

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018287.D
 Acq On : 19 Dec 2018 00:48
 Operator : JU/SJ
 Sample : J6389-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1824-01MSD

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:18:18 PM

Quant Time: Dec 19 04:00:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	124371	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	436851	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	197906	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	372535	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	466712	20.00	ng	-0.02
87) Perylene-d12	23.29	264	529374	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	758979	101.94	ng	0.00
7) Phenol-d6	6.69	99	975721	94.29	ng	-0.01
23) Nitrobenzene-d5	8.65	82	629215	73.88	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	246528	84.87	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1040598	68.10	ng	-0.02
79) Terphenyl-d14	19.56	244	1215513	58.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	92909	31.502	ng	98
3) Pyridine	3.50	79	258268	29.767	ng	97
4) n-Nitrosodimethylamine	3.43	42	118341	39.626	ng	# 100
6) Aniline	6.84	93	213941	16.480	ng	99
8) 2-Chlorophenol	7.06	128	292324	33.232	ng	99
9) Benzaldehyde	6.66	77	94186	14.932	ng	96
10) Phenol	6.72	94	410810	37.485	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	277452	31.854	ng	98
12) 1,3-Dichlorobenzene	7.37	146	314095	31.976	ng	99
13) 1,4-Dichlorobenzene	7.52	146	315428	31.622	ng	97
14) 1,2-Dichlorobenzene	7.83	146	306166	31.840	ng	99
15) Benzyl Alcohol	7.75	79	258385	30.643	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	227870	29.072	ng	94
17) 2-Methylphenol	7.95	107	230227	31.462	ng	95
18) Hexachloroethane	8.53	117	118549	32.425	ng	97
19) n-Nitroso-di-n-propylamine	8.30	70	227440	29.436	ng	97
20) 3+4-Methylphenols	8.27	107	298501	29.111	ng	98
22) Acetophenone	8.31	105	420806	36.400	ng	# 99
24) Nitrobenzene	8.69	77	333457	39.185	ng	97
25) Isophorone	9.20	82	556001	39.212	ng	98
26) 2-Nitrophenol	9.39	139	145617	34.888	ng	93
27) 2,4-Dimethylphenol	9.46	122	230437	38.308	ng	97
28) bis(2-Chloroethoxy)methane	9.69	93	333103	36.040	ng	96
29) 2,4-Dichlorophenol	9.92	162	225631	33.830	ng	100
30) 1,2,4-Trichlorobenzene	10.12	180	267261	35.229	ng	95
31) Naphthalene	10.30	128	792724	37.111	ng	100
32) Benzoic acid	9.62	122	133300m	23.402	ng	
33) 4-Chloroaniline	10.45	127	72342	7.731	ng	96
34) Hexachlorobutadiene	10.57	225	169229	35.271	ng	99
35) Caprolactam	11.24	113	60249	23.707	ng	97
36) 4-Chloro-3-methylphenol	11.58	107	233219	29.101	ng	99
37) 2-Methylnaphthalene	11.93	142	530653	35.226	ng	99
38) 1-Methylnaphthalene	12.15	142	498704	33.927	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	260902	38.337	ng	98

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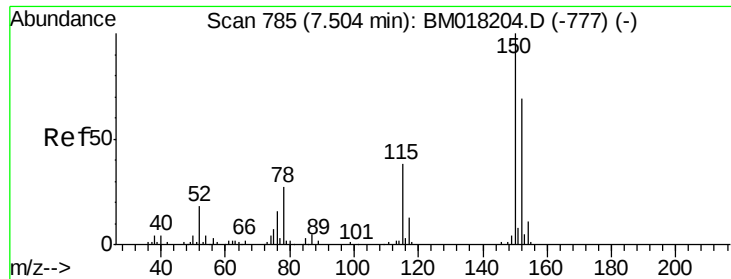
Manual Integrations
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Quant Time: Dec 19 04:00:08 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	201571	68.887	nq	99
43) 2,4,6-Trichlorophenol	12.56	196	164054	37.480	nq	98
44) 2,4,5-Trichlorophenol	12.65	196	162381	34.944	nq	99
46) 1,1'-Biphenyl	12.96	154	631338	35.460	nq	98
47) 2-Chloronaphthalene	13.00	162	486464	37.122	nq	97
48) 2-Nitroaniline	13.24	65	148059	36.678	nq	93
49) Acenaphthylene	13.86	152	741638	37.555	nq	100
50) Dimethylphthalate	13.62	163	653241	39.703	nq	99
51) 2,6-Dinitrotoluene	13.75	165	121971	33.722	nq	92
52) Acenaphthene	14.21	154	423131	35.061	nq	97
53) 3-Nitroaniline	14.09	138	70837	18.610	nq	97
54) 2,4-Dinitrophenol	14.30	184	61393	30.770	nq	94
55) Dibenzofuran	14.55	168	673241	34.717	nq	99
56) 4-Nitrophenol	14.42	139	165722	57.425	nq	86
57) 2,4-Dinitrotoluene	14.55	165	157265	31.456	nq	# 84
58) Fluorene	15.20	166	520566	34.757	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.79	232	137273	32.801	nq	# 97
60) Diethylphthalate	15.00	149	552919	31.140	nq	99
61) 4-Chlorophenyl-phenylether	15.20	204	269535	31.820	nq	99
62) 4-Nitroaniline	15.26	138	90986	25.192	nq	85
63) Azobenzene	15.50	77	557650	34.444	nq	96
65) 4,6-Dinitro-2-methylphenol	15.32	198	46214	16.851	nq	95
66) n-Nitrosodiphenylamine	15.43	169	437738	35.534	nq	99
67) 4-Bromophenyl-phenylether	16.10	248	155526	34.471	nq	98
68) Hexachlorobenzene	16.21	284	171687	34.735	nq	98
69) Atrazine	16.40	200	146621	35.255	nq	99
70) Pentachlorophenol	16.56	266	194512	59.587	nq	99
71) Phenanthrene	16.95	178	734145	36.280	nq	99
72) Anthracene	17.04	178	731757	36.452	nq	100
73) Carbazole	17.33	167	669036	32.470	nq	99
74) Di-n-butylphthalate	17.89	149	832434	32.743	nq	100
75) Fluoranthene	18.98	202	851374	36.188	nq	100
77) Benzidine	19.22	184	5057	0.427	nq	# 66
78) Pyrene	19.35	202	887604	31.918	nq	98
80) Butylbenzylphthalate	20.27	149	412807	31.203	nq	96
81) Benzo(a)anthracene	21.12	228	968892	35.539	nq	99
82) 3,3'-Dichlorobenzidine	21.06	252	169343	15.548	nq	96
83) Chrysene	21.17	228	936199	35.702	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	622393	31.566	nq	99
85) Di-n-octyl phthalate	21.92	149	1155481	35.783	nq	100
86) Indeno(1,2,3-cd)pyrene	25.42	276	1327262	50.811	nq	98
88) Benzo(b)fluoranthene	22.65	252	1076450	36.200	nq	99
89) Benzo(k)fluoranthene	22.69	252	1054502	35.608	nq	100
90) Benzo(a)pyrene	23.19	252	1046863	37.015	nq	99
91) Dibenzo(a,h)anthracene	25.43	278	1121298	42.800	nq	98
92) Benzo(g,h,i)perylene	26.07	276	1091063	44.057	nq	98

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



#1

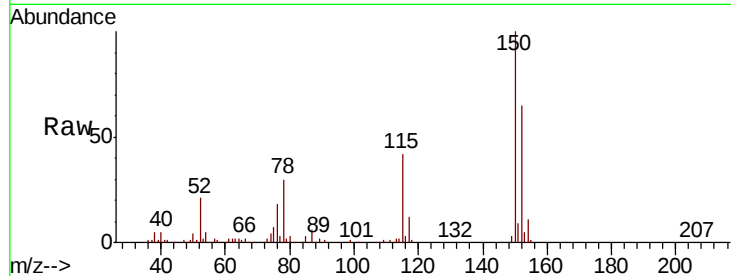
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	116.1	174.1
115	64.3	44.6	67.0

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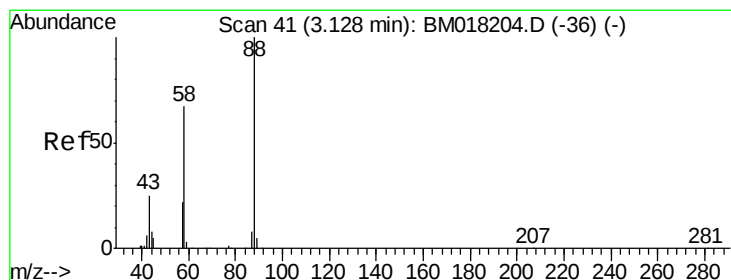
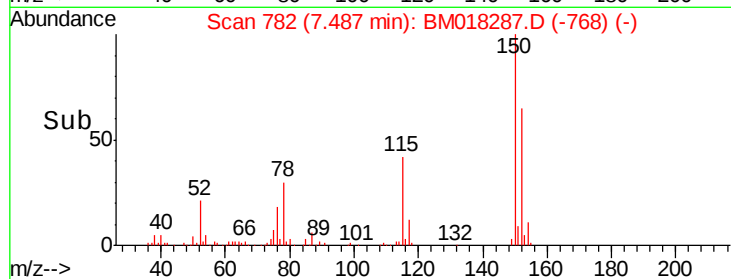
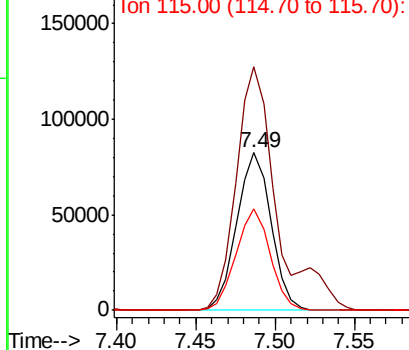


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

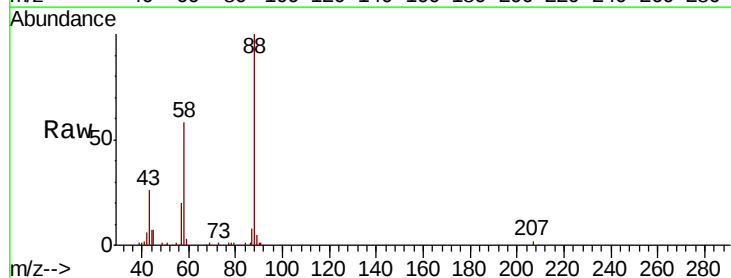
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.502 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	49.8	74.6
43	25.9	19.1	28.7

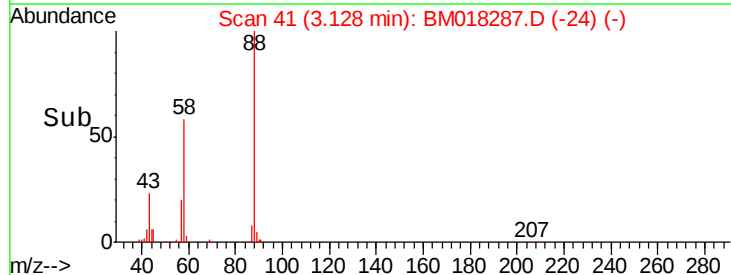
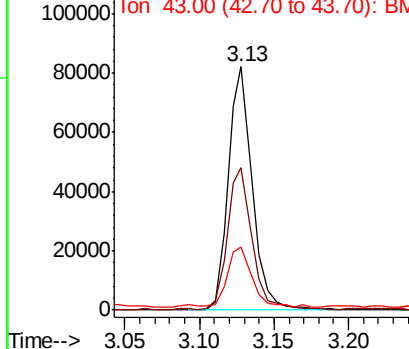


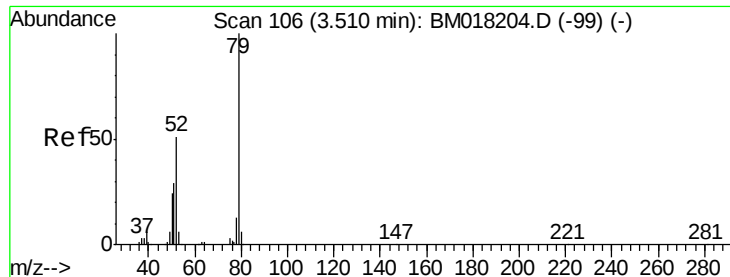
Abundance

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: 29.767 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

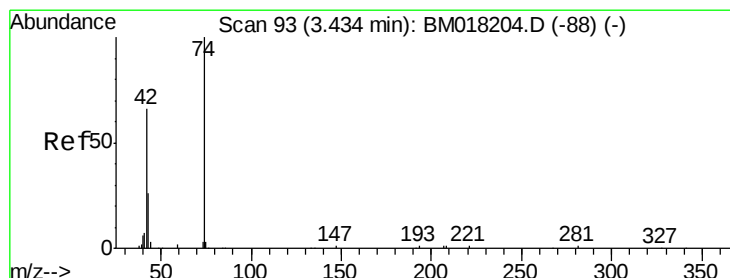
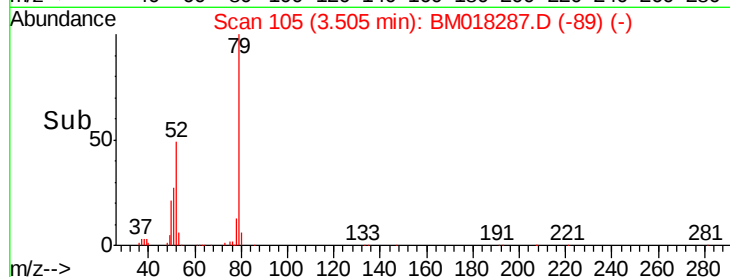
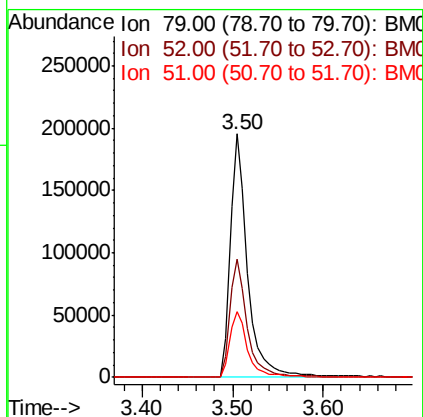
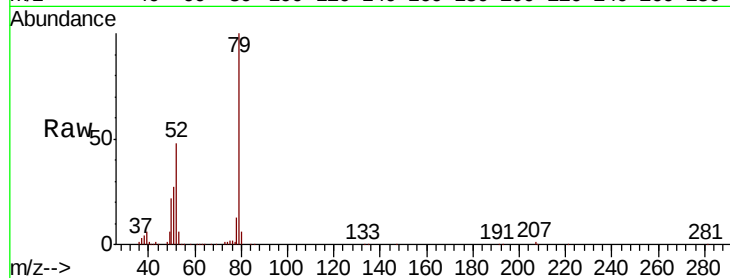
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		258268		
52	48.4		40.7	61.1	
51	27.2		23.0	34.6	

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#4

n-Nitrosodimethylamine

Concen: 39.626 ng

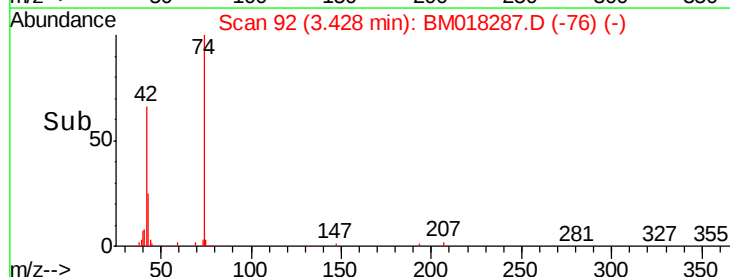
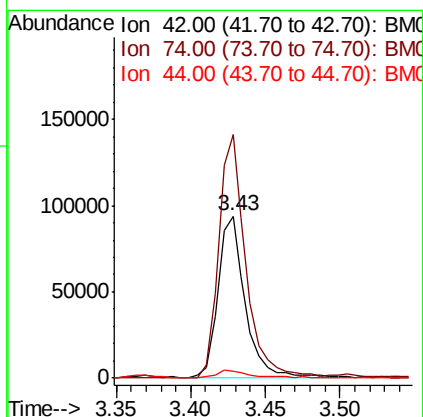
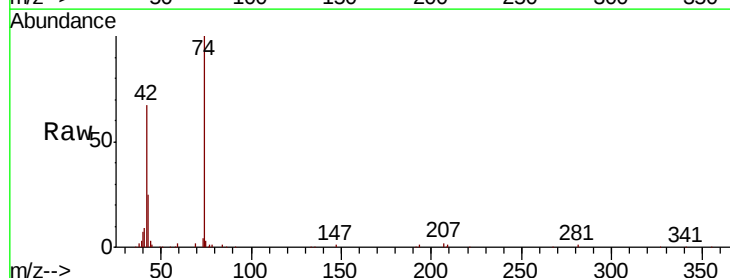
RT: 3.43 min Scan# 92

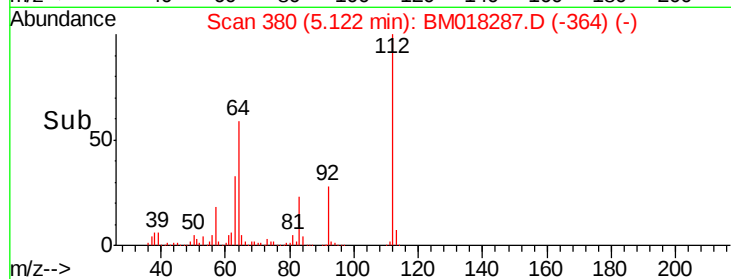
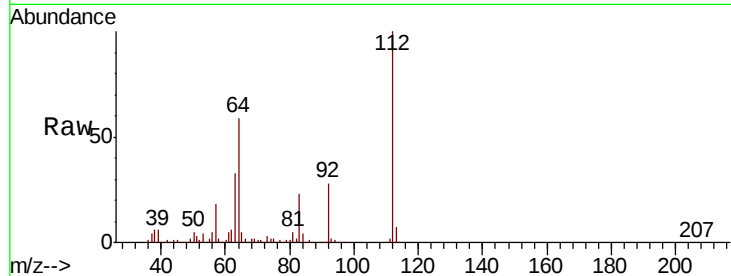
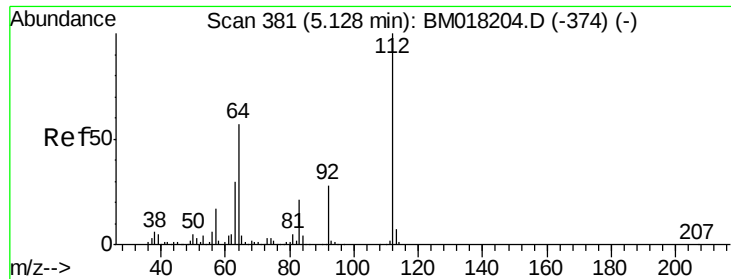
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		118341		
74	150.3		120.4	180.6	
44	4.5		4.6	7.0	





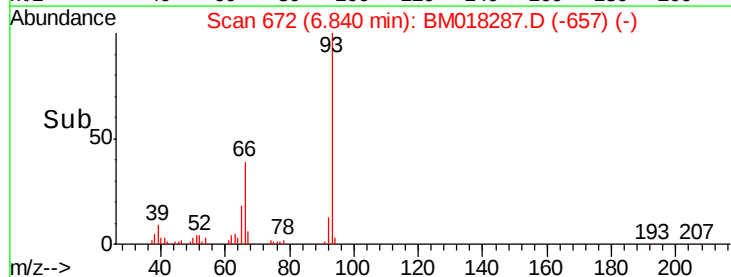
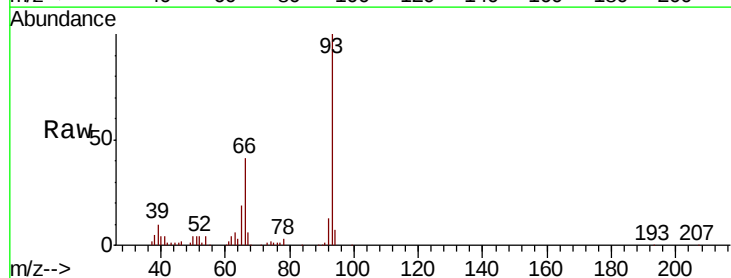
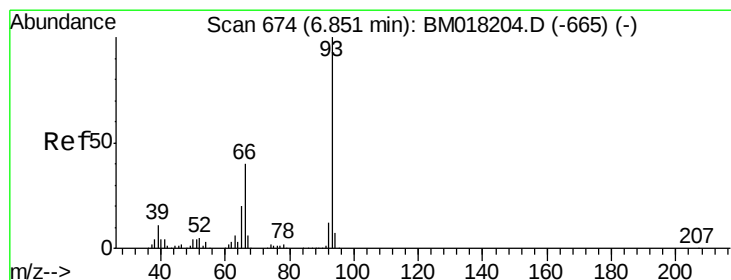
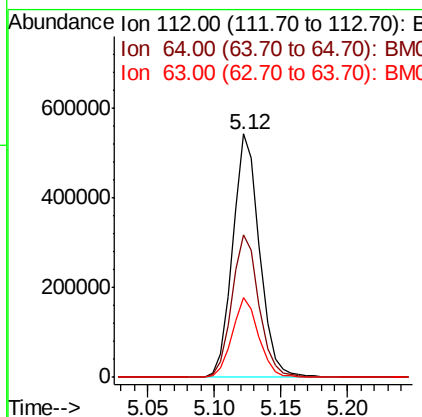
#5
2-Fluorophenol
Concen: 101.942 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		758979		
64	58.6	45.4	68.2		
63	32.8	24.0	36.0		

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

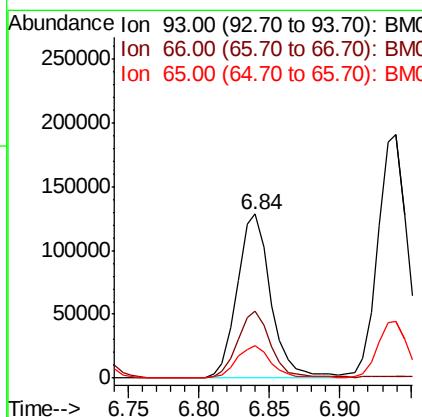
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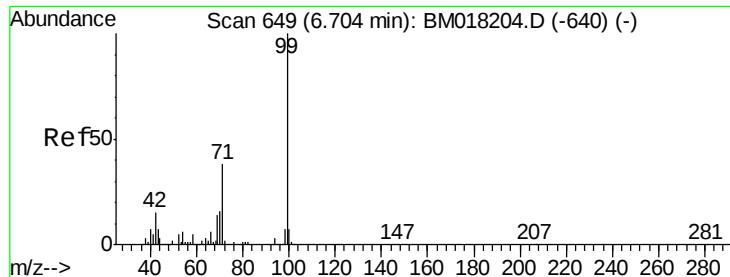
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#6
Aniline
Concen: 16.480 ng
RT: 6.84 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		213941		
66	41.1	32.3	48.5		
65	19.4	16.2	24.4		





#7

Phenol-d6

Concen: 94.289 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

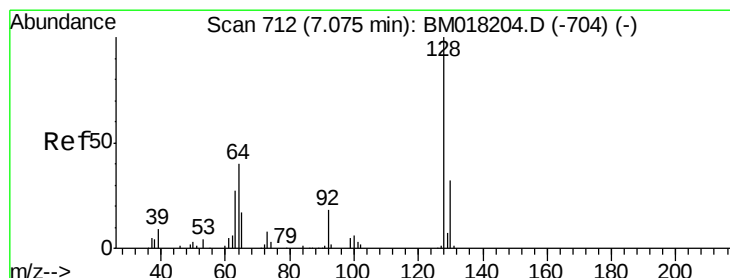
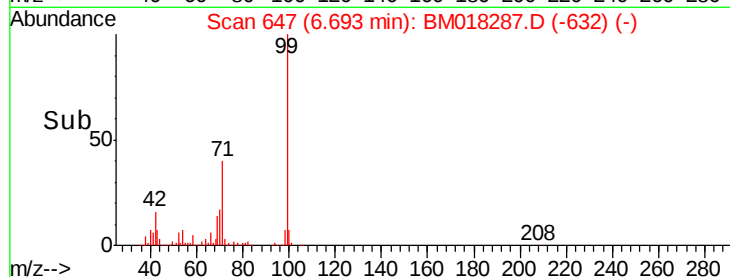
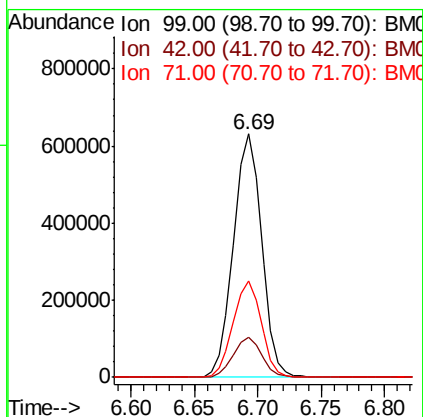
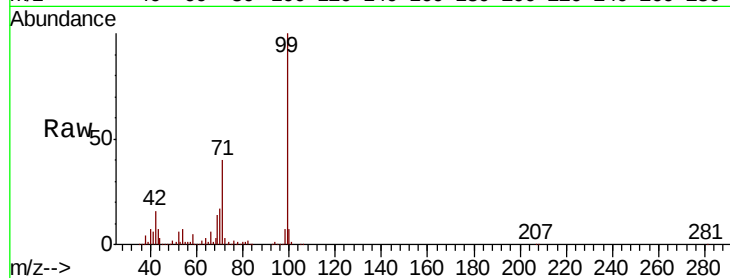
ClientSampleId :

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Tot Ion:	99	Resp:	975721
Ion Ratio	Lower	Upper	
99	100		
42	16.4	12.3	18.5
71	39.8	30.2	45.2

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#8

2-Chlorophenol

Concen: 33.232 ng

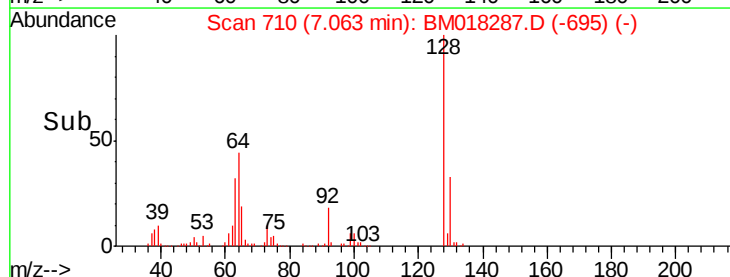
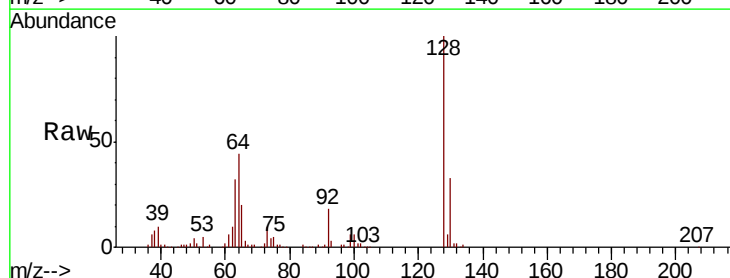
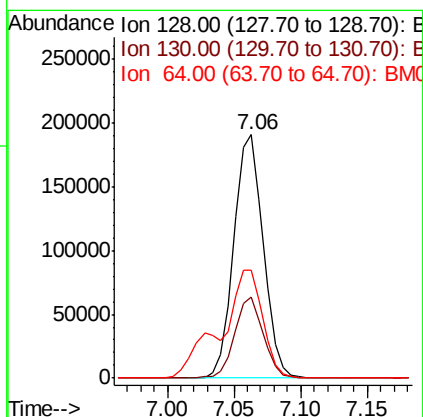
RT: 7.06 min Scan# 710

