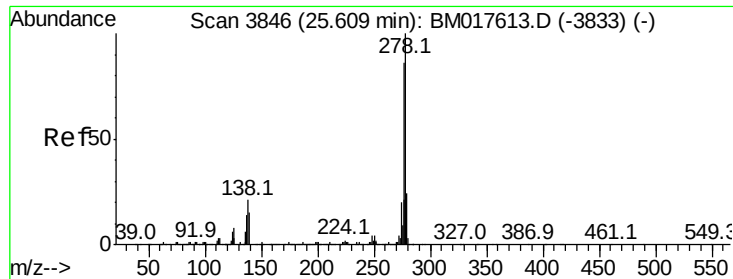
Sohil
11/14/2018 5:18:15 PM



#90
Benzo(a)pyrene
Concen: 57.006 ng
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.8	8.2	12.2





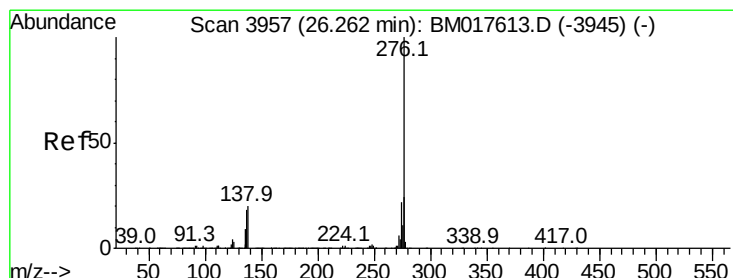
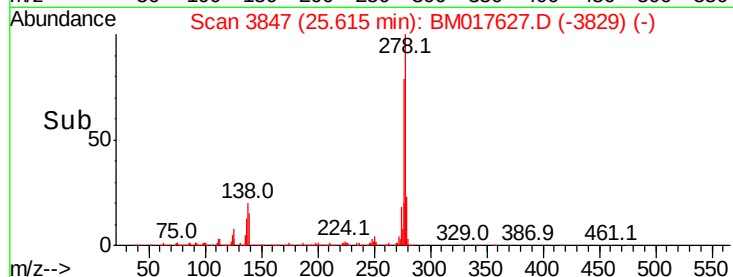
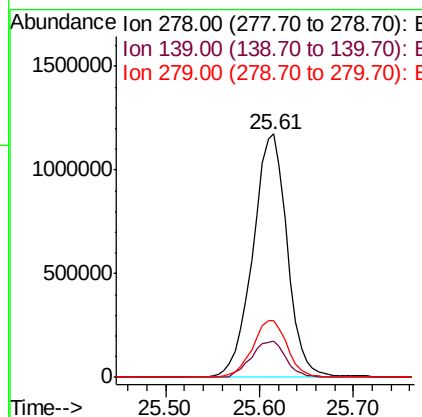
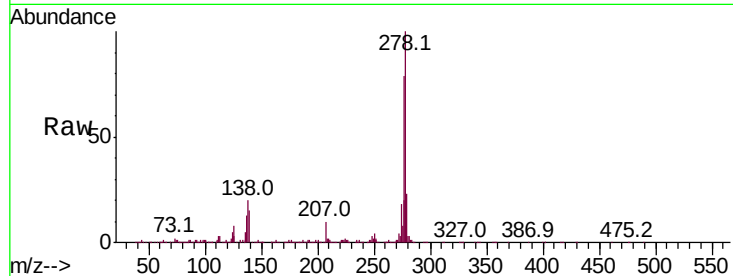
#91
Dibenzo(a,h)anthracene
Concen: 56.683 ng
RT: 25.61 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.6
279	23.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:15 PM



#92
Benzo(g,h,i)perylene
Concen: 57.090 ng
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BM017627.D
Acq: 13 Nov 2018 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.4	15.9	23.9