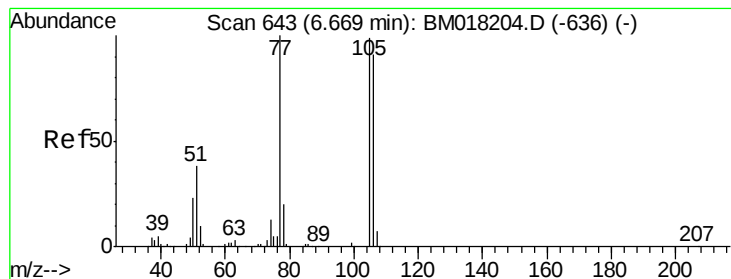
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	128	Resp:	292324
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.3	52.3
64	44.2	24.1	64.1





#9

Benzaldehyde

Concen: 14.932 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

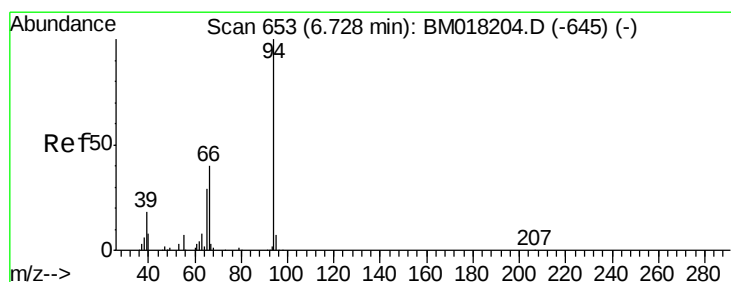
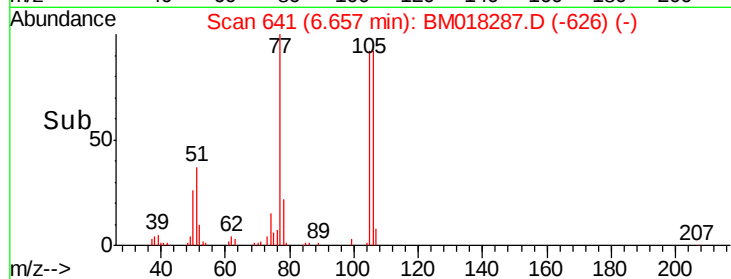
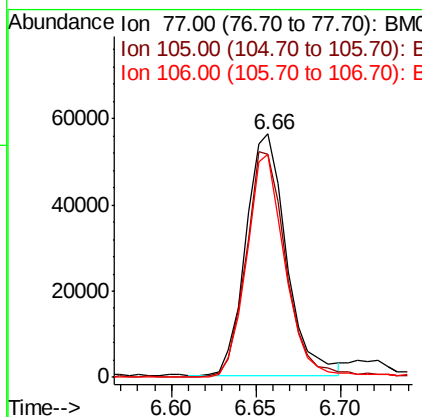
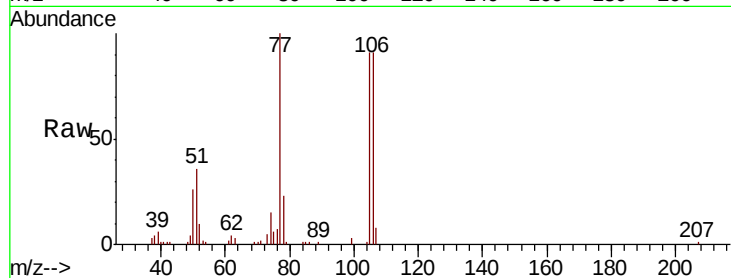
ClientSampleId :

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Tot Ion:	77	Resp:	94186
Ion	Ratio	Lower	Upper
77	100		
105	91.5	78.8	118.8
106	91.4	70.7	110.7

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#10

Phenol

Concen: 37.485 ng

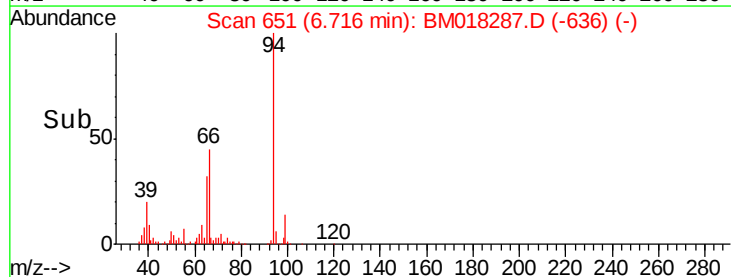
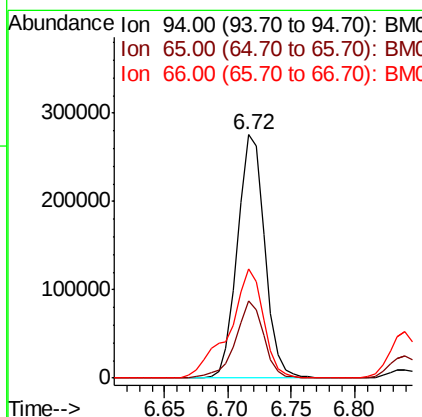
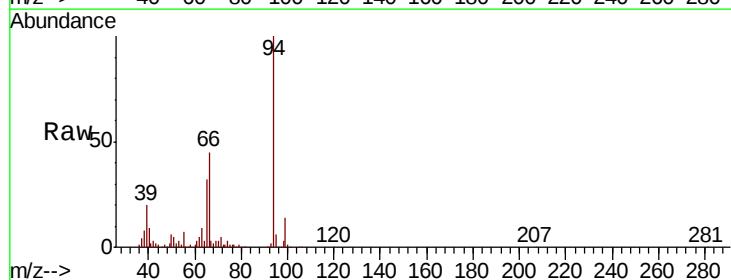
RT: 6.72 min Scan# 651

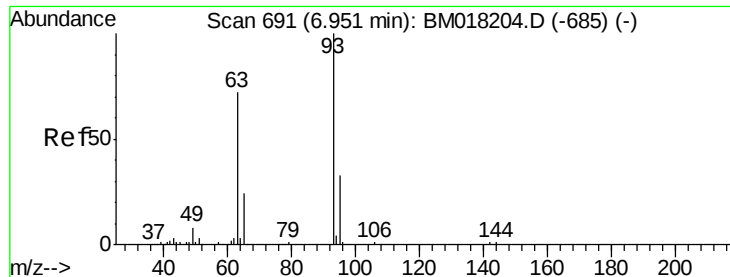
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	94	Resp:	410810
Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.5	49.5
66	44.7	21.3	61.3





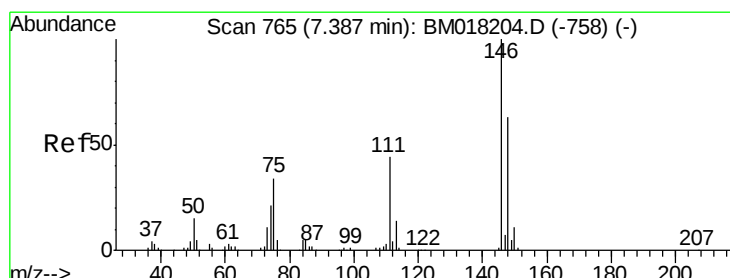
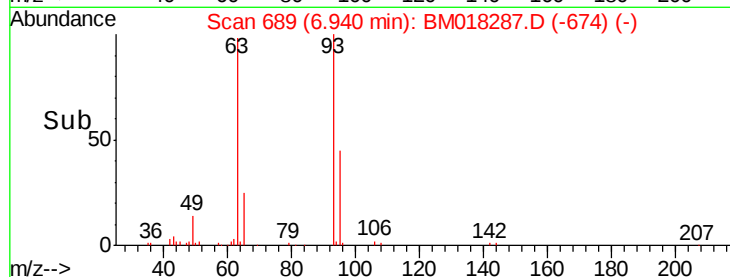
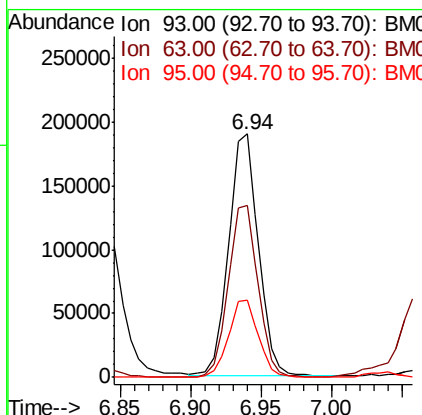
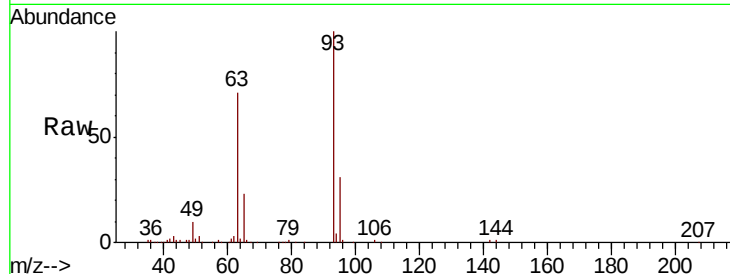
#11
bis(2-Chloroethyl)ether
Concen: 31.854 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	51.7	91.7
95	31.5	13.1	53.1

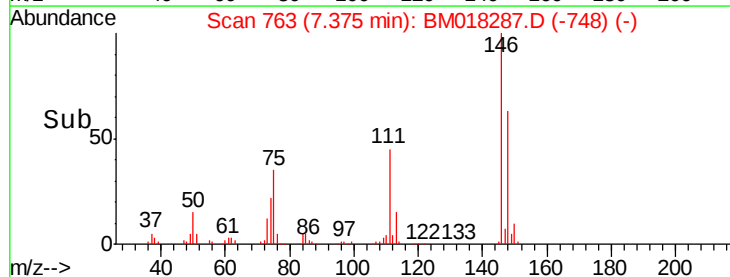
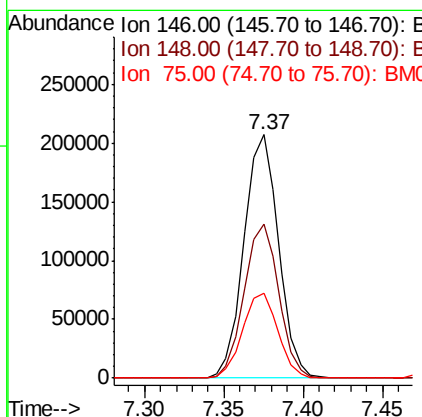
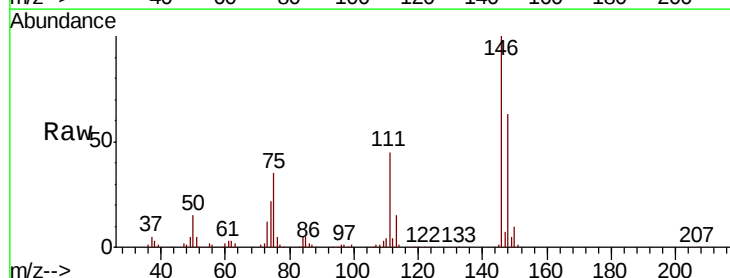
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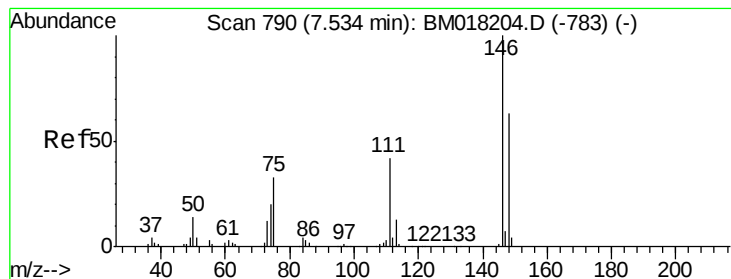
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.976 ng
RT: 7.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	35.1	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 31.622 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

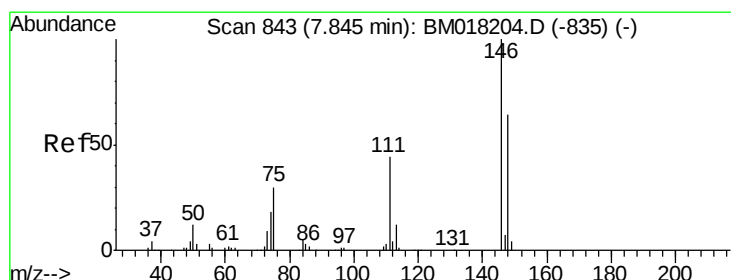
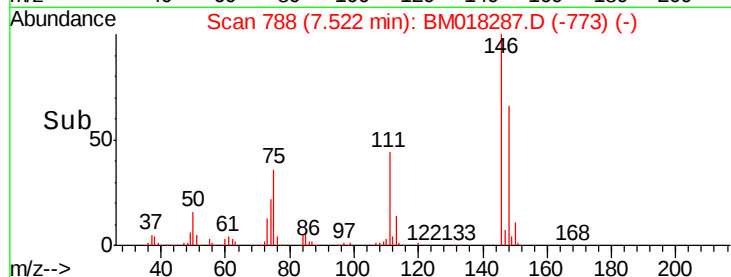
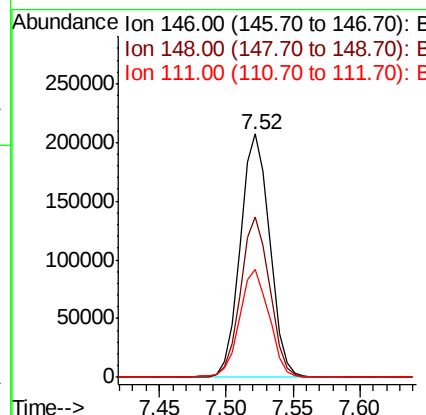
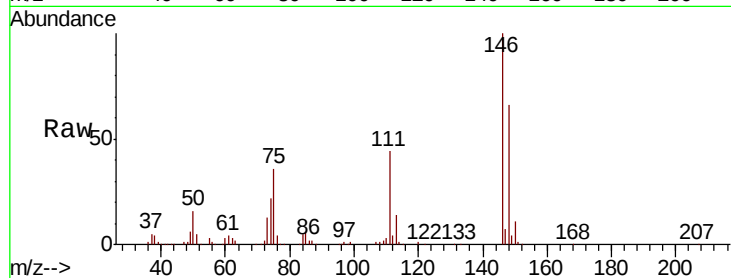
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
111	44.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.840 ng

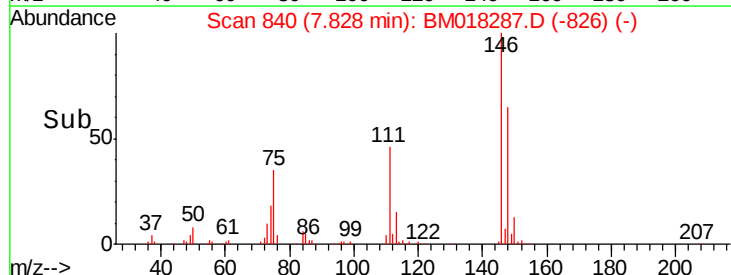
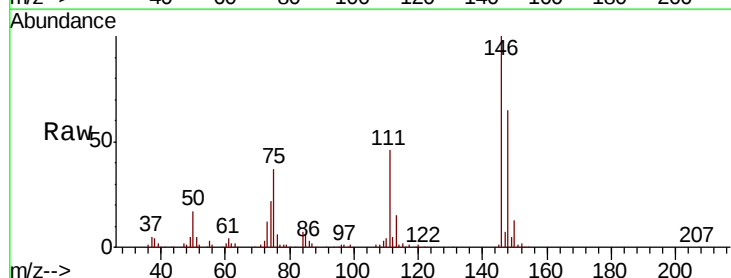
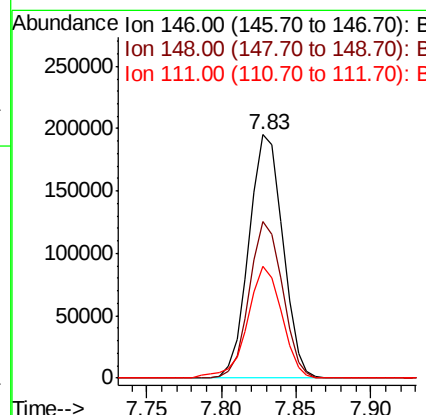
RT: 7.83 min Scan# 840

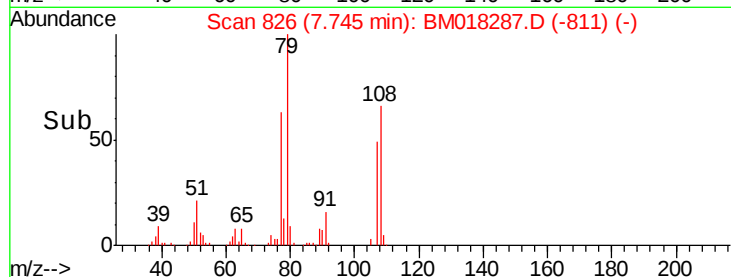
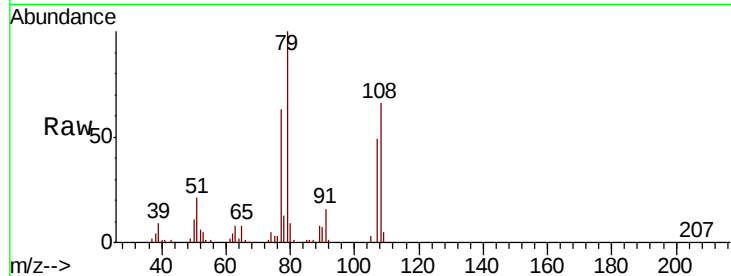
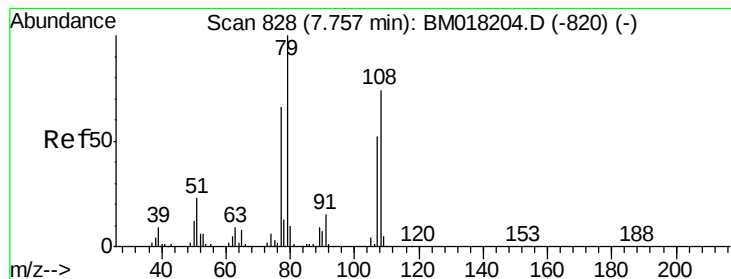
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	45.8	35.8	53.8





#15

Benzyl Alcohol

Concen: 30.643 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tot Ion:	79	Resp:	258385
Ion Ratio	Lower	Upper	
79	100		
108	65.9	59.3	88.9
77	63.0	53.0	79.4

Instrument :

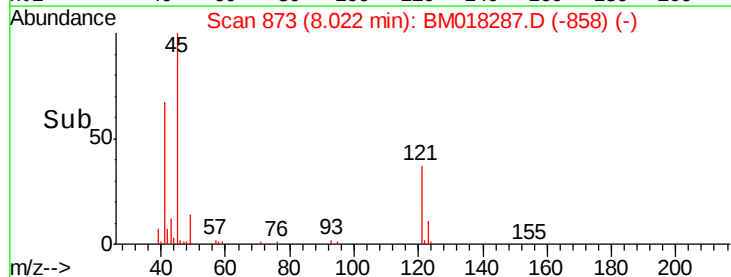
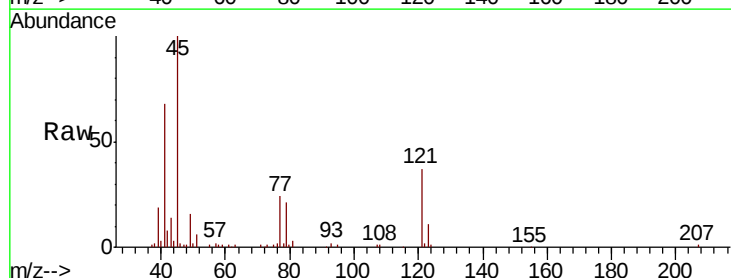
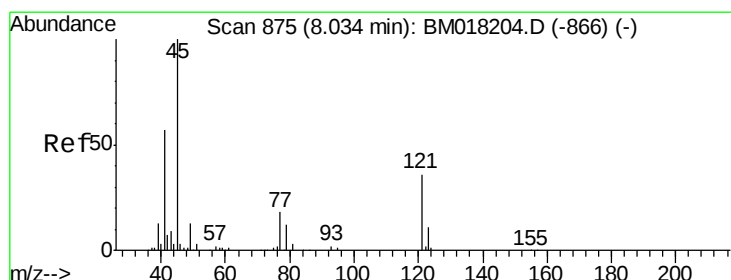
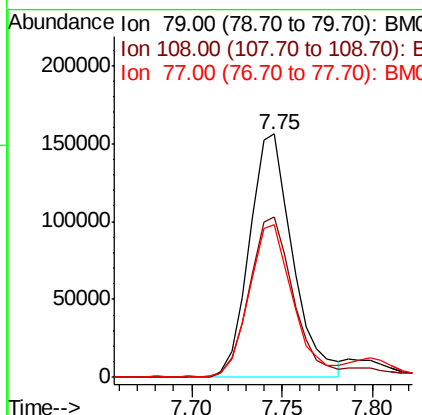
BNA_M

ClientSampleId :

P001-SS012-1824-01MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.072 ng

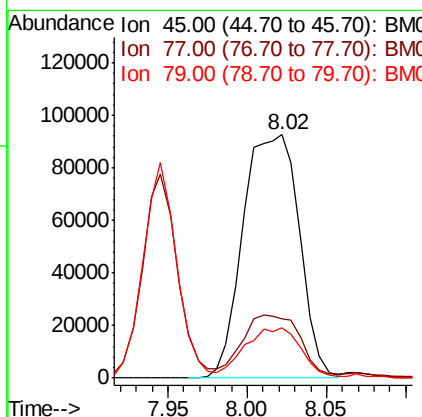
RT: 8.02 min Scan# 873

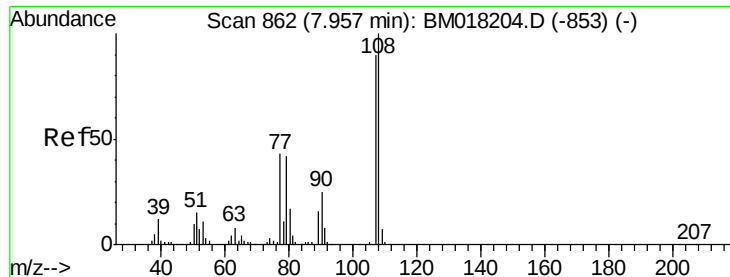
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	45	Resp:	227870
Ion Ratio	Lower	Upper	
45	100		
77	24.3	2.5	42.5
79	20.7	0.0	37.2





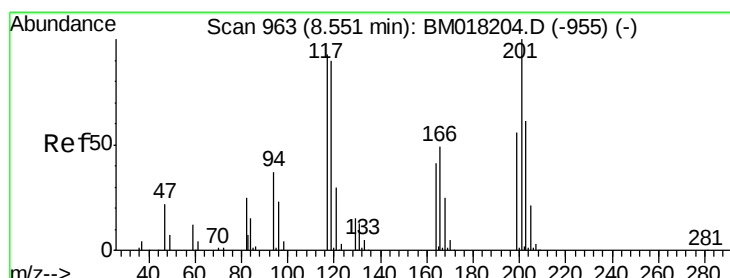
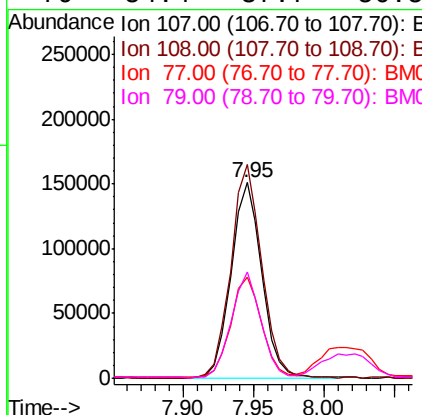
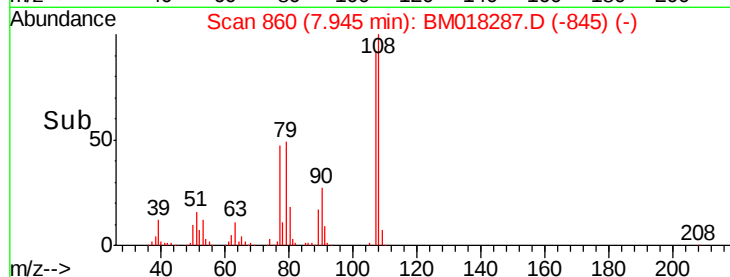
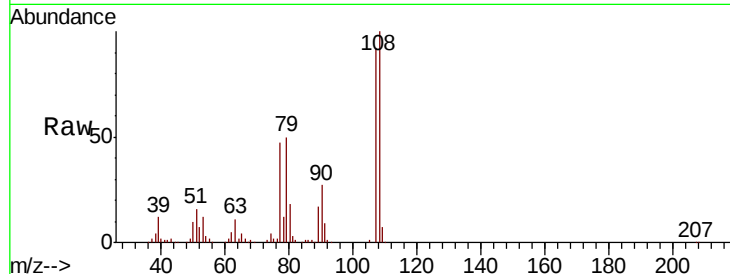
#17
2-Methylphenol
Concen: 31.462 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	89.3	133.9	
77	51.4	38.2	57.4	
79	54.4	37.7	56.5	

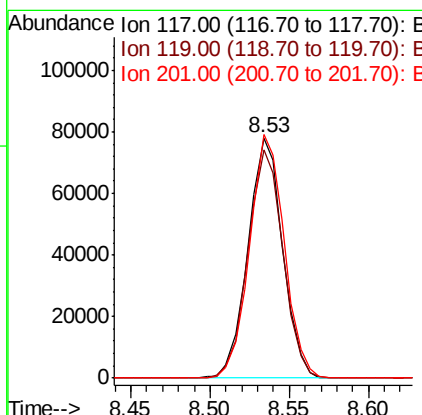
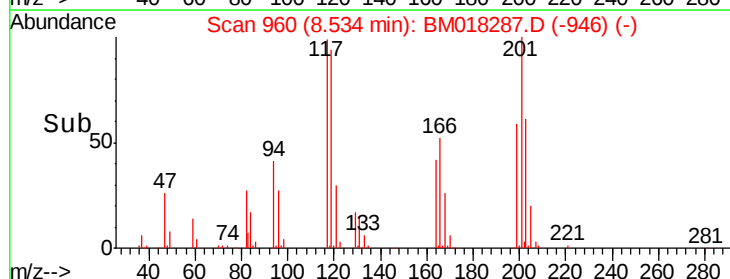
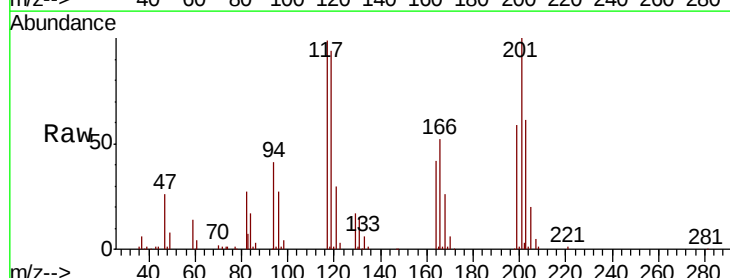
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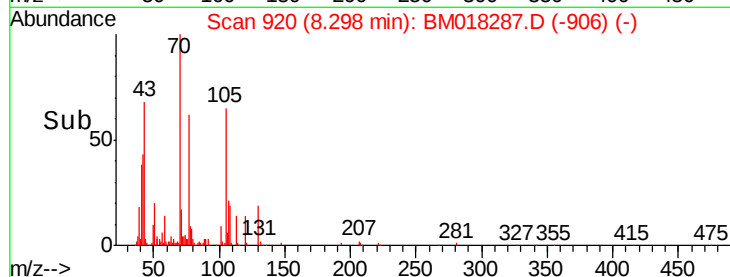
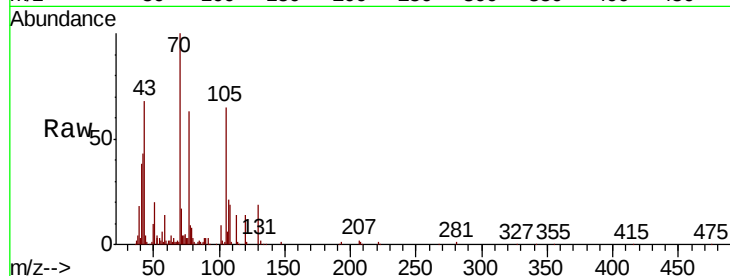
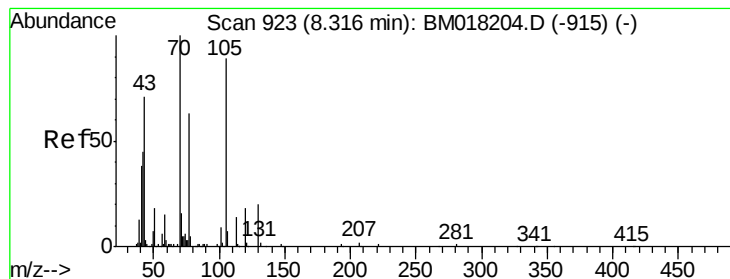
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#18
Hexachloroethane
Concen: 32.425 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.0	115.4	
201	101.3	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 29.436 ng

RT: 8.30 min Scan# 920

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.7	36.2	54.2	
101	9.3	7.5	11.3	
130	19.0	16.4	24.6	

Instrument :

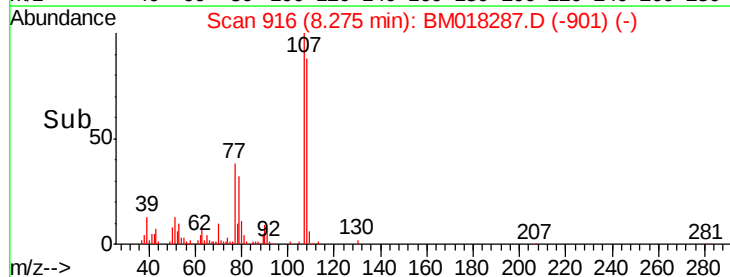
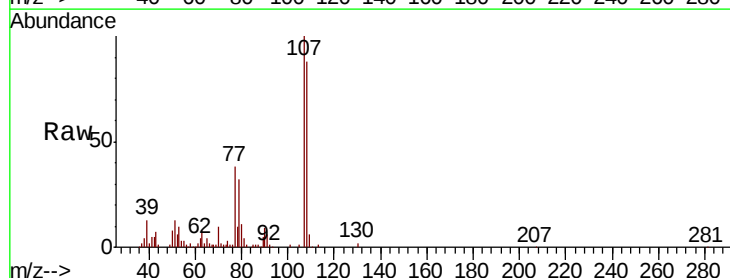
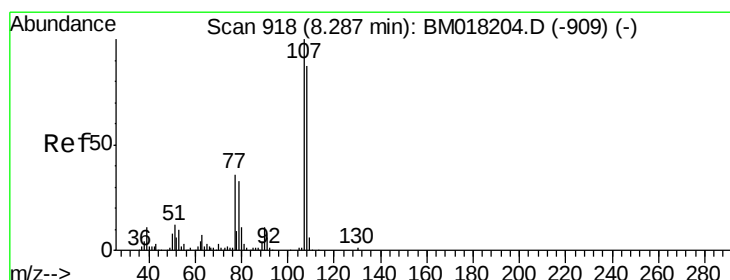
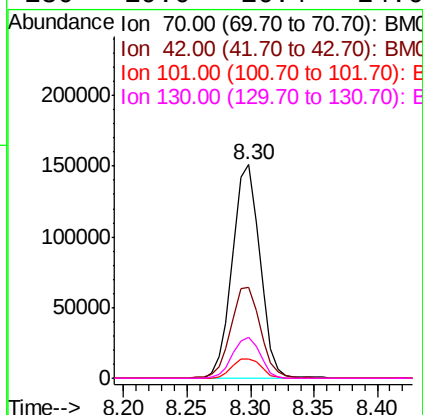
BNA_M

ClientSampleId :

P001-SS012-1824-01MSD

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#20

3+4-Methylphenols

Concen: 29.111 ng

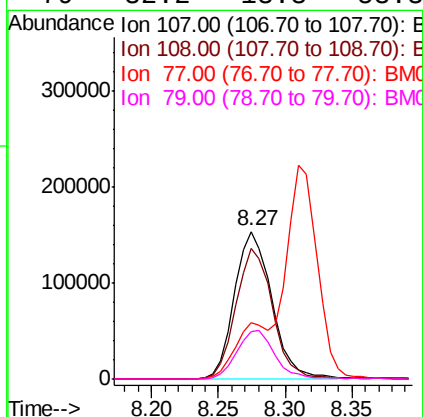
RT: 8.27 min Scan# 916

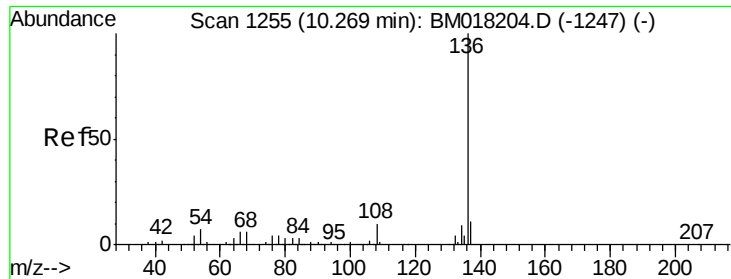
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.4	107.4	
77	38.4	15.7	55.7	
79	32.2	13.3	53.3	





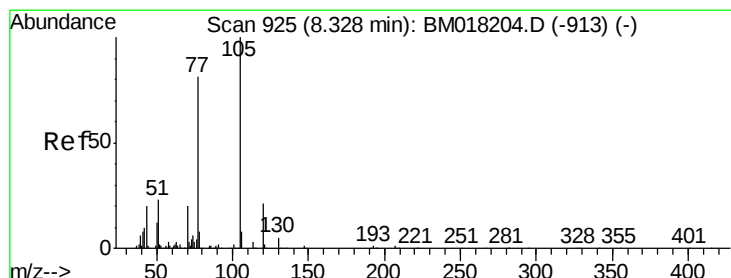
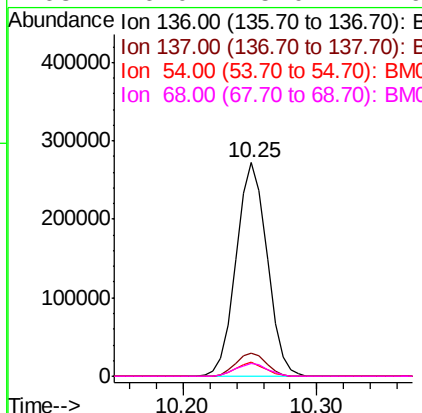
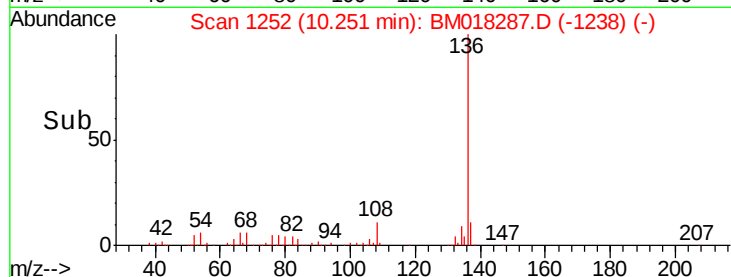
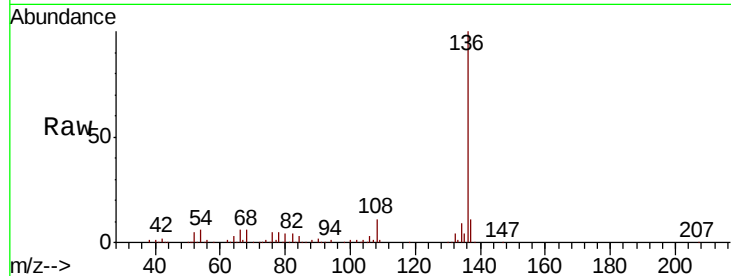
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		436851		
137	10.8	9.2	13.8		
54	6.3	5.2	7.8		
68	6.0	5.0	7.6		

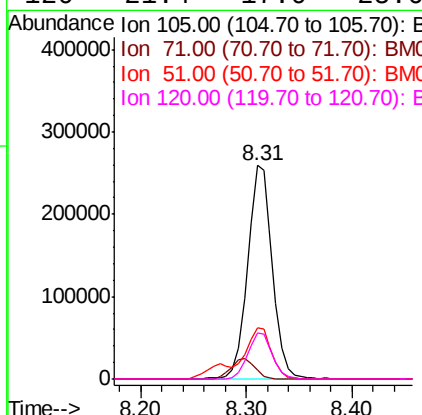
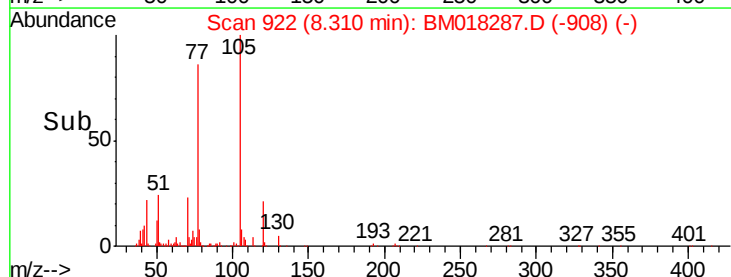
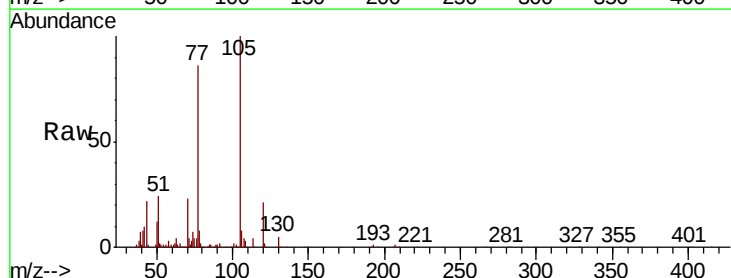
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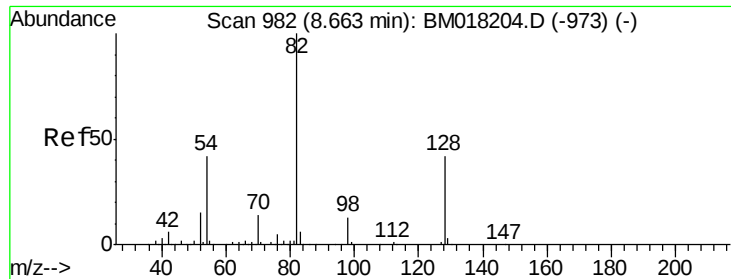
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#22
Acetophenone
Concen: 36.400 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		420806		
71	4.2	2.6	4.0#		
51	24.0	18.3	27.5		
120	21.4	17.0	25.6		





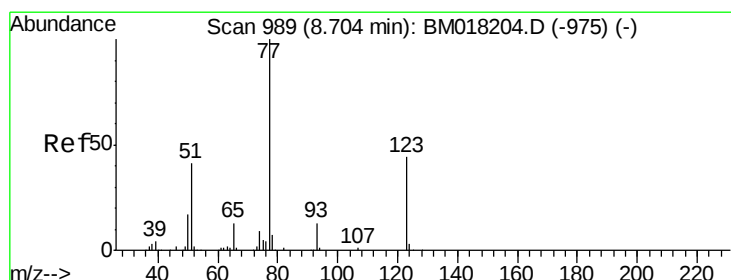
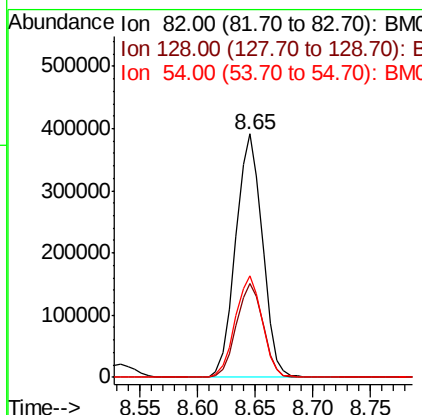
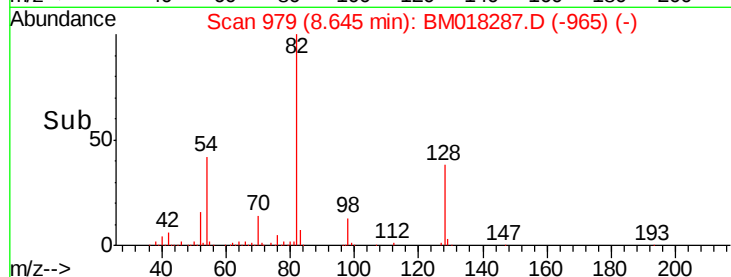
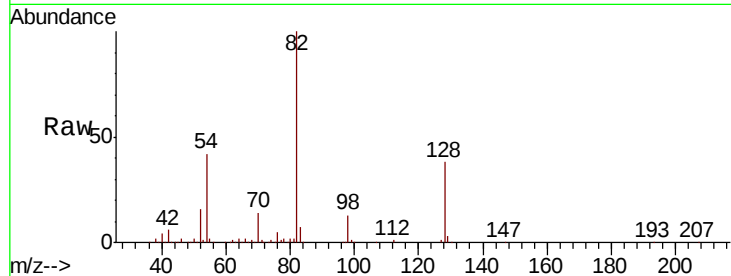
#23
Nitrobenzene-d5
Concen: 73.880 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	629215		
128	38.4		33.4	50.2
54	41.5		33.4	50.2

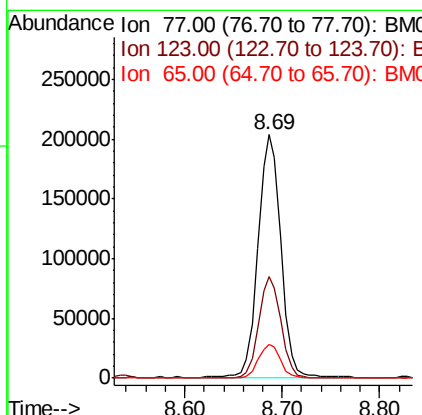
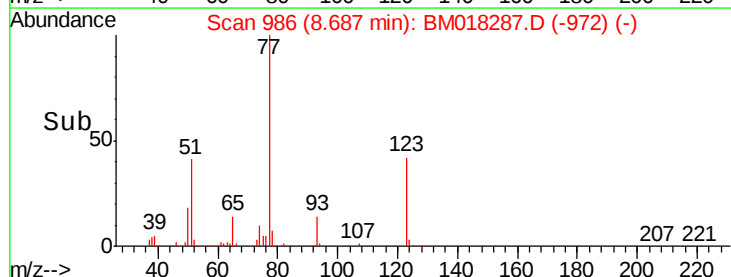
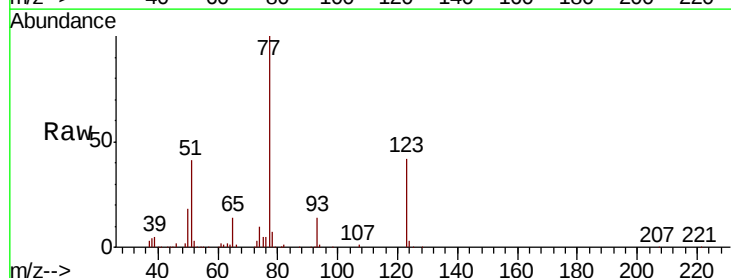
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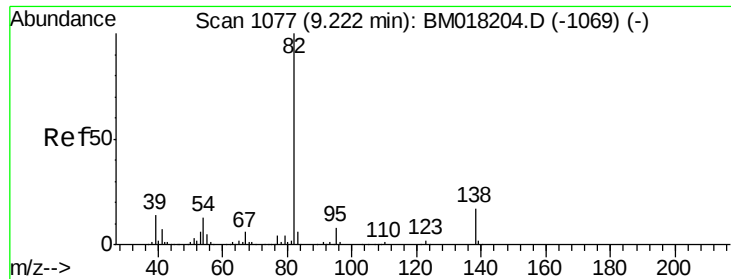
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#24
Nitrobenzene
Concen: 39.185 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	333457		
123	41.8		35.4	53.2
65	13.8		10.6	15.8





#25

Isophorone

Concen: 39.212 ng

RT: 9.20 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

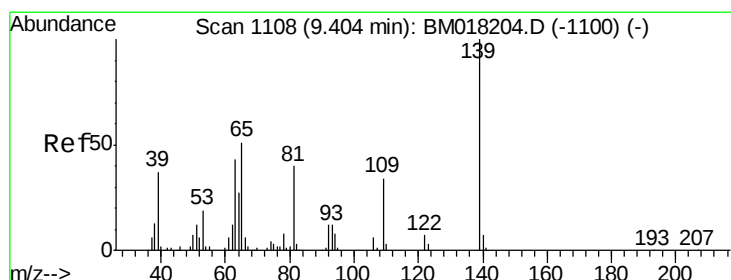
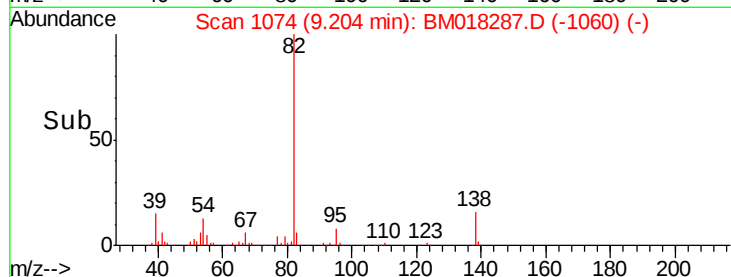
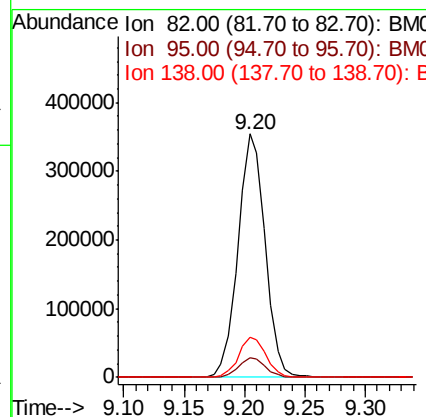
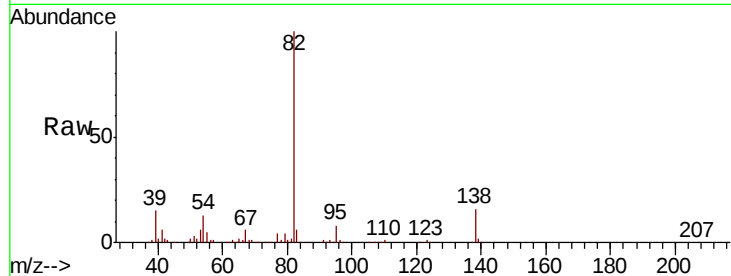
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	82	Resp:	556001
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.4	9.6
138	16.3	13.9	20.9

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#26

2-Nitrophenol

Concen: 34.888 ng

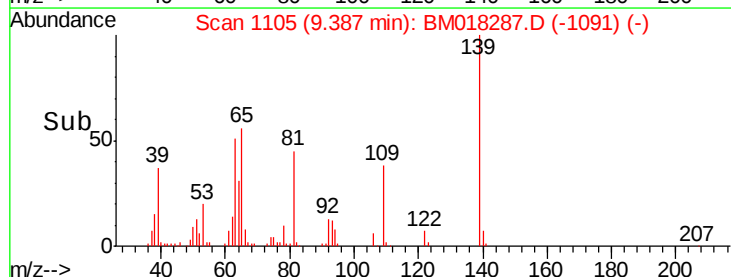
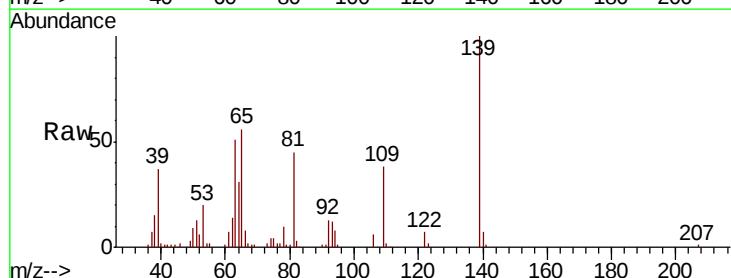
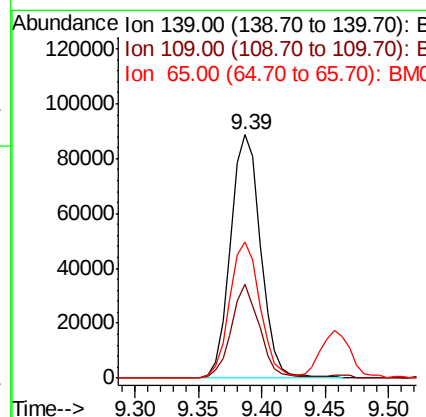
RT: 9.39 min Scan# 1105

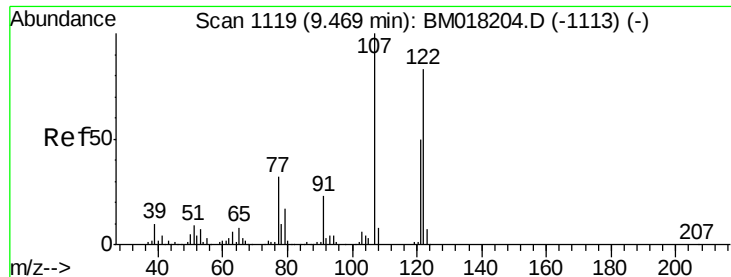
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	139	Resp:	145617
Ion Ratio	Lower	Upper	
139	100		
109	38.5	27.4	41.0
65	56.1	41.0	61.4





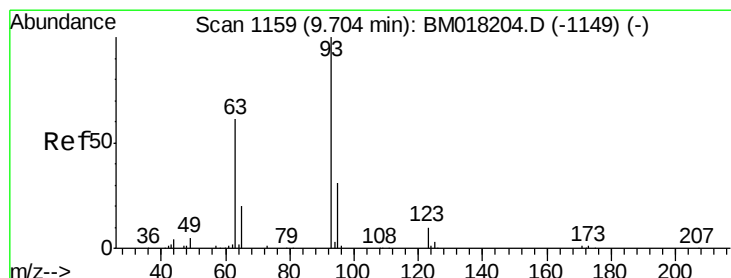
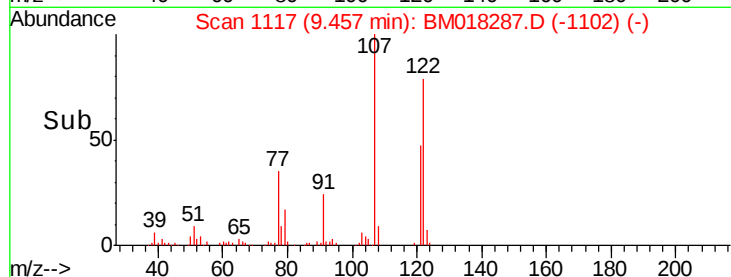
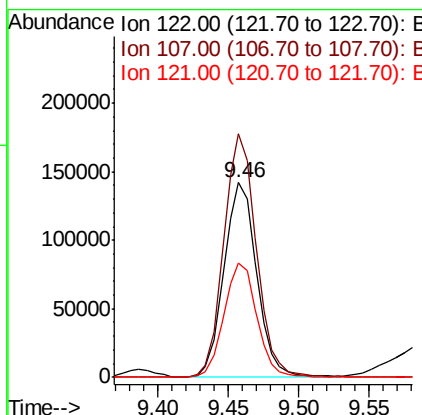
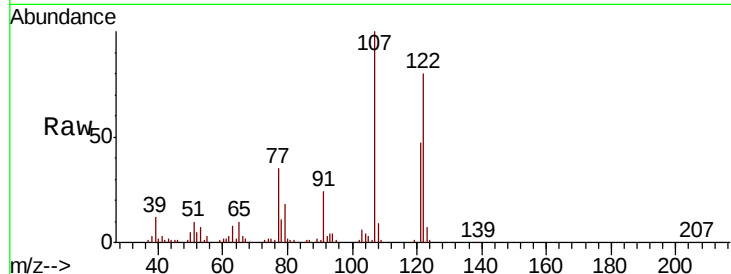
#27
2,4-Dimethylphenol
Concen: 38.308 ng
RT: 9.46 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	96.5	144.7
121	58.6	48.2	72.4

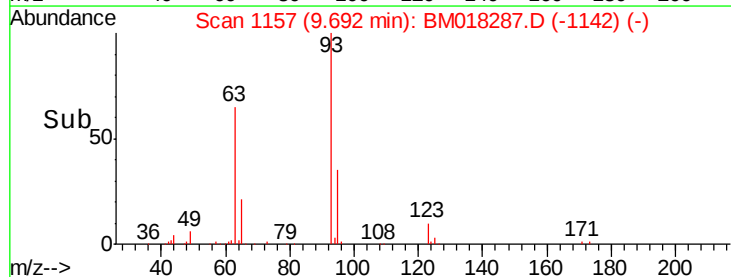
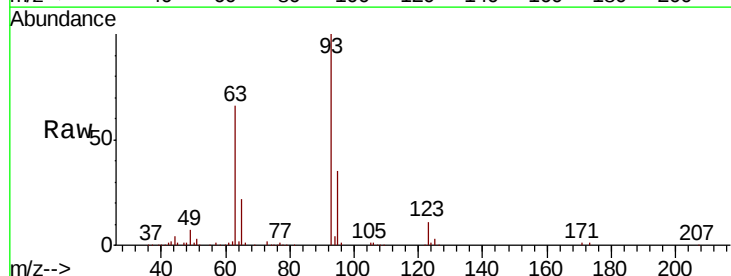
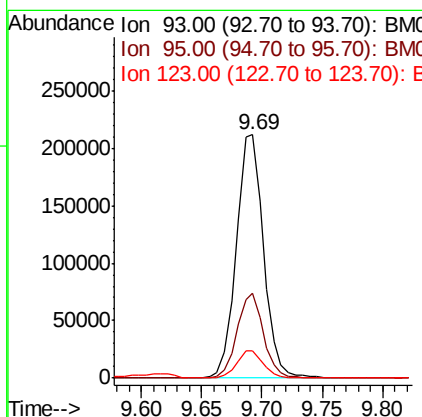
Manual Integrations
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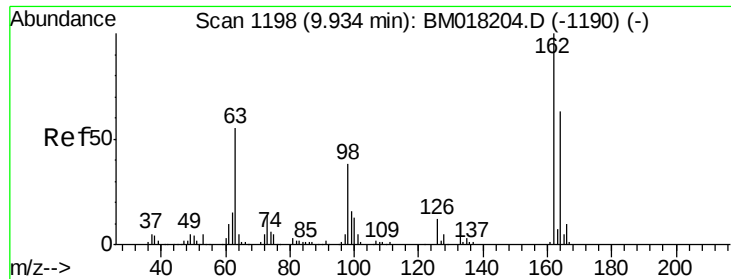
Sohil
12/19/2018 4:18:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.040 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	25.3	37.9
123	11.3	9.3	13.9





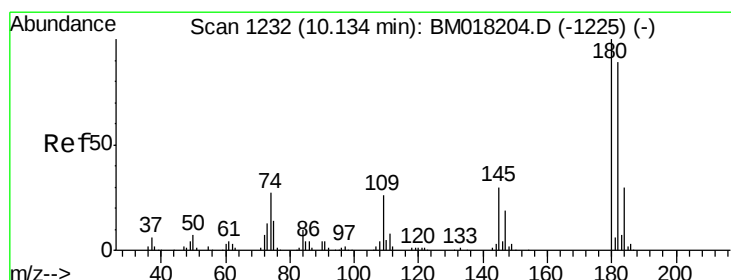
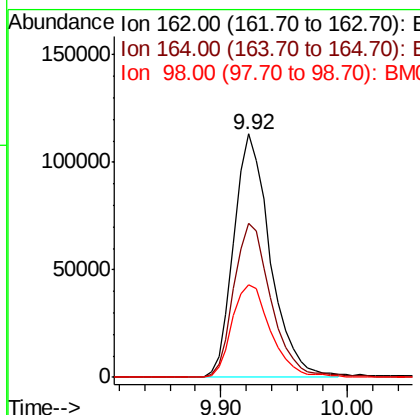
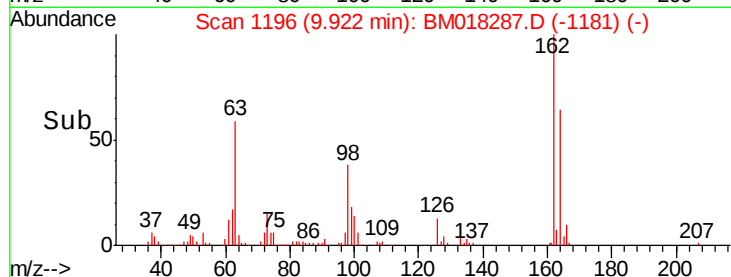
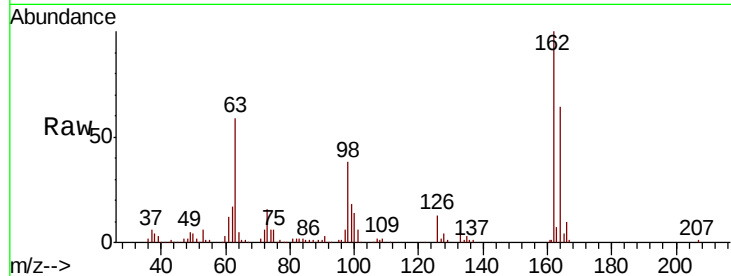
#29
2,4-Dichlorophenol
Concen: 33.830 ng
RT: 9.92 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225631		
164	63.5	43.0	83.0	
98	38.2	18.3	58.3	

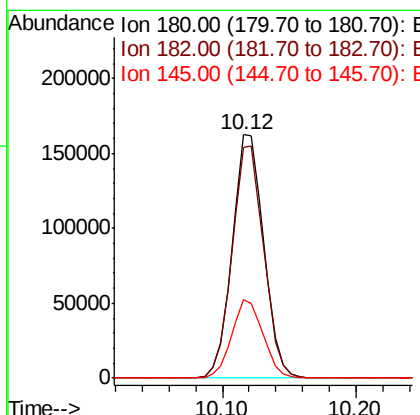
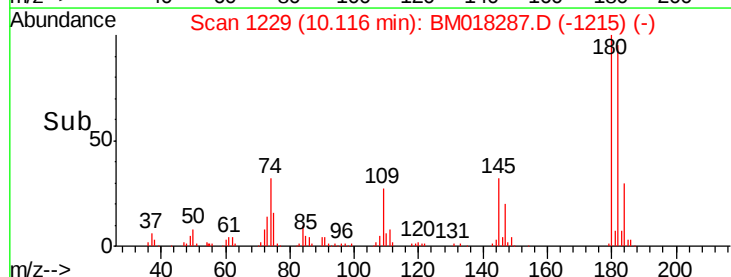
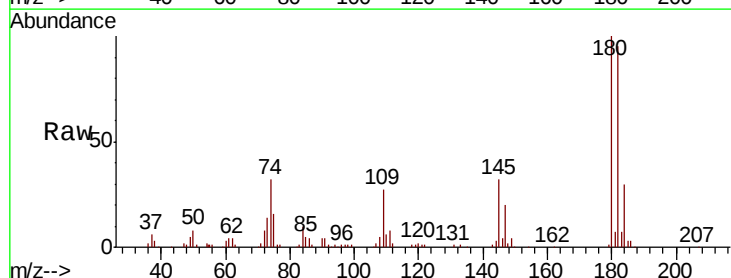
Manual Integrations
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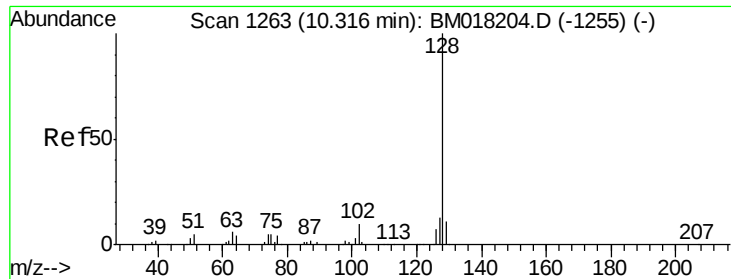
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#30
1,2,4-Trichlorobenzene
Concen: 35.229 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267261		
182	94.7	71.4	107.2	
145	32.3	24.4	36.6	





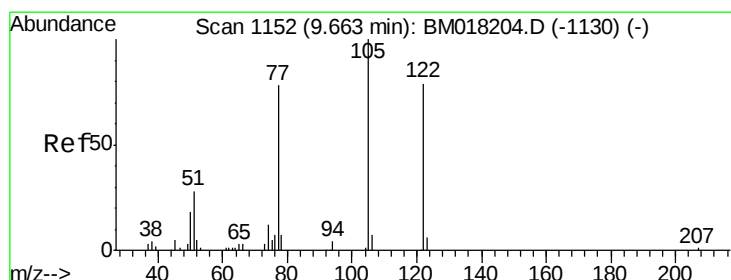
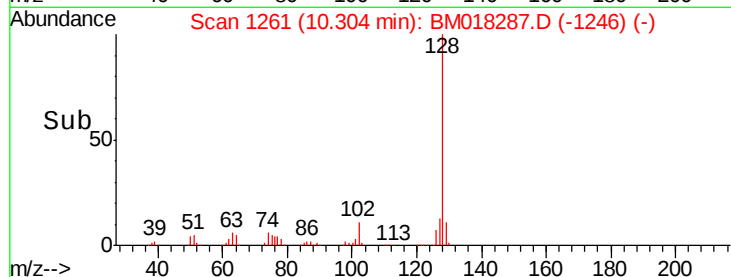
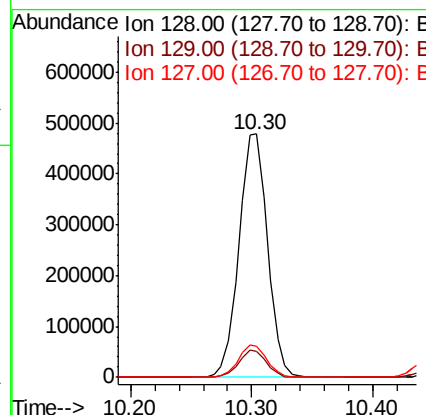
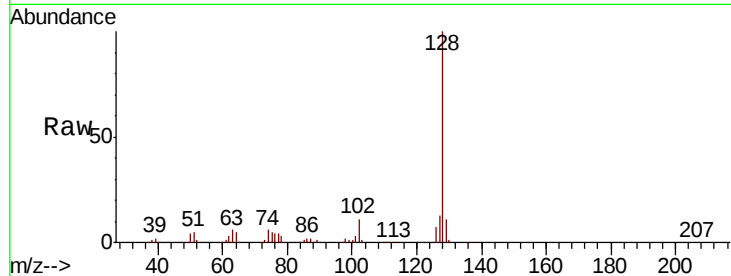
#31
Naphthalene
Concen: 37.111 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.4	15.6

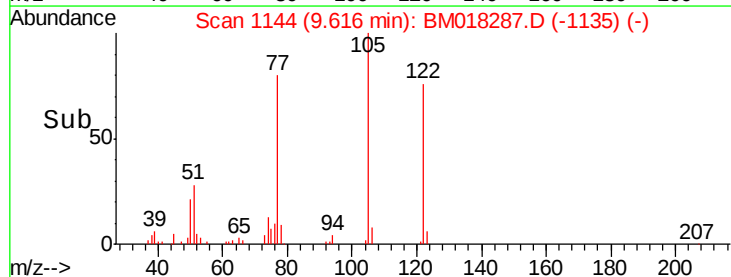
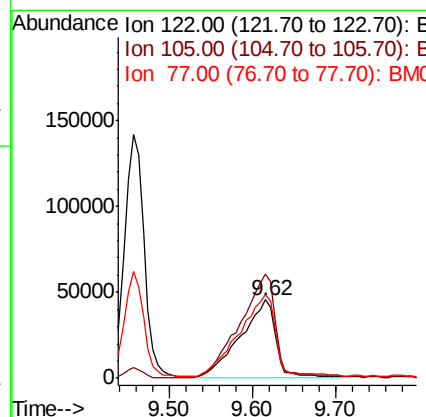
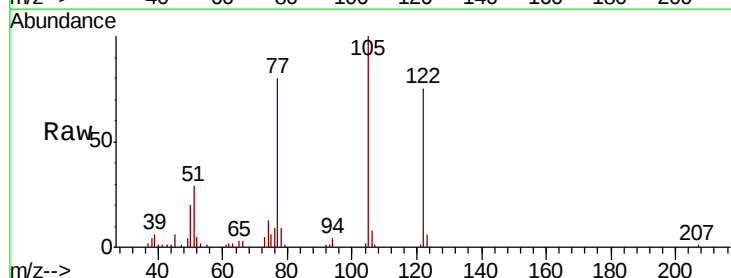
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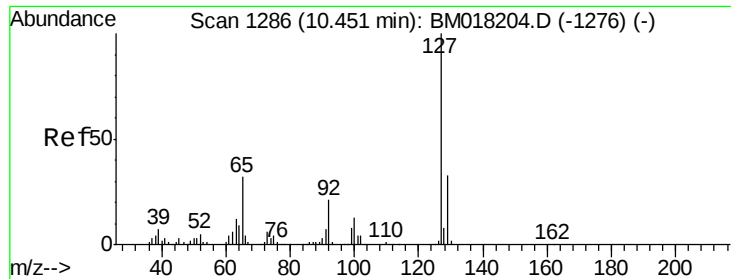
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#32
Benzoic acid
Concen: 23.402 ng m
RT: 9.62 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	104.8	144.8
77	106.9	77.7	117.7





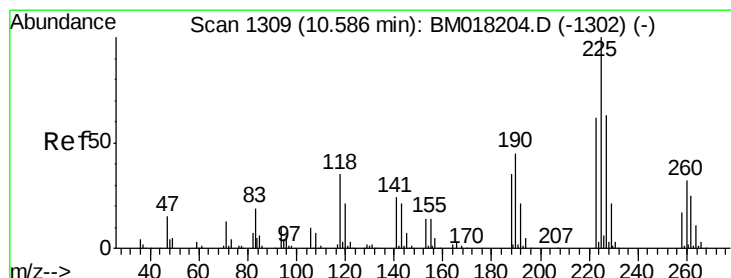
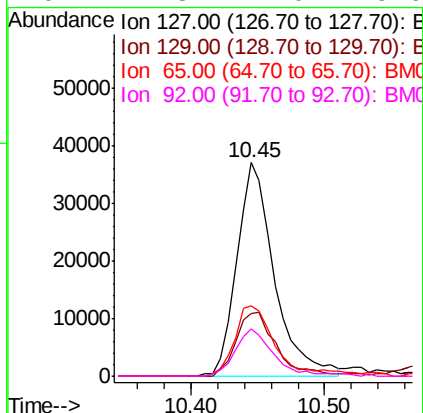
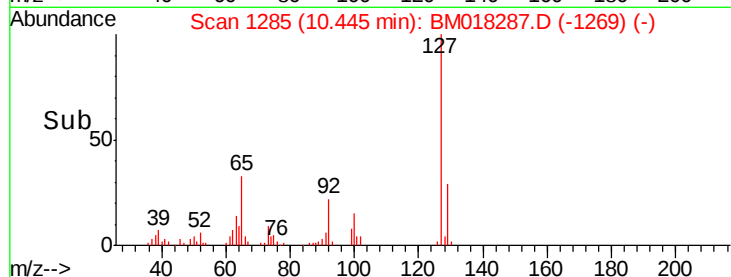
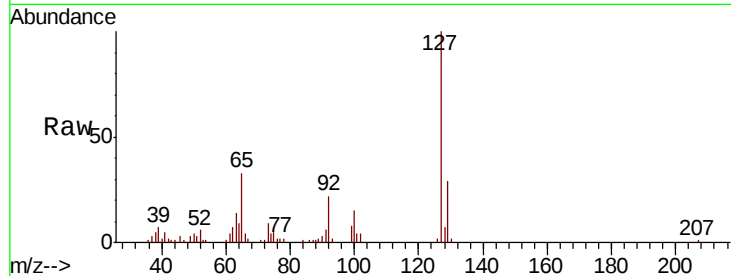
#33
4-Chloroaniline
Concen: 7.731 ng
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	26.4	39.6
65	33.0	25.6	38.4
92	22.3	17.0	25.6

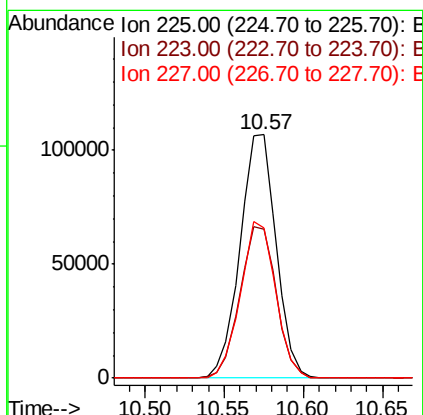
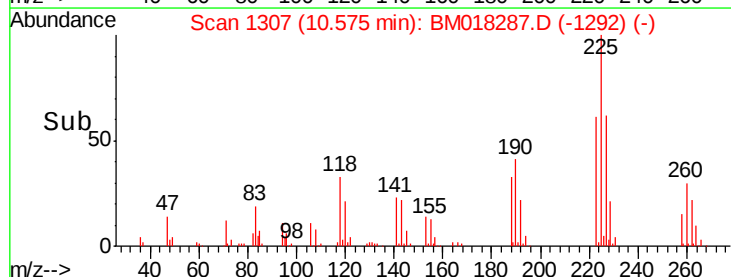
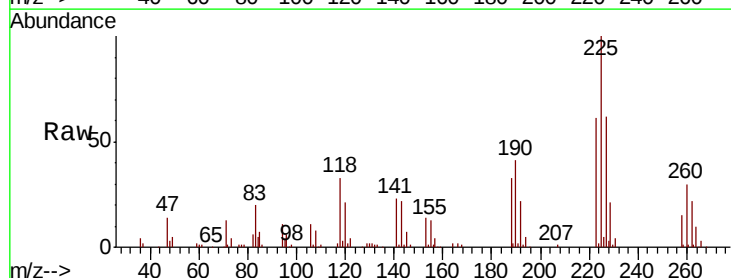
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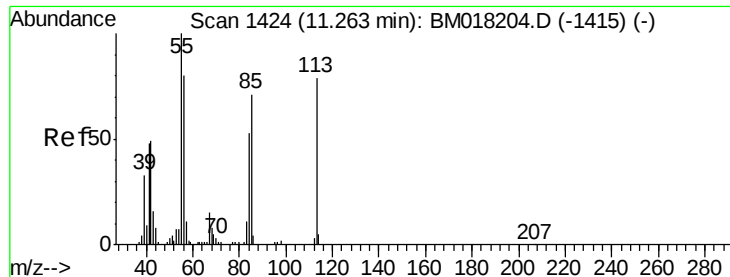
Sohil
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#34
Hexachlorobutadiene
Concen: 35.271 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	61.8	50.2	75.4





#35

Caprolactam

Concen: 23.707 ng

RT: 11.24 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

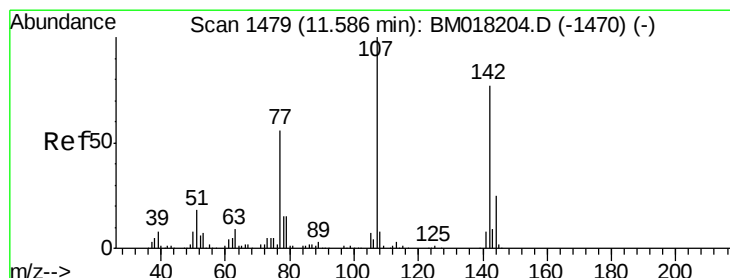
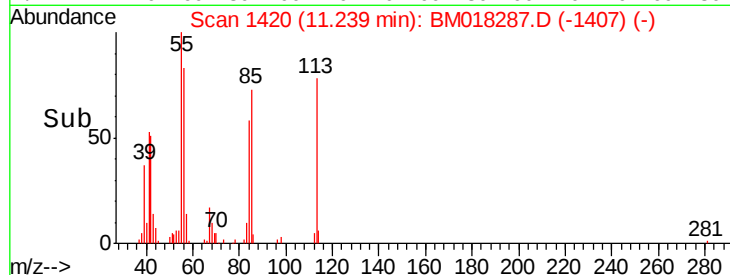
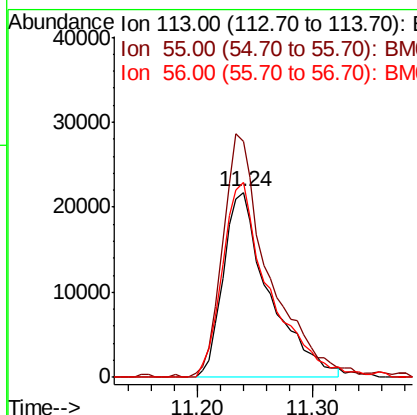
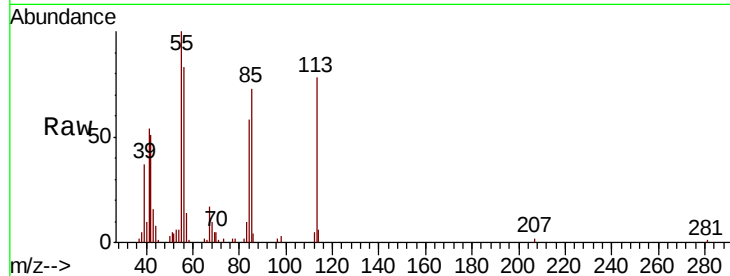
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	113	Resp:	60249
Ion	Ratio	Lower	Upper
113	100		
55	127.6	105.9	145.9
56	105.4	80.1	120.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 29.101 ng

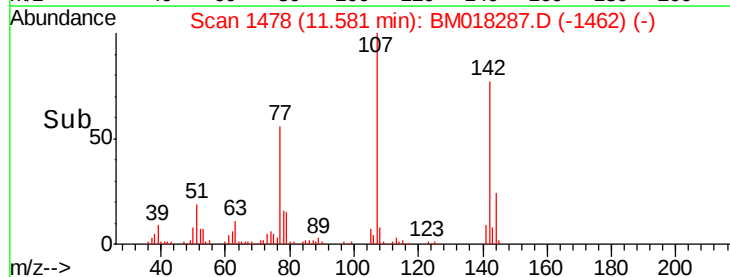
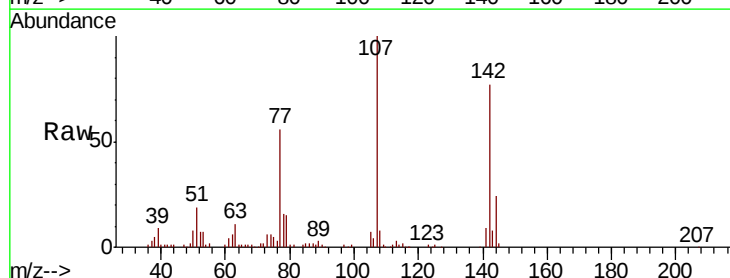
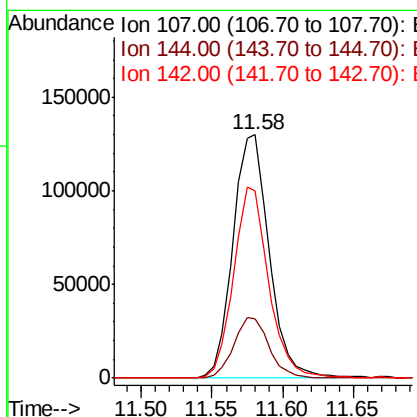
RT: 11.58 min Scan# 1478

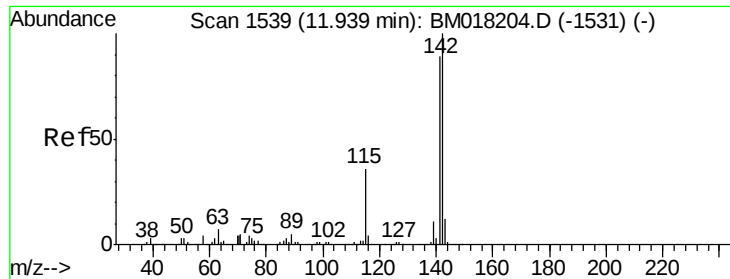
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	107	Resp:	233219
Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.1	30.1
142	76.8	61.7	92.5





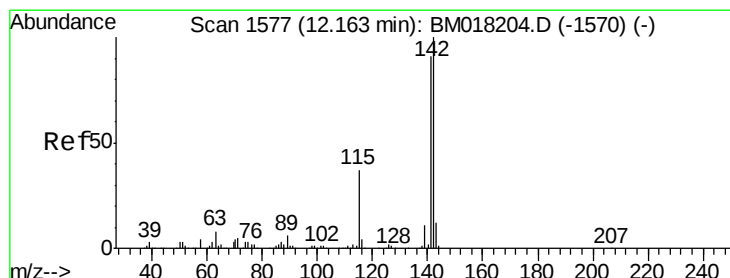
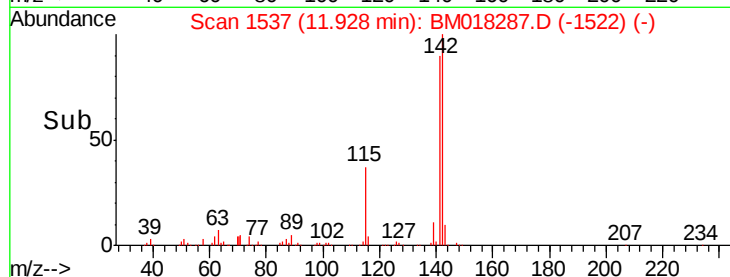
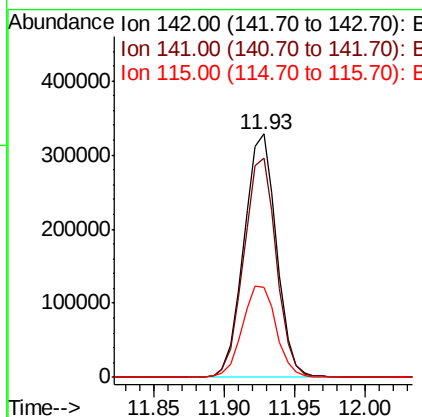
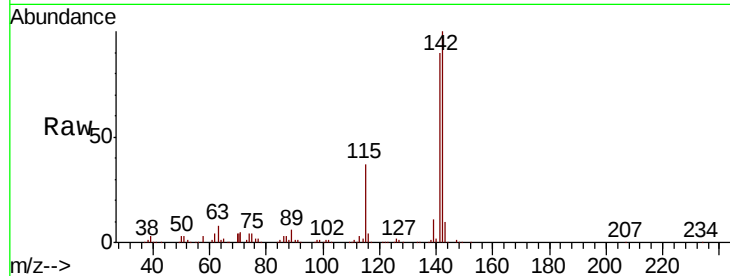
#37
2-Methylnaphthalene
Concen: 35.226 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	37.1	29.0	43.6

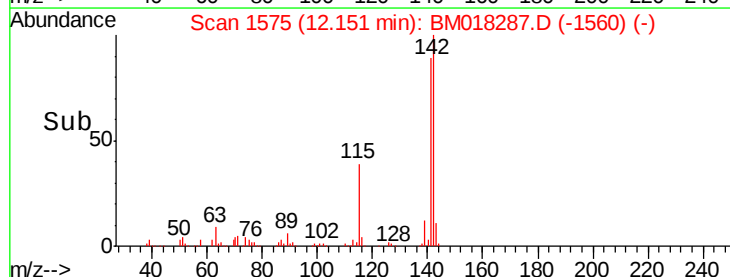
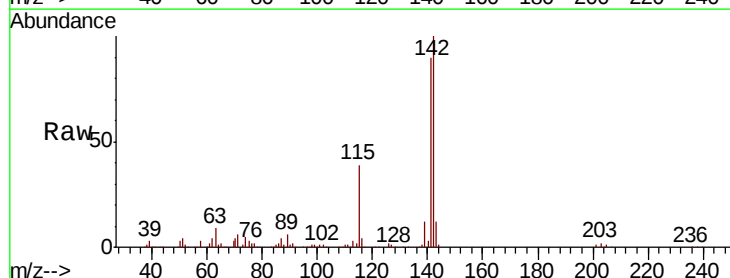
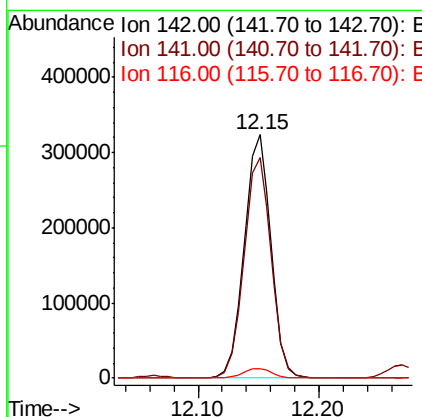
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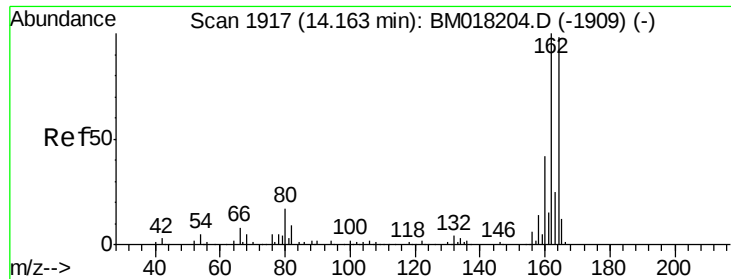
Sohil
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#38
1-Methylnaphthalene
Concen: 33.927 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.4
116	4.1	3.0	4.6





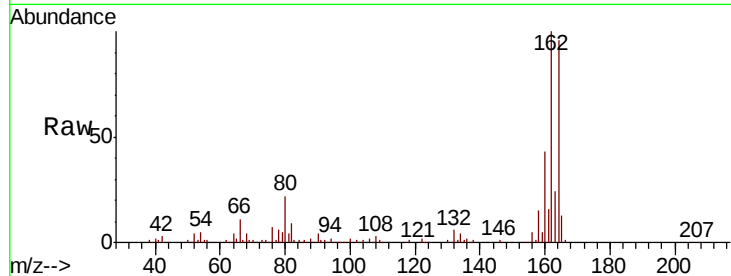
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	197906		
162	104.4	81.8	122.6	
160	45.1	34.6	51.8	

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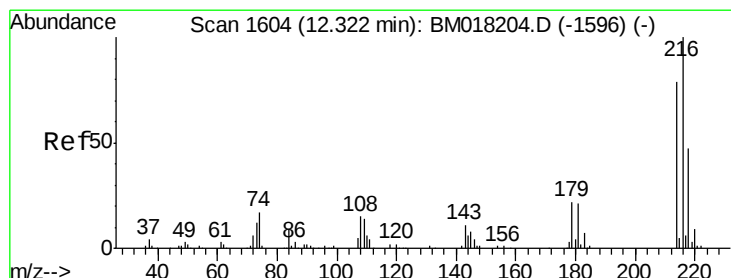
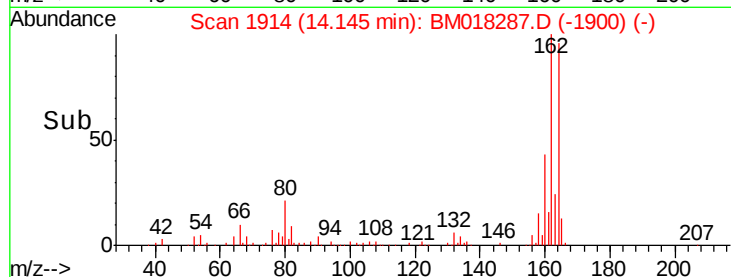
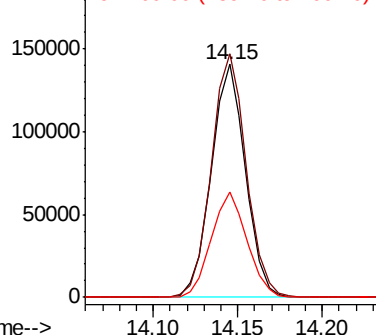


Abundance

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: 38.337 ng
RT: 12.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	260902		
214	78.8	63.4	95.0	
179	22.6	17.2	25.8	
108	21.4	14.6	21.8	

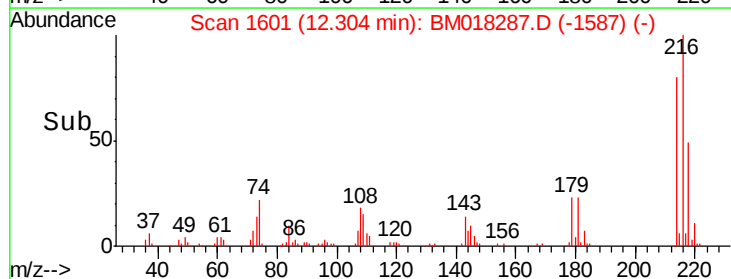
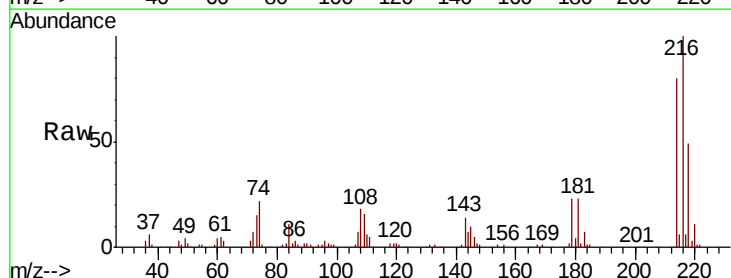
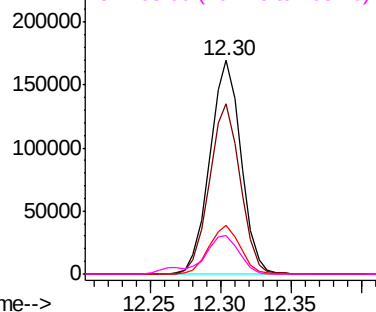
Abundance

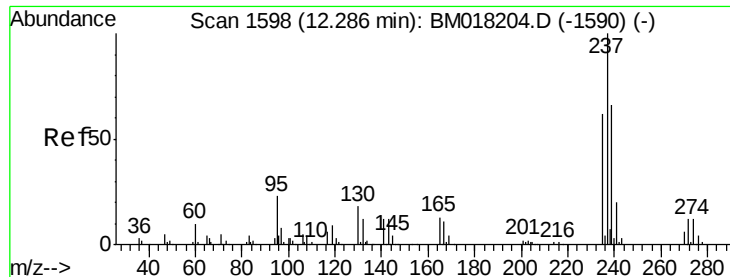
Ion 216.00 (215.70 to 216.70): E

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: 68.887 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

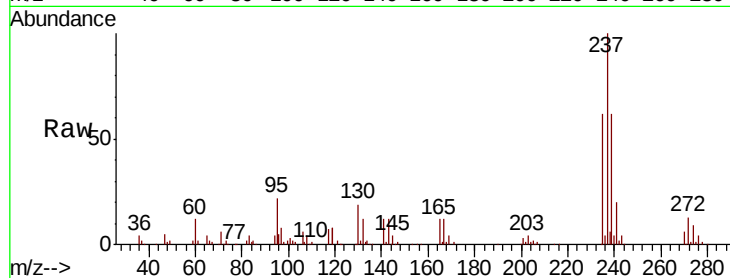
ClientSampleId :

P001-SS012-1824-01MSD

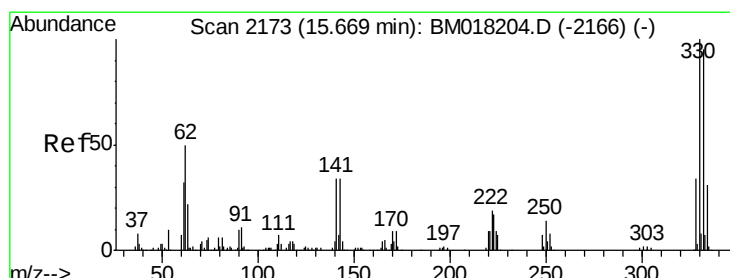
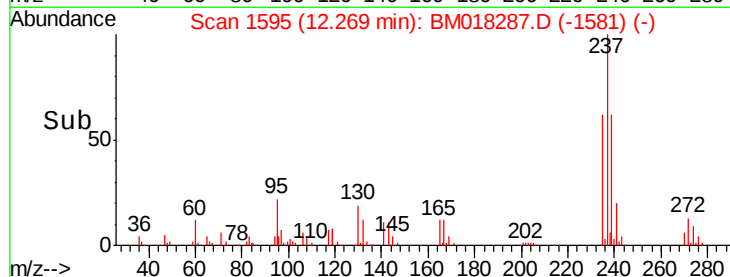
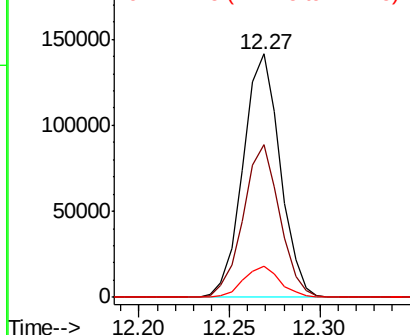
Tot Ion:	237	Resp:	201571
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.1	82.1
272	12.8	0.0	32.1

Manual Integrations
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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: 84.872 ng

RT: 15.66 min Scan# 2171

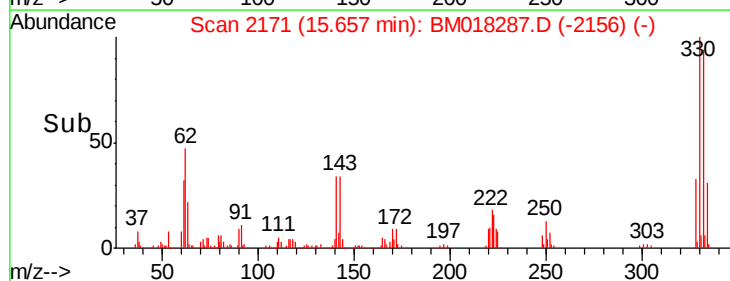
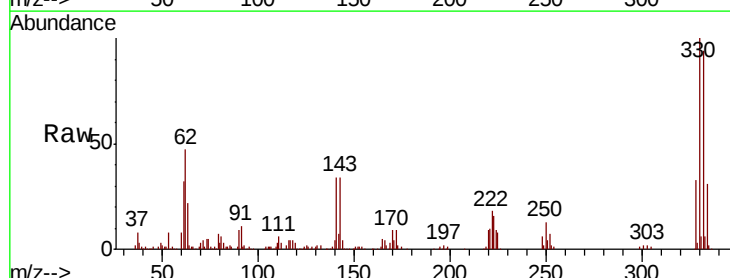
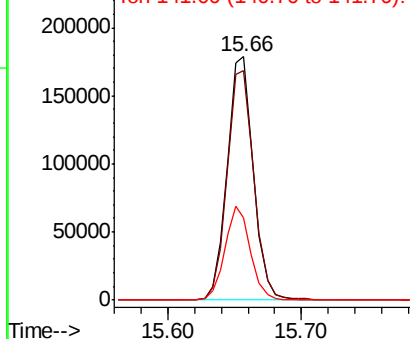
Delta R.T. -0.01 min

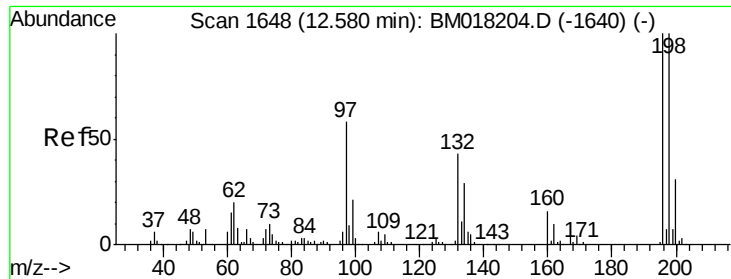
Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	330	Resp:	246528
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.6	118.0
141	37.4	27.1	40.7

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





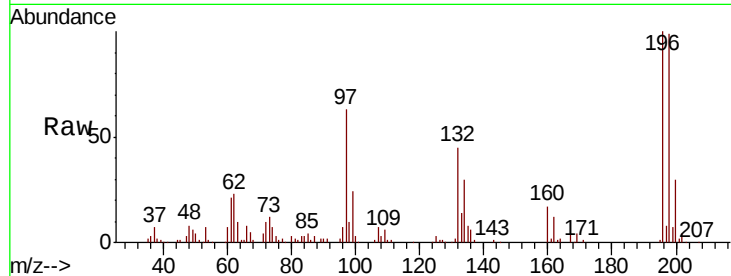
#43
 2,4,6-Trichlorophenol
 Concen: 37.480 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164054		
198	98.5	80.1	120.1	
200	30.2	24.9	37.3	

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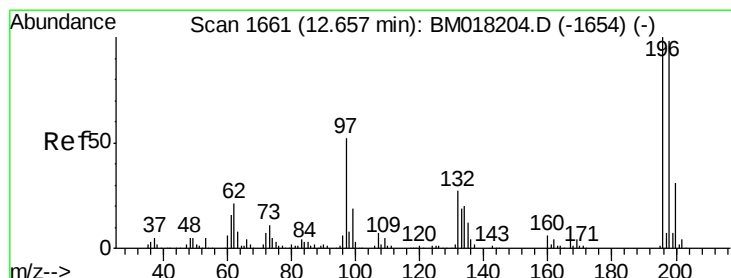
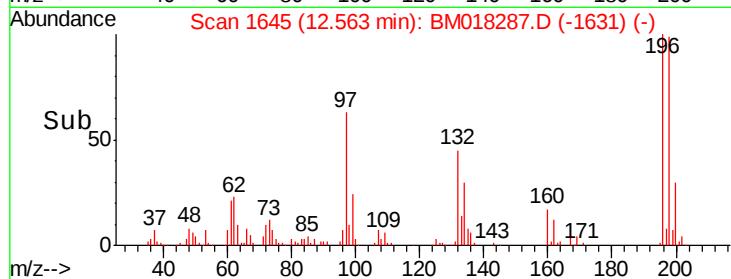
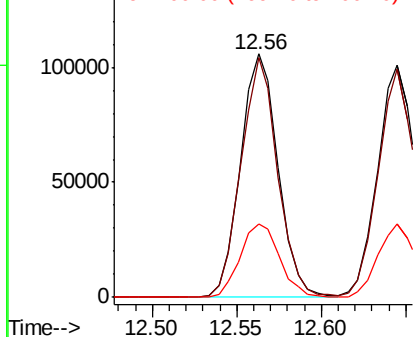


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.944 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162381		
198	98.1	78.5	117.7	
97	54.3	41.9	62.9	
132	28.3	21.7	32.5	

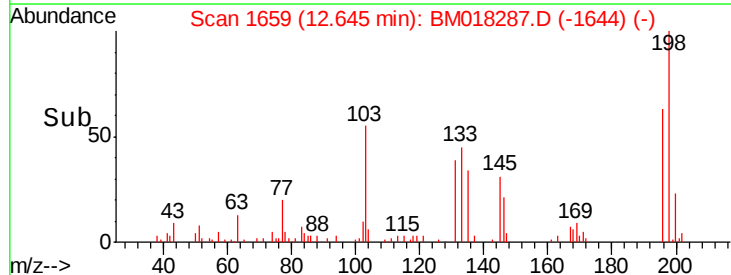
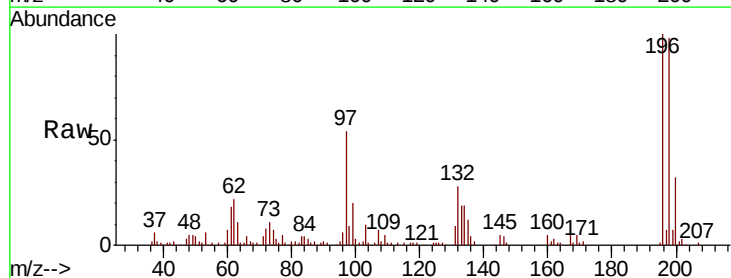
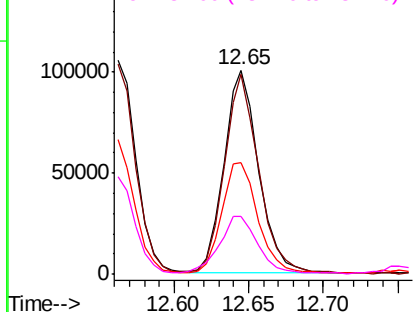
Abundance

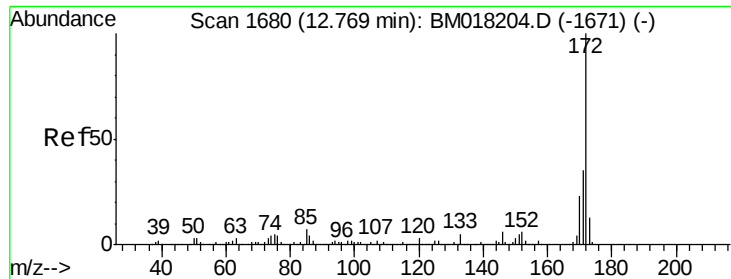
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





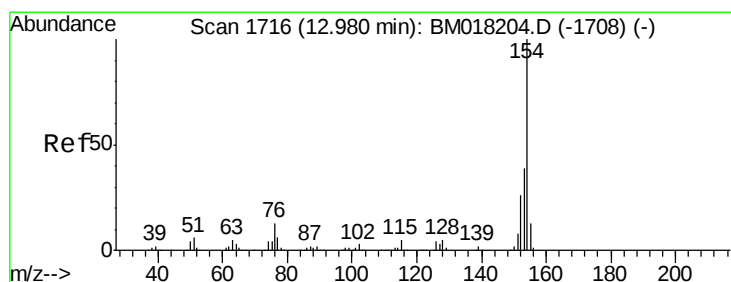
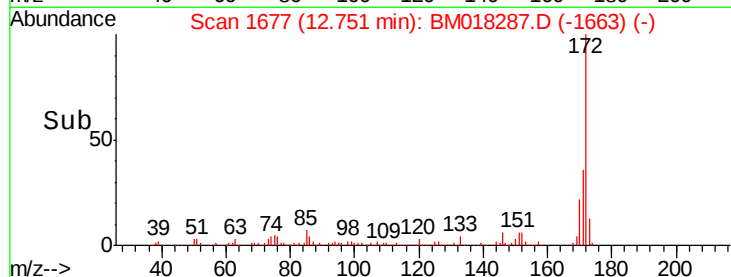
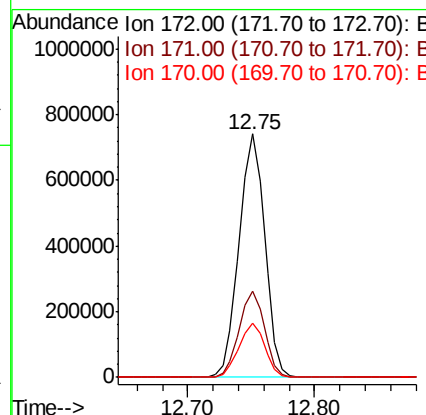
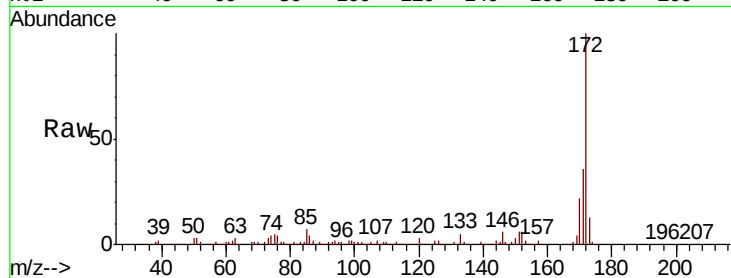
#45
2-Fluorobiphenyl
Concen: 68.104 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.3	18.1	27.1

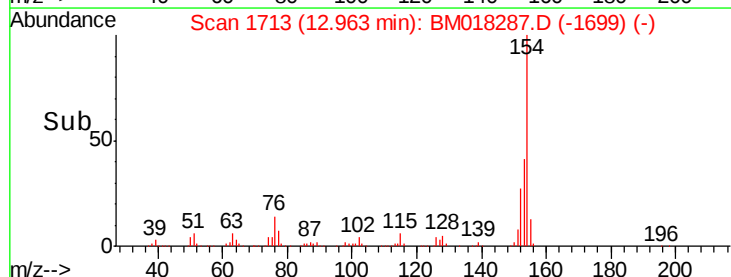
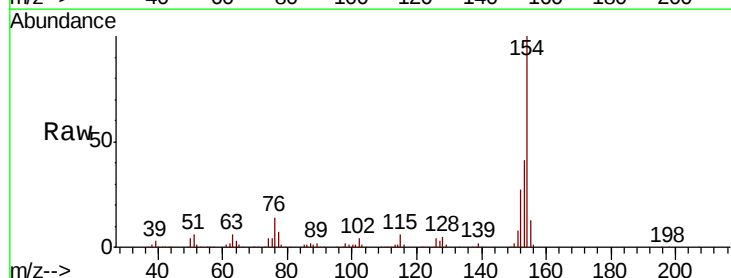
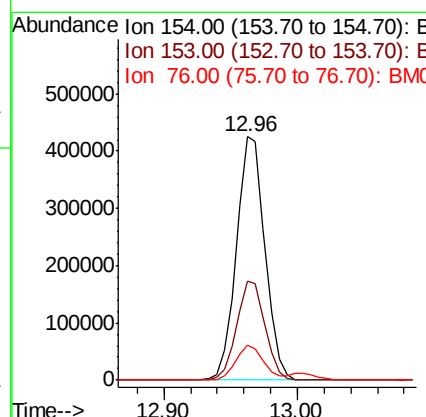
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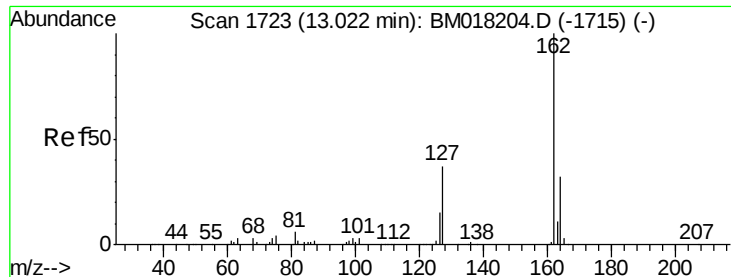
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#46
1,1'-Biphenyl
Concen: 35.460 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.5	59.5
76	14.1	0.0	33.1





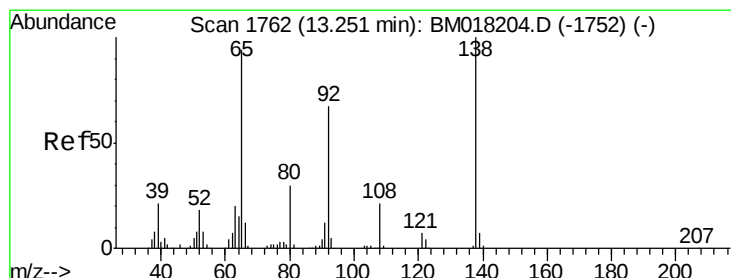
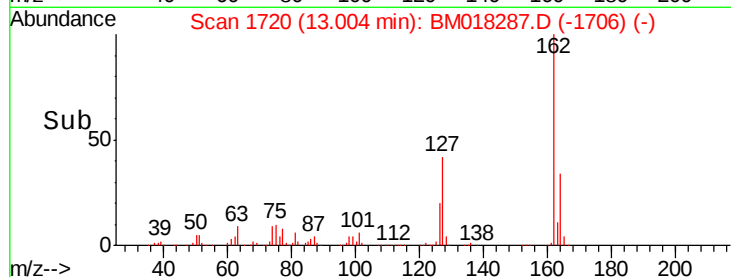
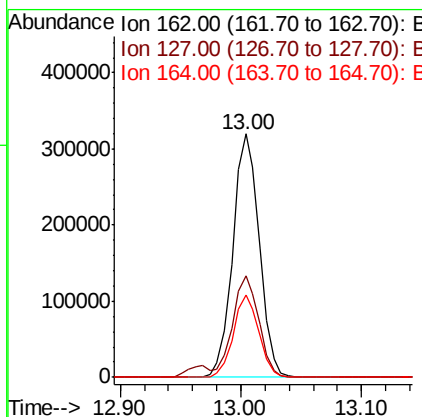
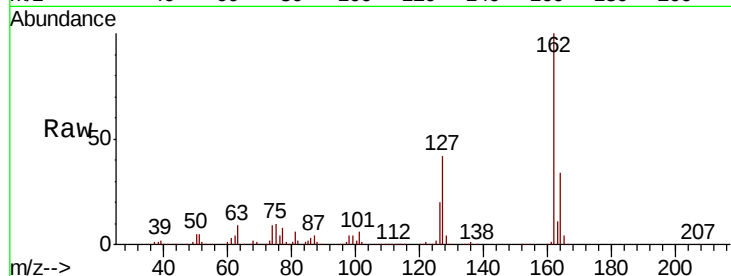
#47
2-Chloronaphthalene
Concen: 37.122 ng
RT: 13.00 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.8	47.8
164	33.9	25.9	38.9

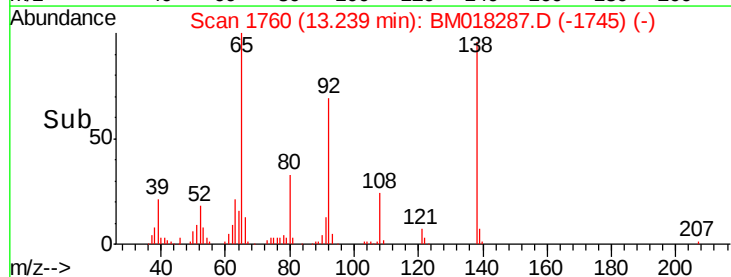
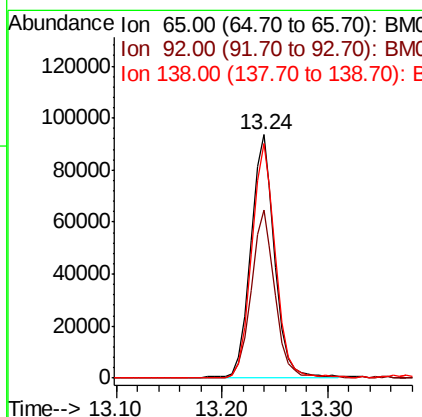
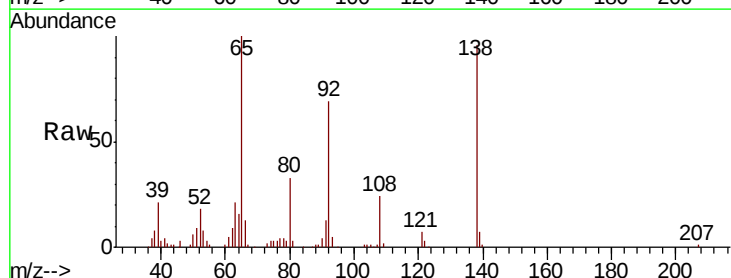
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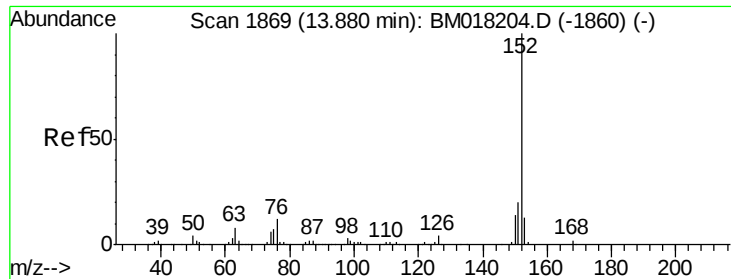
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#48
2-Nitroaniline
Concen: 36.678 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	56.8	85.2
138	96.1	85.1	127.7





#49

Acenaphthylene

Concen: 37.555 ng

RT: 13.86 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

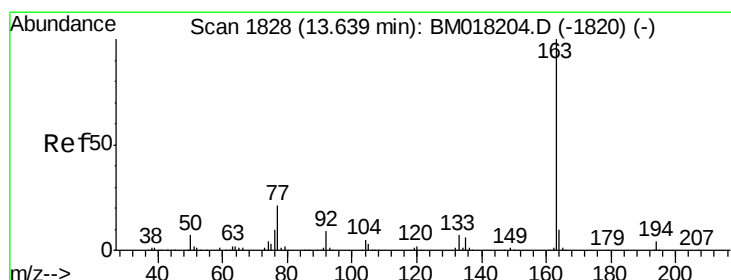
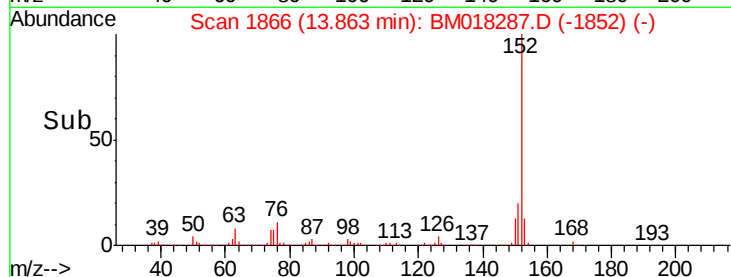
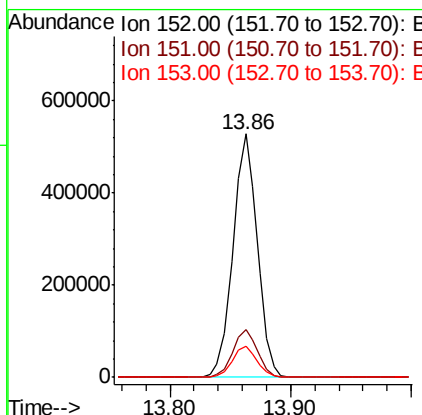
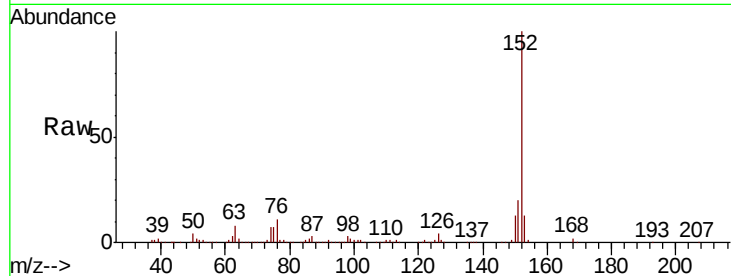
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	152	Resp:	741638
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	12.7	10.2	15.2

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#50

Dimethylphthalate

Concen: 39.703 ng

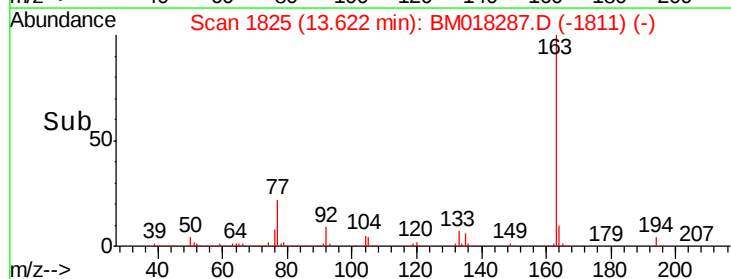
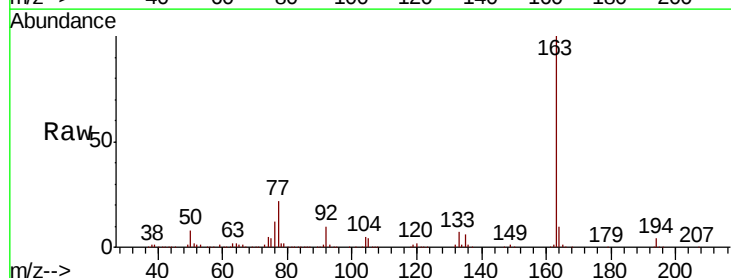
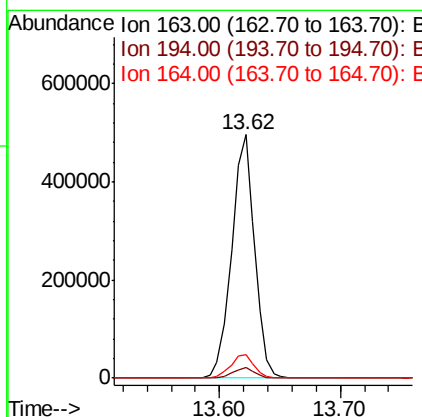
RT: 13.62 min Scan# 1825

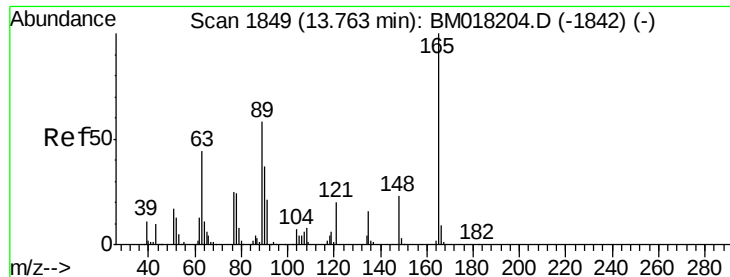
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	163	Resp:	653241
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	9.8	7.9	11.9





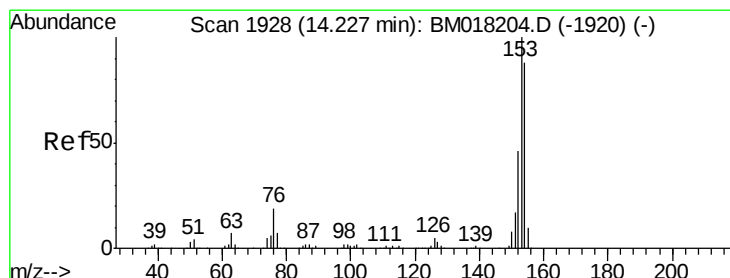
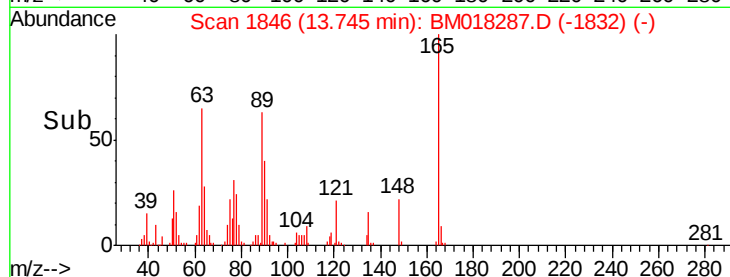
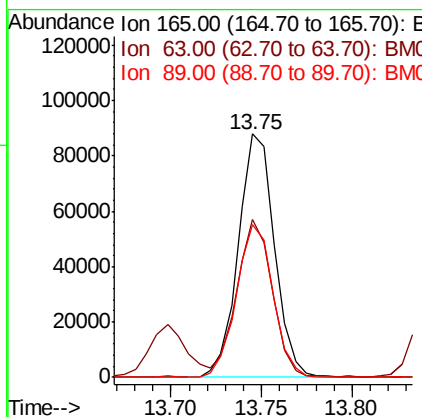
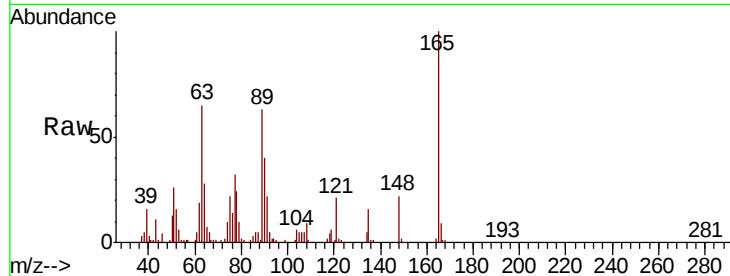
#51
2,6-Dinitrotoluene
Concen: 33.722 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion:	165	Resp:	121971
Ion Ratio	Lower	Upper	
165	100		
63	64.6	46.6	69.8
89	62.7	46.3	69.5

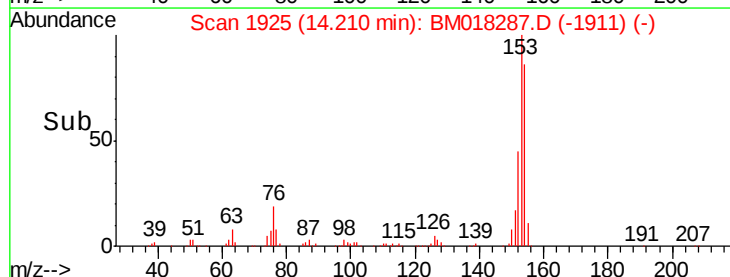
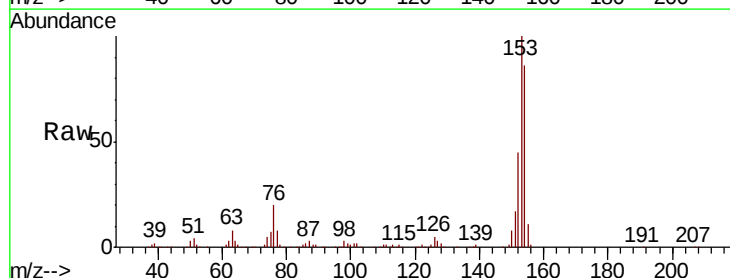
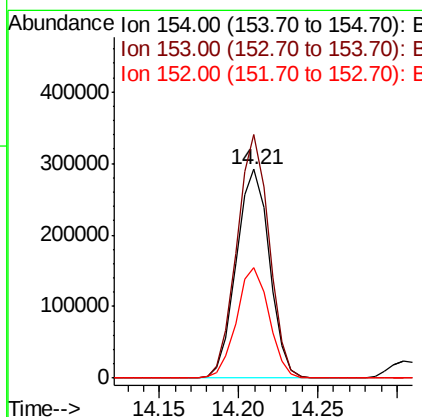
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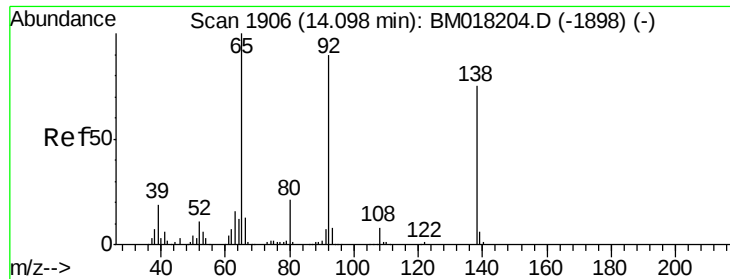
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#52
Acenaphthene
Concen: 35.061 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion:	154	Resp:	423131
Ion Ratio	Lower	Upper	
154	100		
153	116.8	90.4	135.6
152	52.9	41.2	61.8





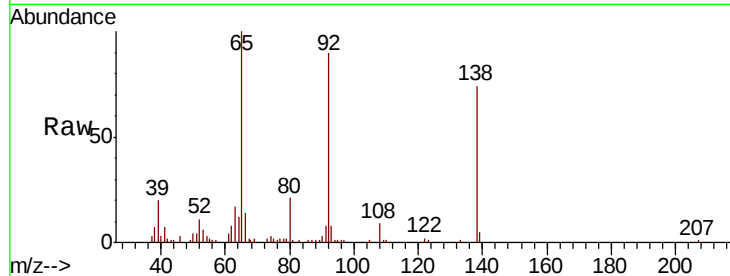
#53
3-Nitroaniline
Concen: 18.610 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

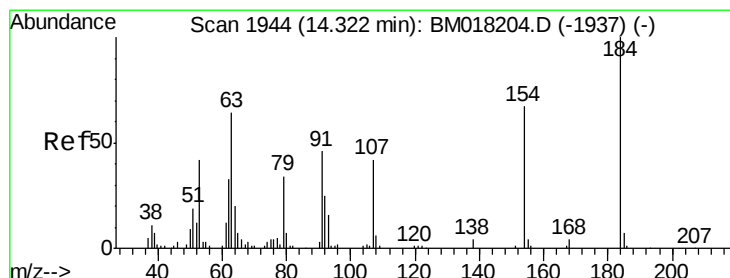
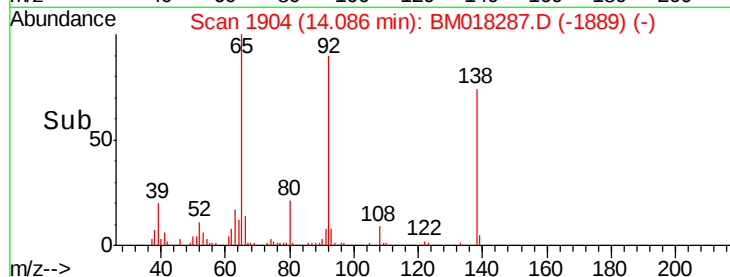
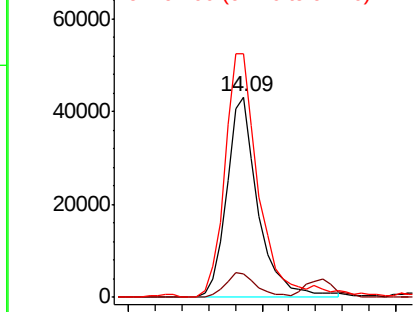
Tot Ion:138 Resp: 70837
Ion Ratio Lower Upper
138 100
108 11.8 8.4 12.6
92 121.4 94.9 142.3

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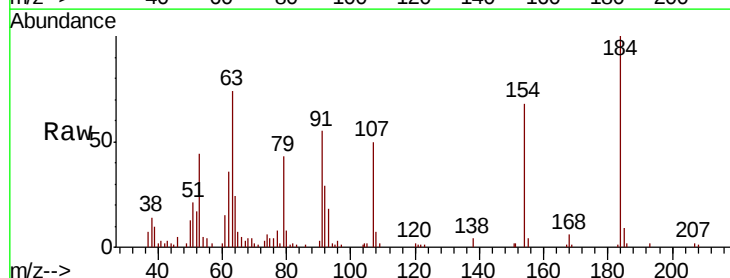


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

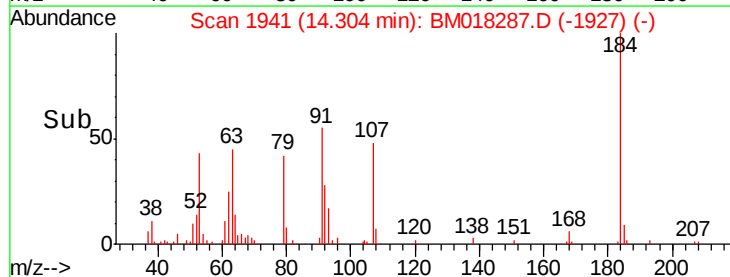
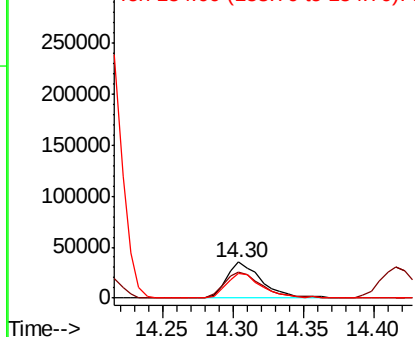


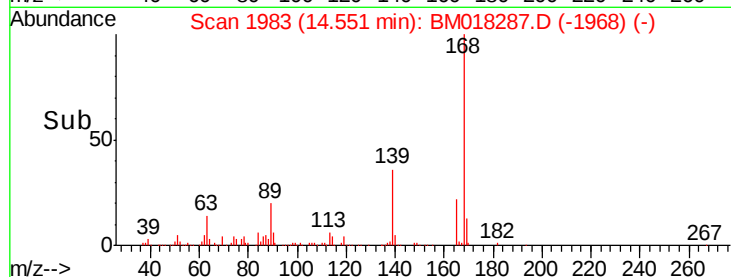
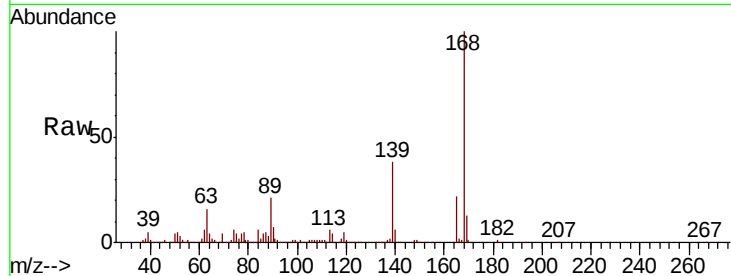
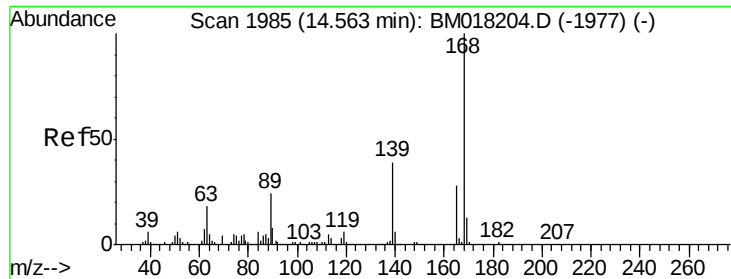
#54
2,4-Dinitrophenol
Concen: 30.770 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion:184 Resp: 61393
Ion Ratio Lower Upper
184 100
63 73.5 51.6 77.4
154 67.7 54.0 81.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





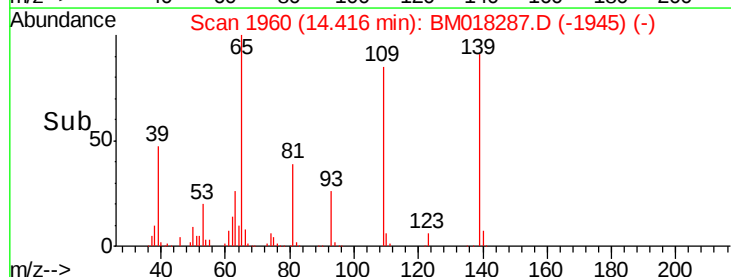
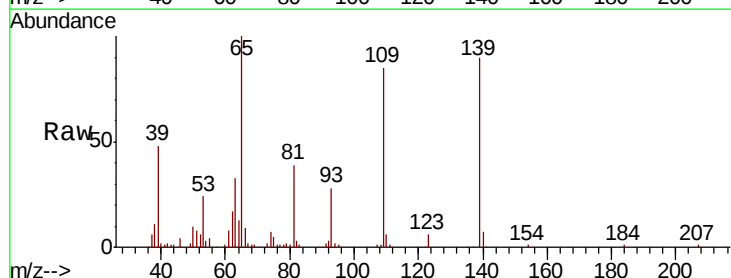
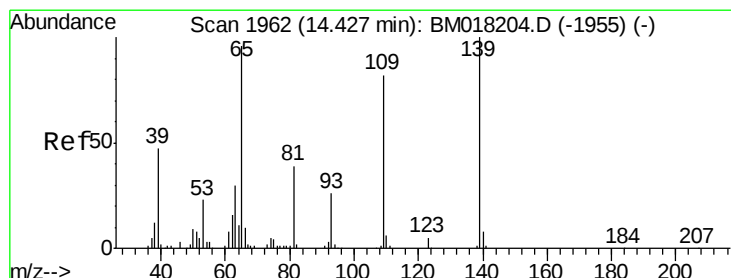
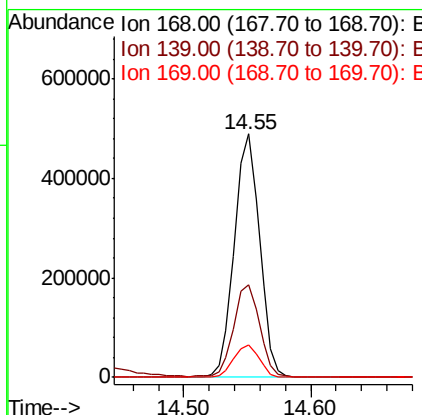
#55
Dibenzofuran
Concen: 34.717 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.2	46.8
169	13.3	10.4	15.6

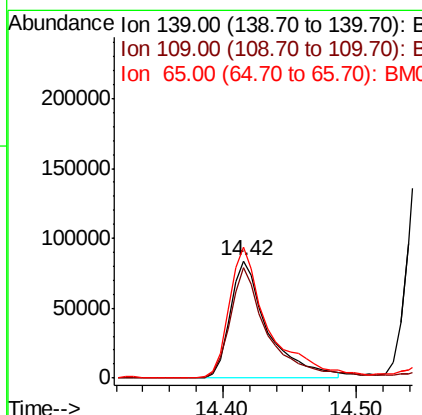
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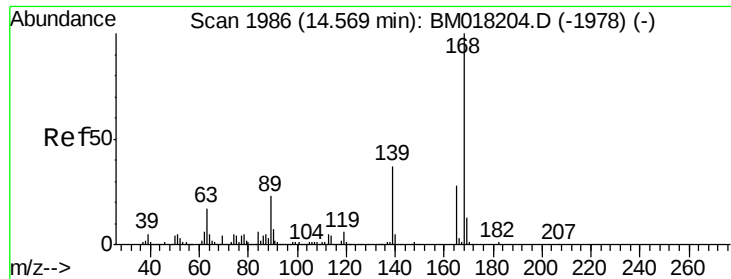
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#56
4-Nitrophenol
Concen: 57.425 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.4	62.3	102.3
65	111.1	76.4	116.4





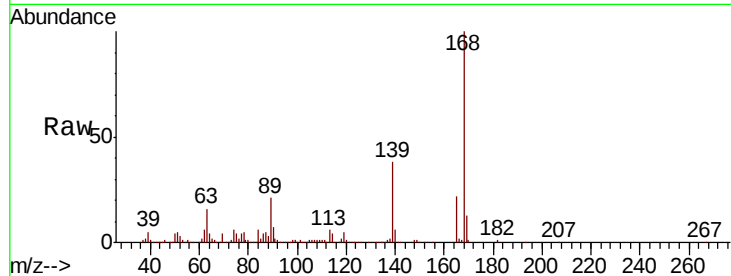
#57
2,4-Dinitrotoluene
Concen: 31.456 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157265		
63	73.7	47.2	70.8	
89	95.1	65.8	98.8	
182	3.3	2.2	3.4	

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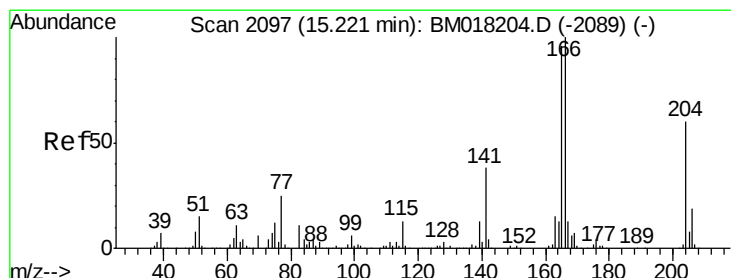
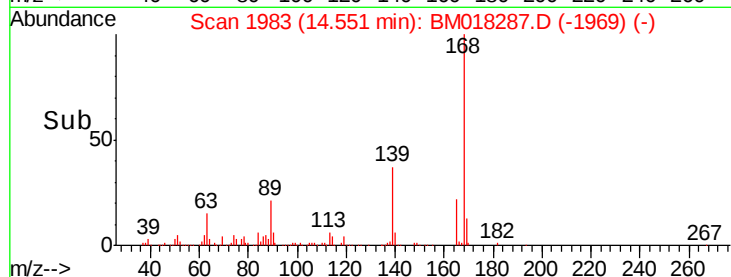
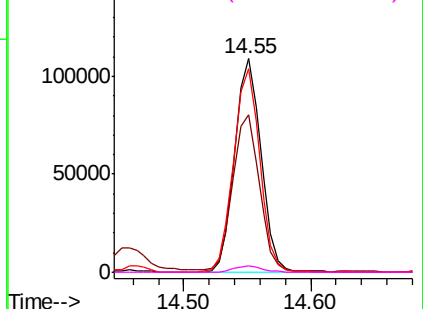
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

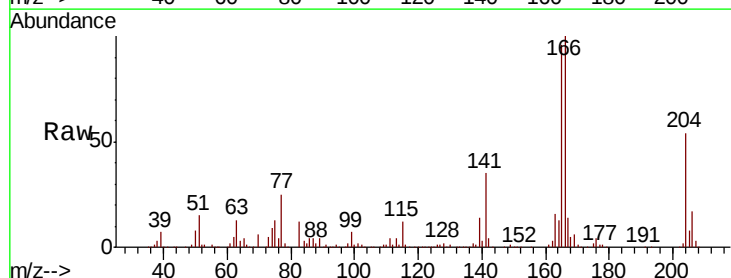
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.757 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520566		
165	96.0	76.9	115.3	
167	13.8	10.5	15.7	

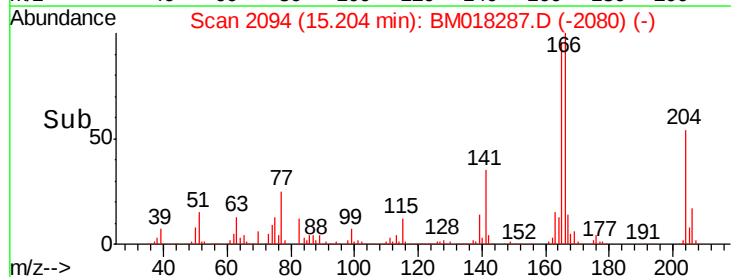
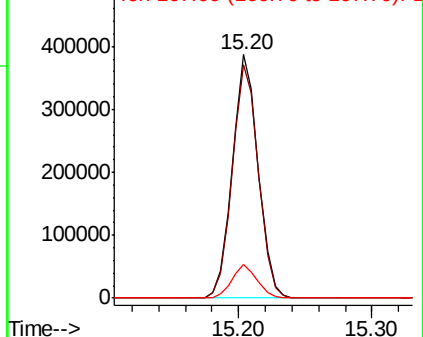


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





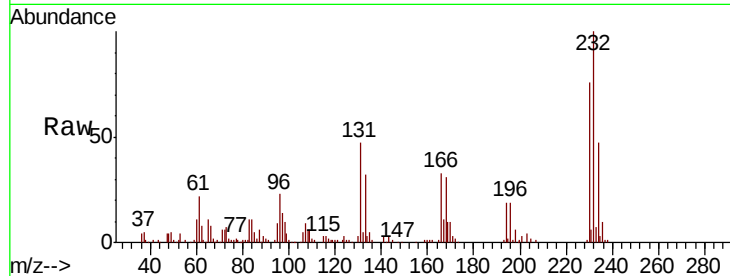
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.801 ng
RT: 14.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

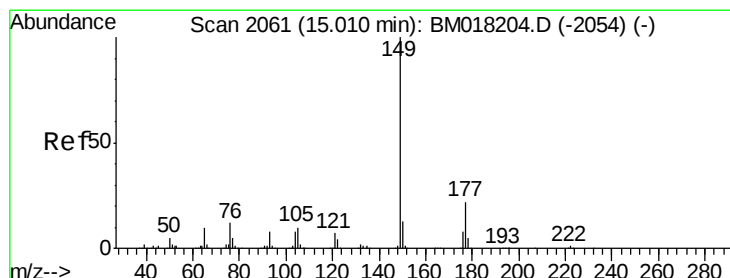
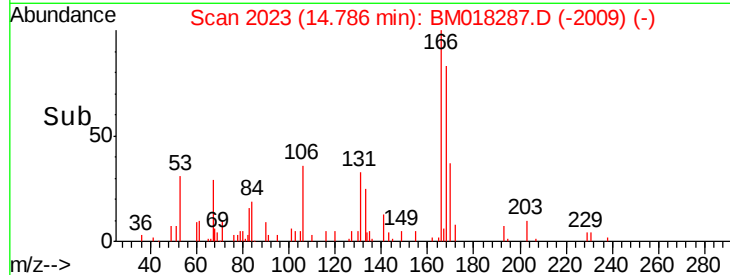
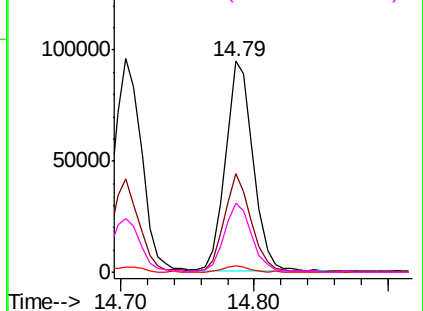
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.2	54.2
130	2.7	1.8	2.6
166	33.6	24.8	37.2

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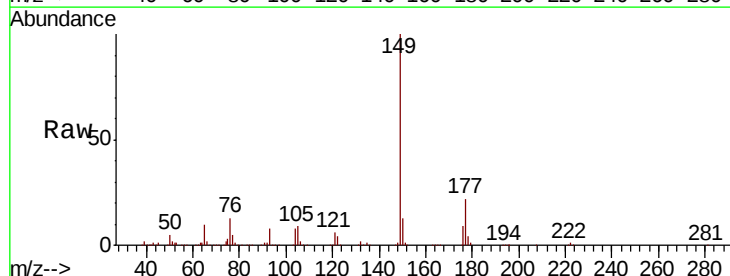


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

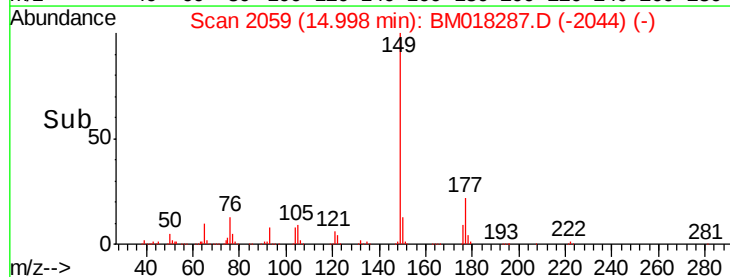
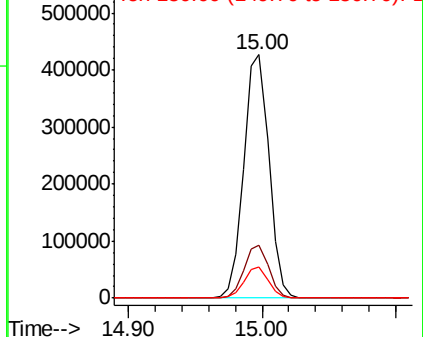


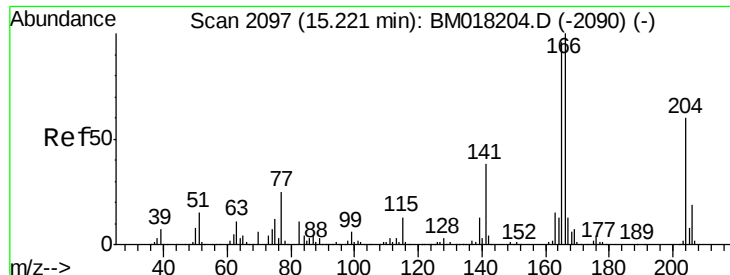
#60
Diethylphthalate
Concen: 31.140 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.8
150	13.0	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





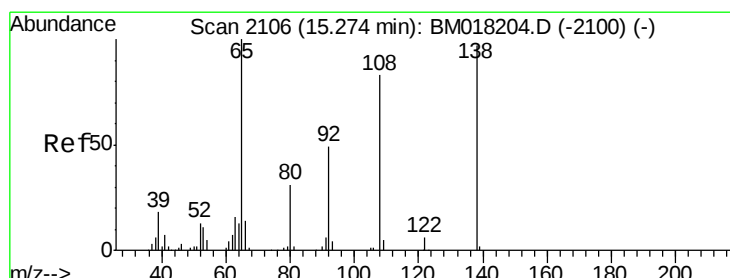
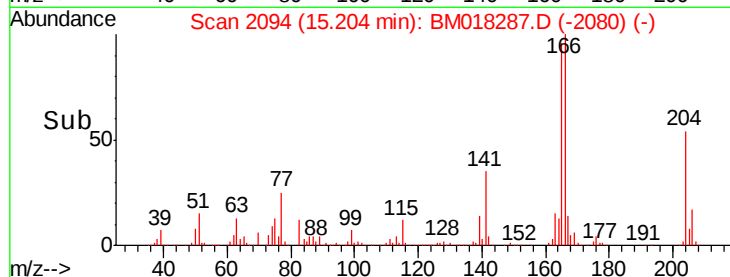
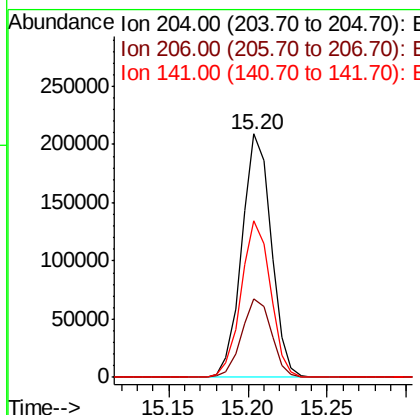
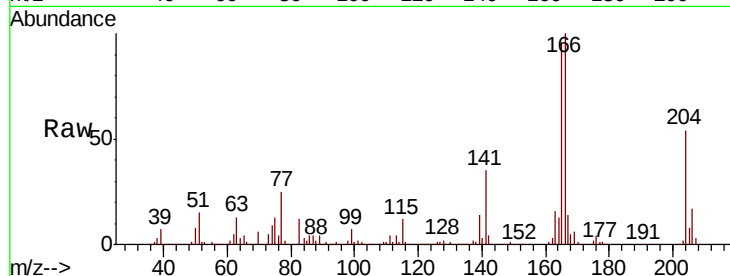
#61
 4-Chlorophenyl-phenylether
 Concen: 31.820 ng
 RT: 15.20 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	269535		
206	32.3		25.8	38.6
141	64.5		50.2	75.4

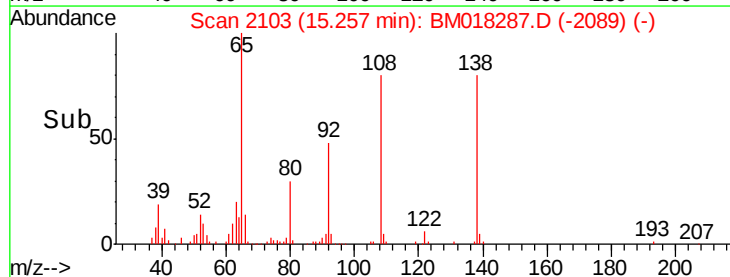
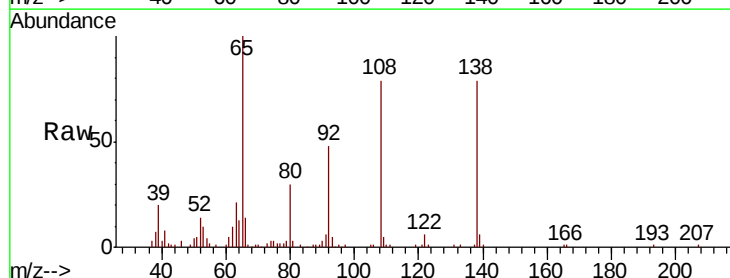
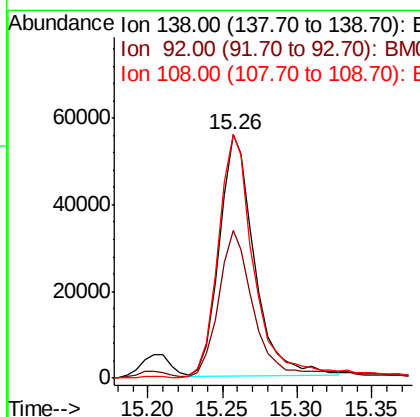
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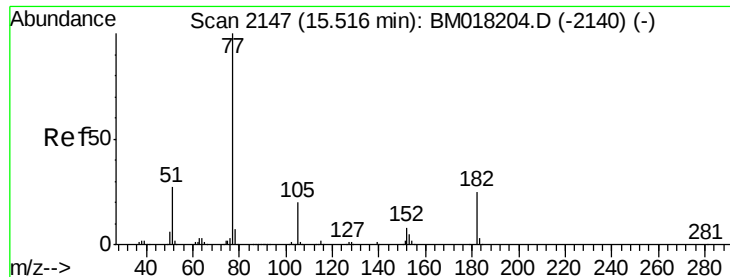
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#62
 4-Nitroaniline
 Concen: 25.192 ng
 RT: 15.26 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	90986		
92	60.7		31.1	71.1
108	100.0		65.0	105.0





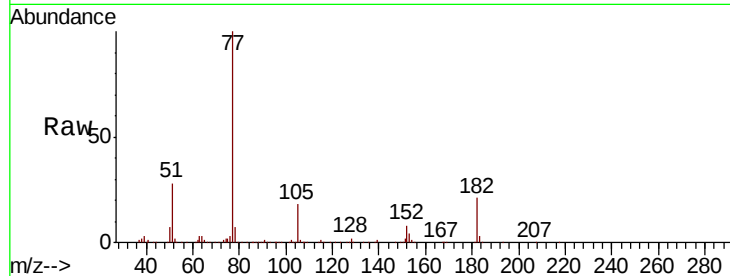
#63
Azobenzene
Concen: 34.444 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

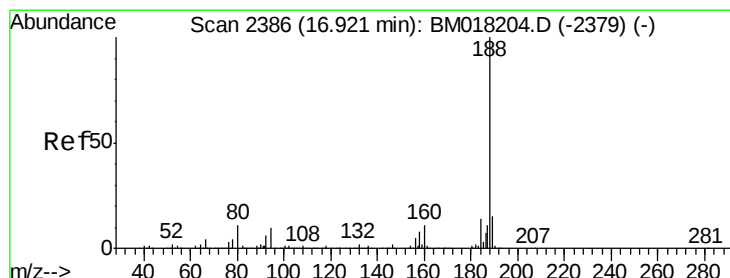
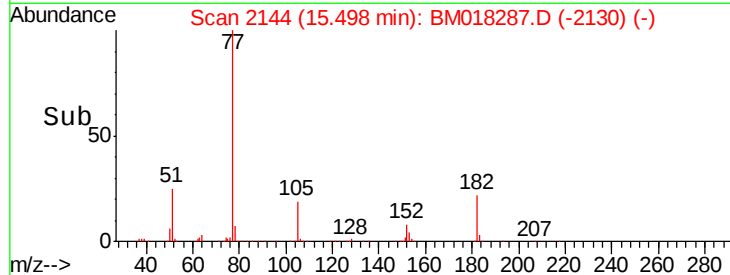
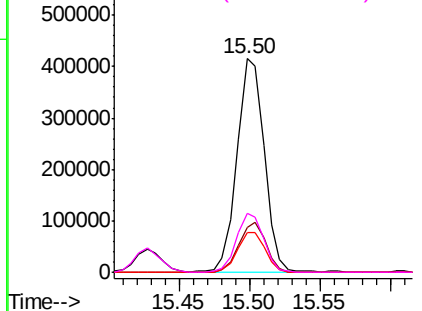
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.3	4.6	44.6		
105	18.4	0.2	40.2		
51	27.7	7.0	47.0		

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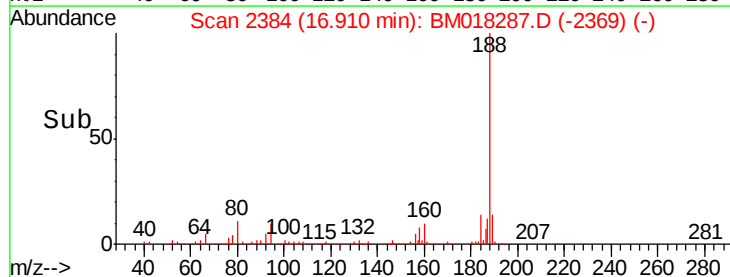
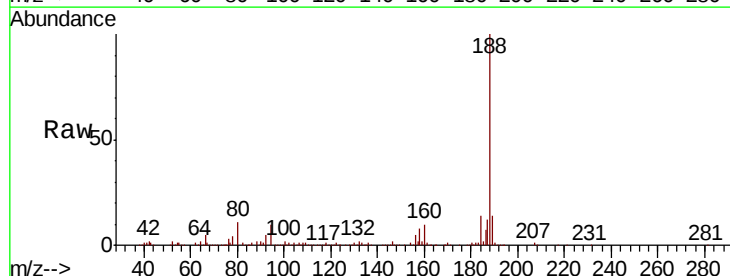
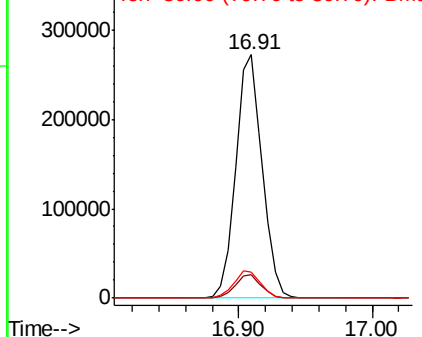
Abundance Ion 77.00 (76.70 to 77.70): BM018287.D (-2130) (-)
Ion 182.00 (181.70 to 182.70): BM018287.D (-2130) (-)
Ion 105.00 (104.70 to 105.70): BM018287.D (-2130) (-)
Ion 51.00 (50.70 to 51.70): BM018287.D (-2130) (-)

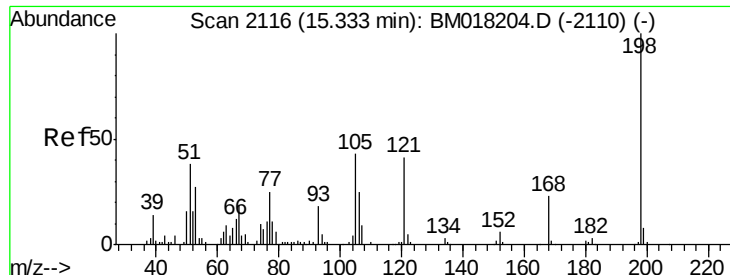


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.8	8.0	12.0		
80	10.8	9.0	13.6		

Abundance Ion 188.00 (187.70 to 188.70): BM018287.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM018287.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM018287.D (-2369) (-)





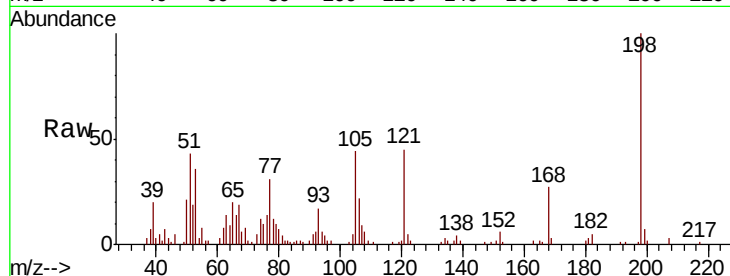
#65
4,6-Dinitro-2-methylphenol
Concen: 16.851 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.8	18.6	58.6
105	44.5	22.9	62.9

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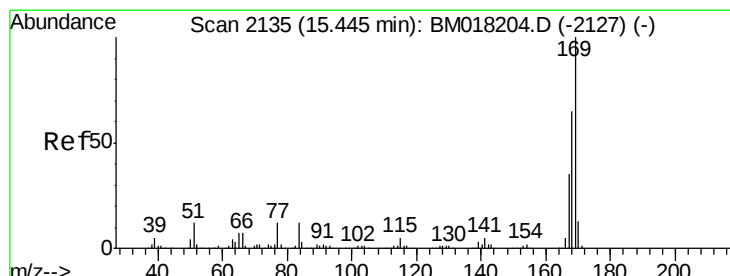
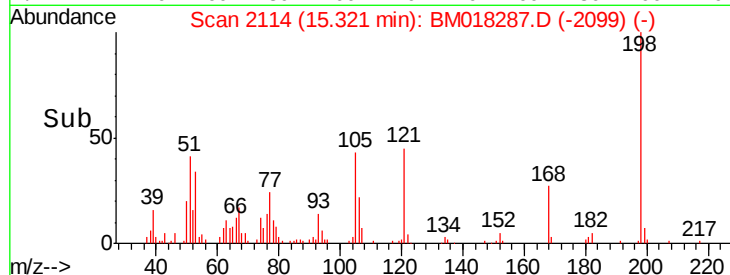
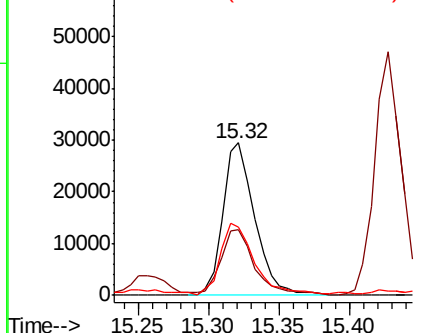


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 35.534 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

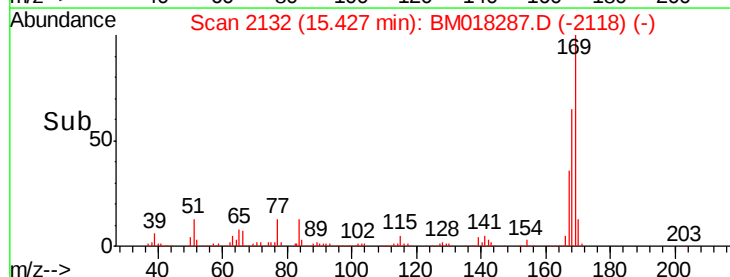
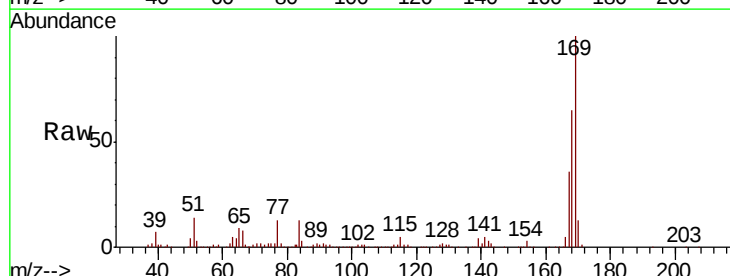
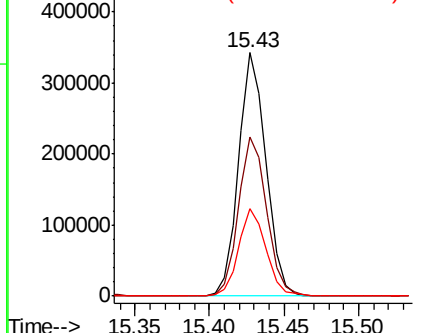
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.2	78.4
167	35.8	27.6	41.4

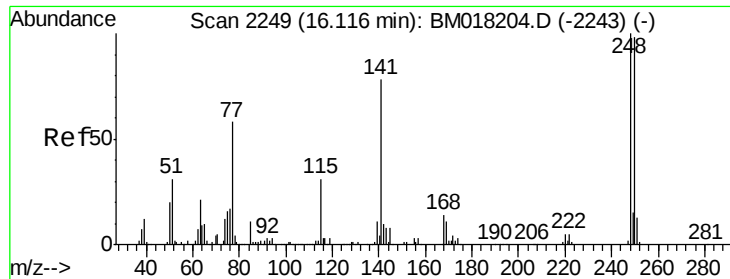
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





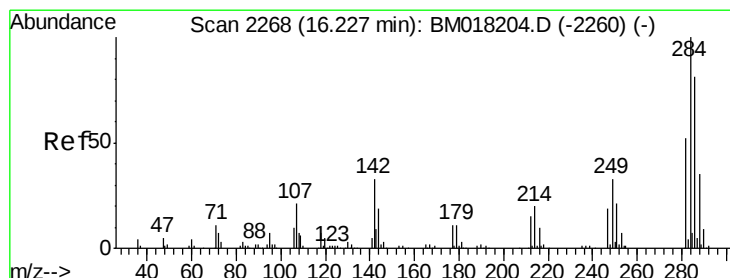
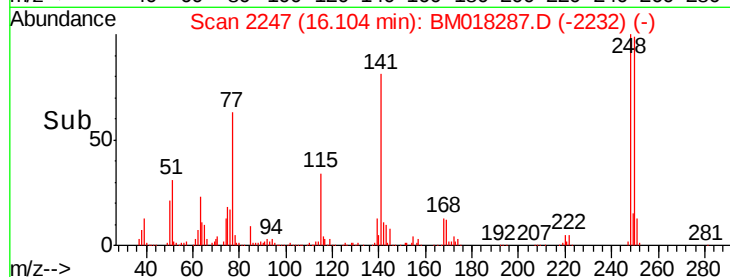
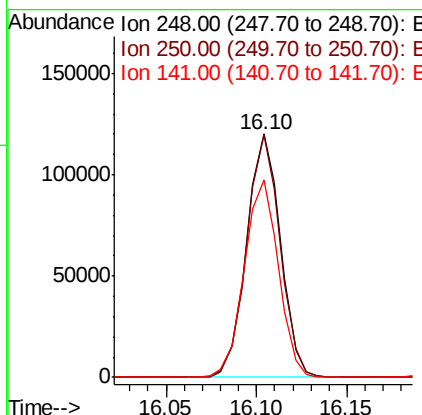
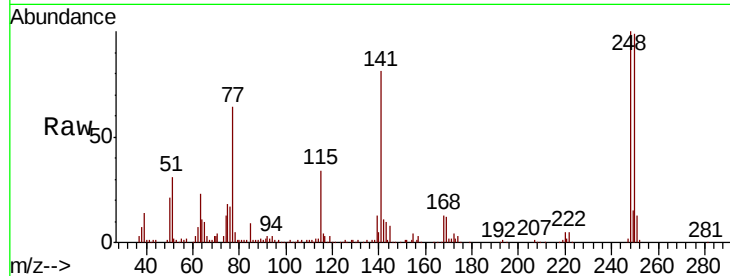
#67
 4-Bromophenyl-phenylether
 Concen: 34.471 ng
 RT: 16.10 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.7	118.1
141	81.2	62.2	93.4

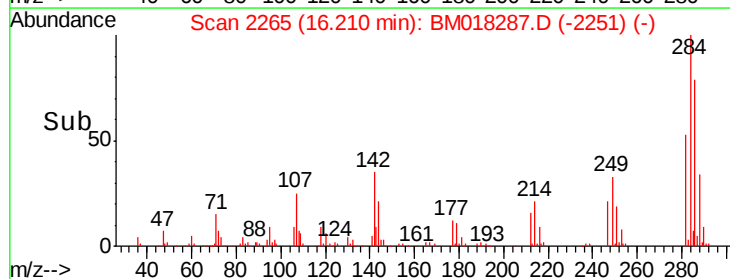
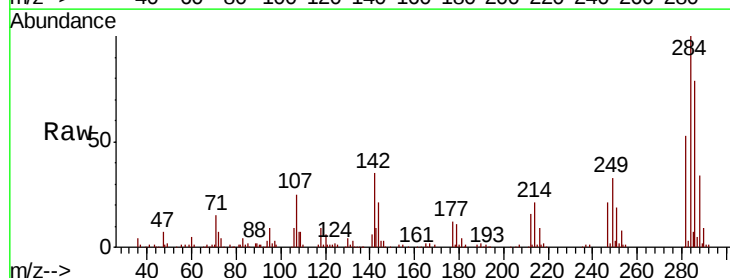
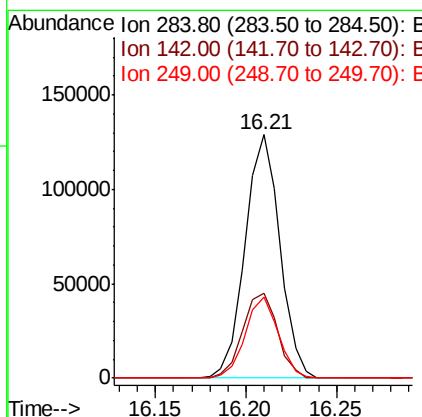
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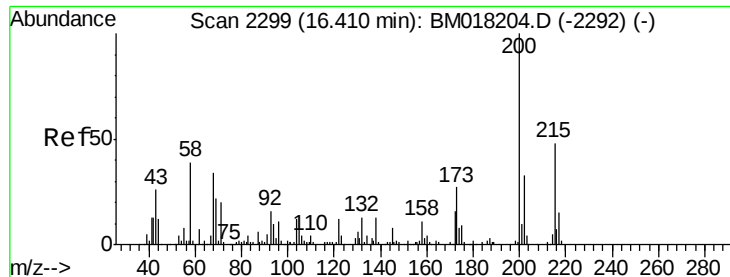
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#68
 Hexachlorobenzene
 Concen: 34.735 ng
 RT: 16.21 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.2	39.4
249	33.2	26.2	39.2





#69

Atrazine

Concen: 35.255 ng

RT: 16.40 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

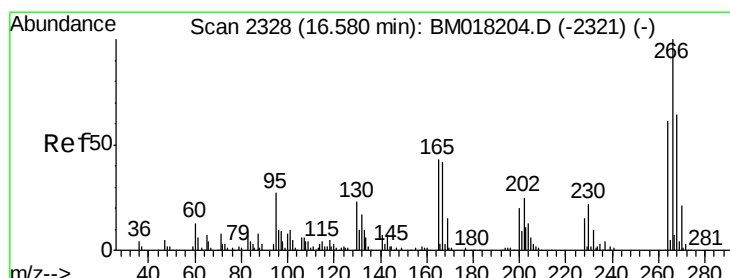
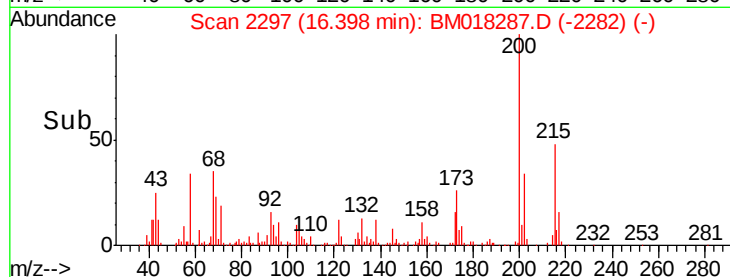
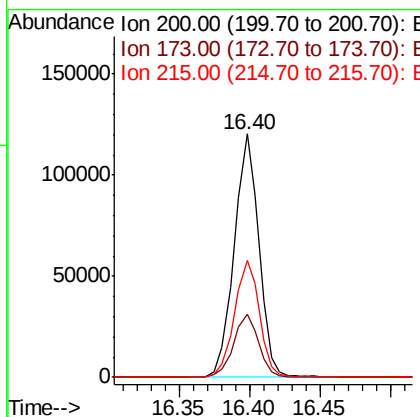
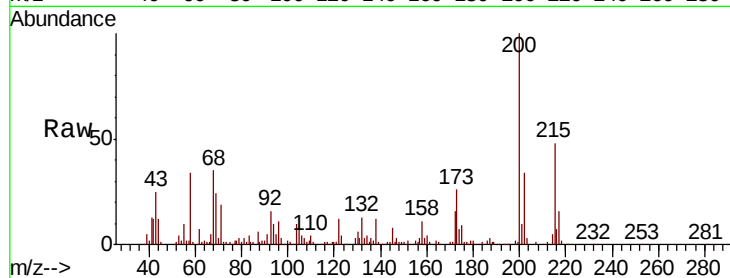
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	200	Resp:	146621
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.9	46.9
215	48.2	27.9	67.9

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#70

Pentachlorophenol

Concen: 59.587 ng

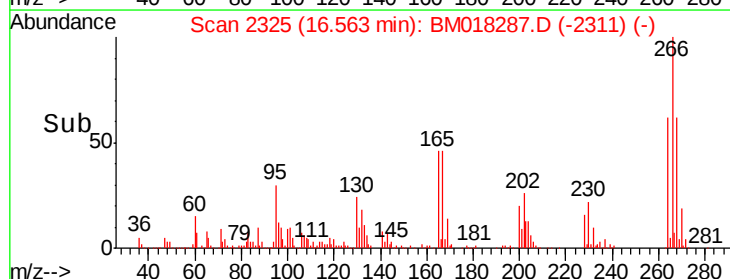
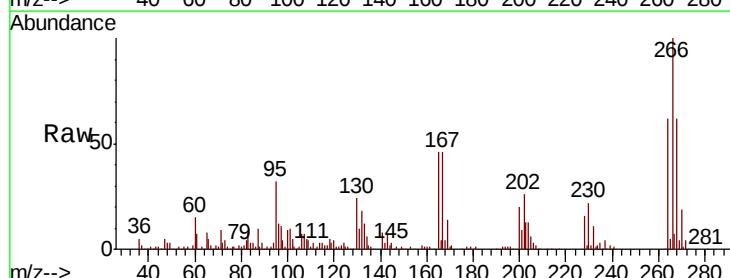
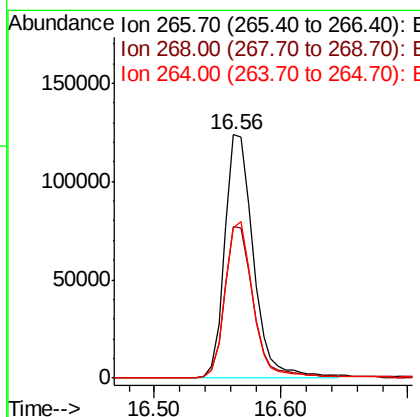
RT: 16.56 min Scan# 2325

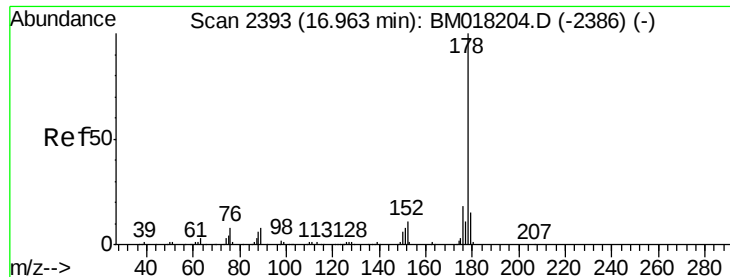
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	266	Resp:	194512
Ion Ratio	Lower	Upper	
266	100		
268	62.3	51.1	76.7
264	61.5	49.0	73.4





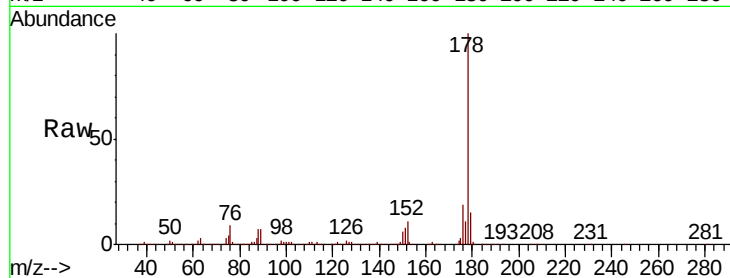
#71
Phenanthrene
Concen: 36.280 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.2	12.0	18.0

Manual Integrations
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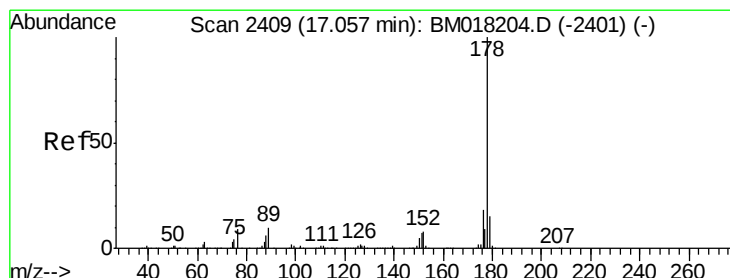
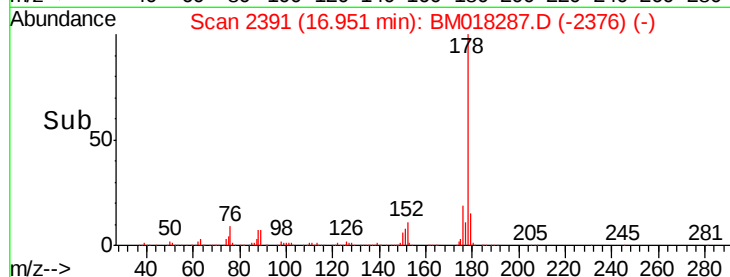
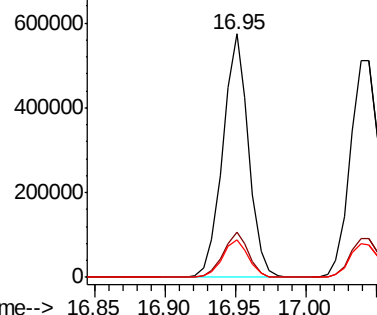


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 36.452 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

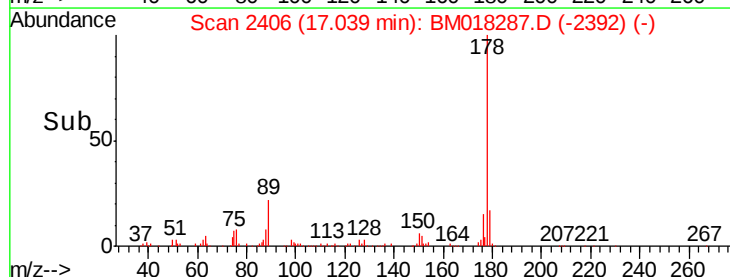
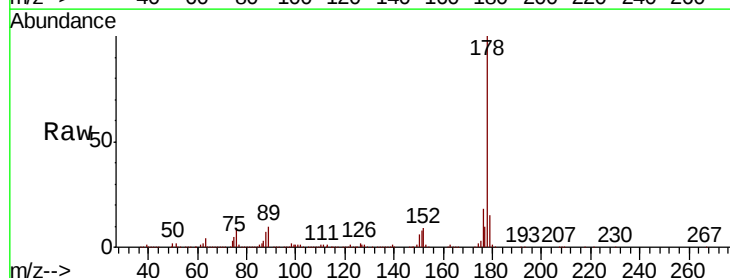
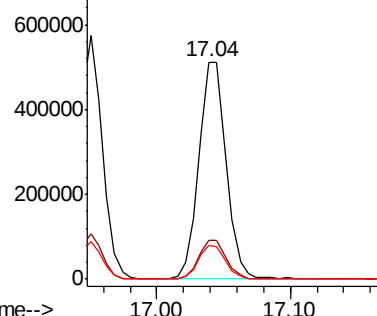
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.3	12.0	18.0

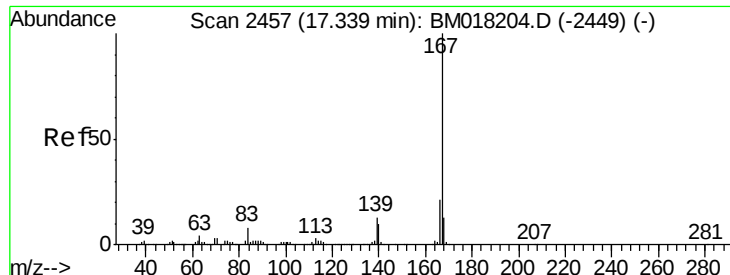
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





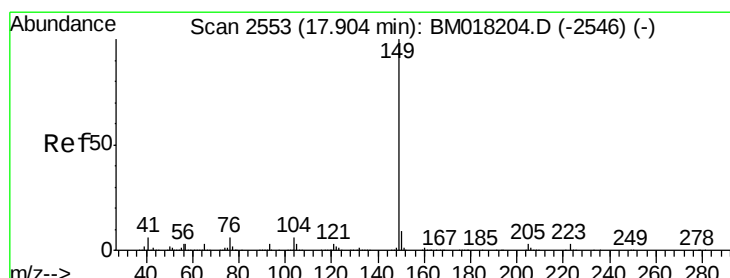
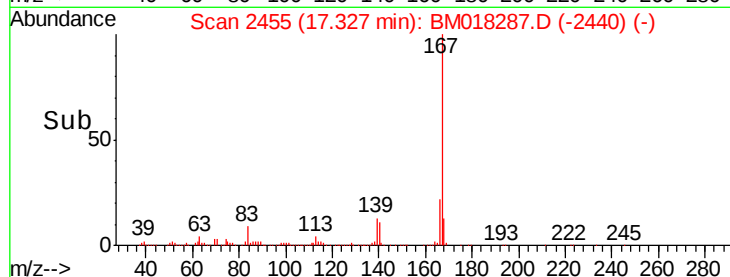
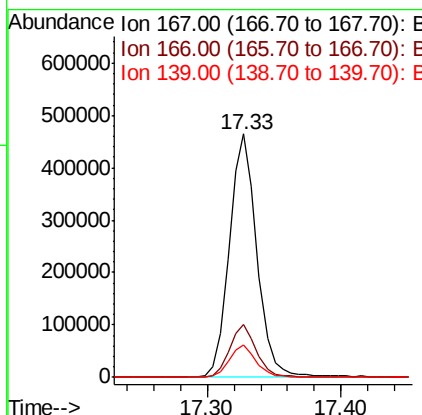
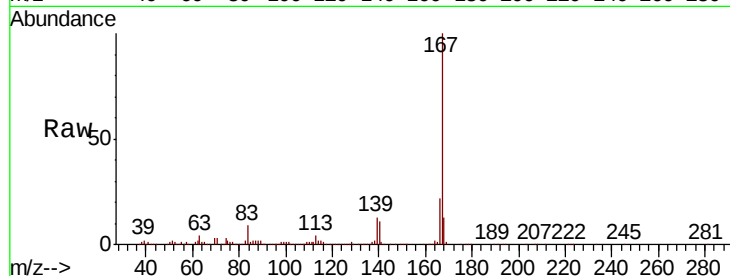
#73
 Carbazole
 Concen: 32.470 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.8	25.2
139	13.3	10.3	15.5

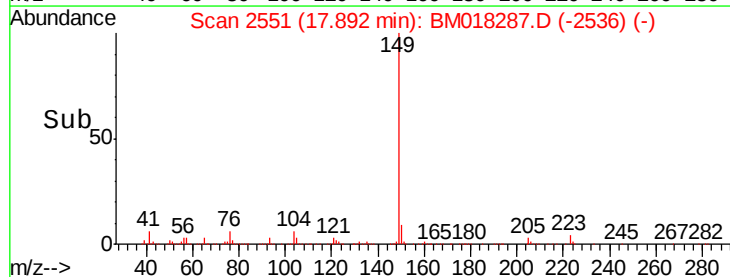
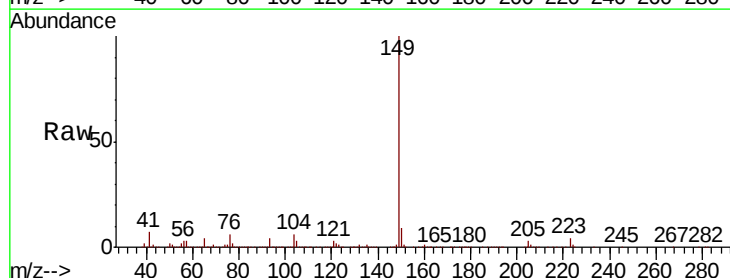
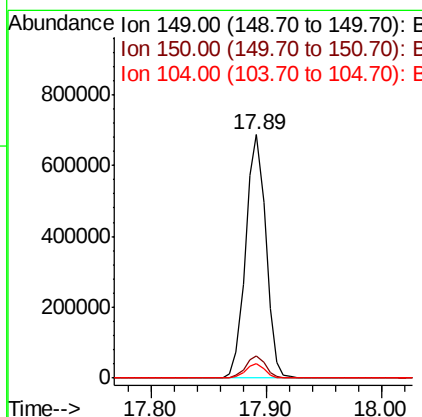
Manual Integrations
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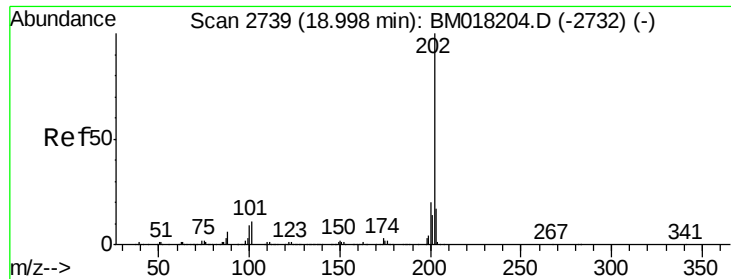
Sohil
 12/19/2018 4:18:18 PM



#74
 Di-n-butylphthalate
 Concen: 32.743 ng
 RT: 17.89 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018287.D
 Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.0	4.8	7.2





#75

Fluoranthene

Concen: 36.188 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

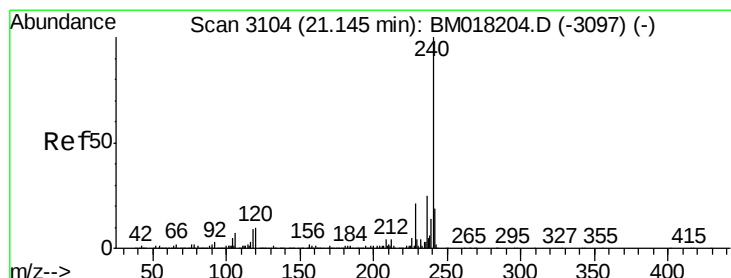
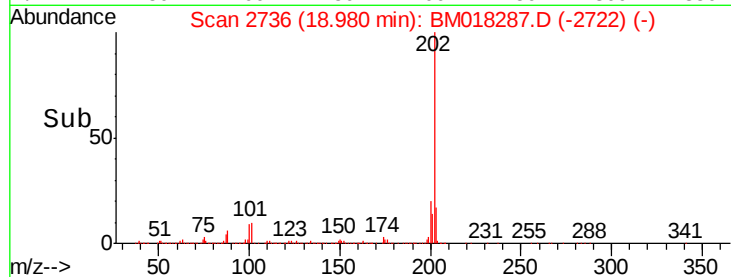
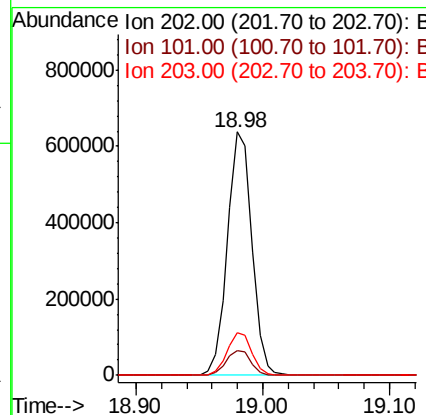
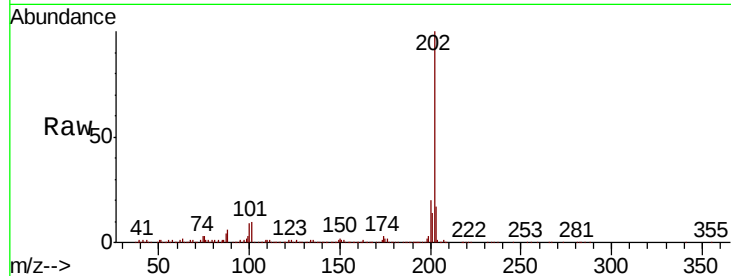
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	202	Resp:	851374
Ion Ratio		Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.5	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

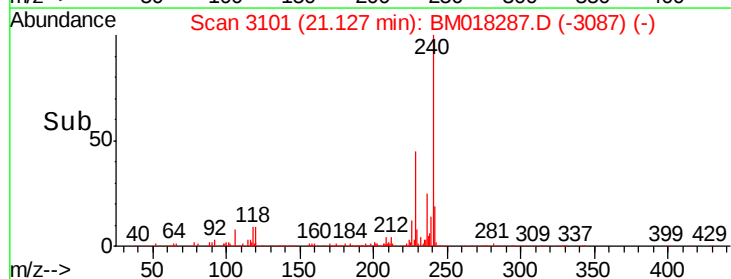
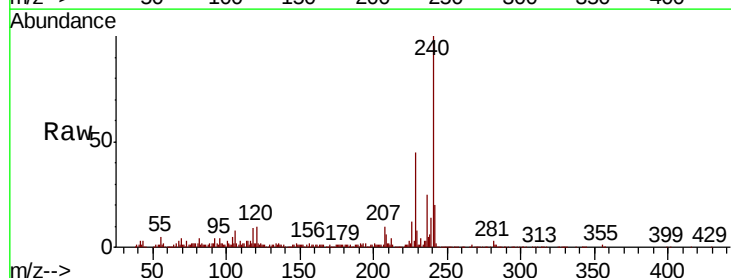
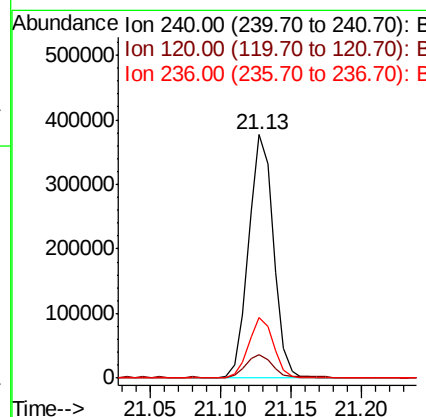
RT: 21.13 min Scan# 3101

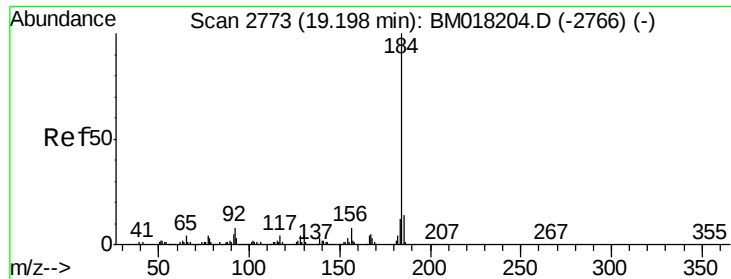
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	240	Resp:	466712
Ion Ratio		Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.0	20.3	30.5





#77

Benzidine

Concen: 0.427 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

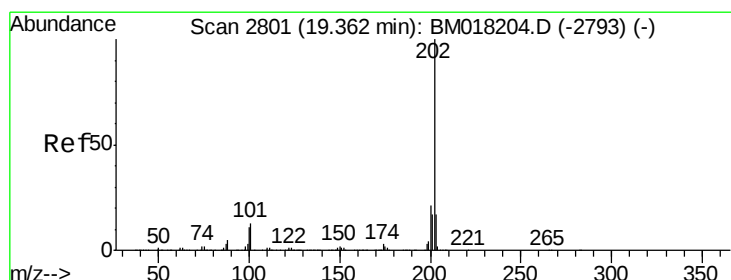
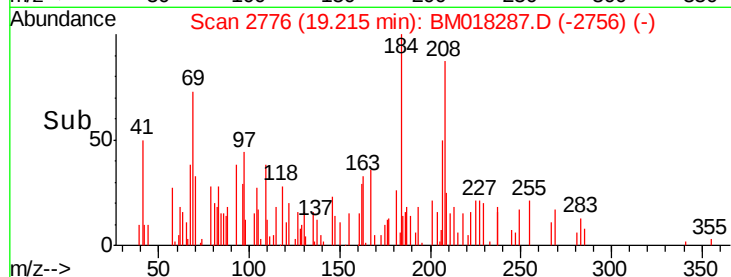
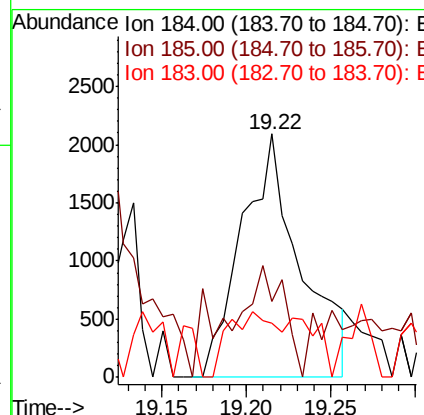
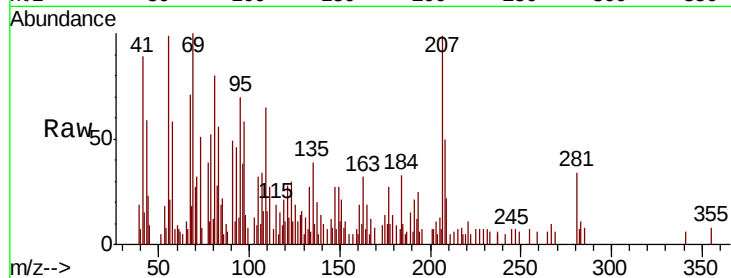
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	184	Resp:	5057
Ion Ratio	Lower	Upper	
184	100		
185	31.2	11.4	17.2#
183	22.1	9.7	14.5#

Manual Integrations
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#78

Pyrene

Concen: 31.918 ng

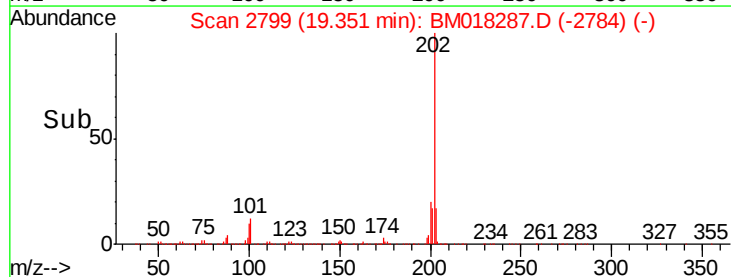
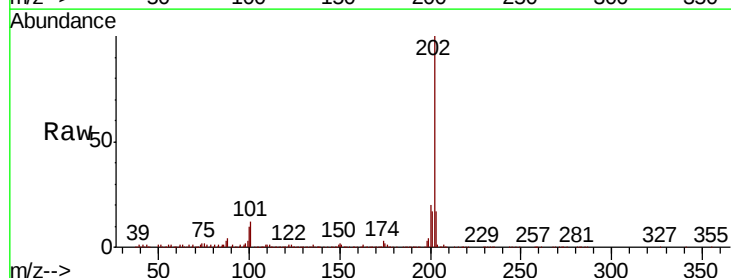
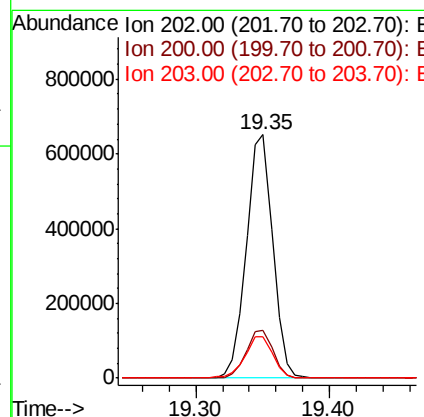
RT: 19.35 min Scan# 2799

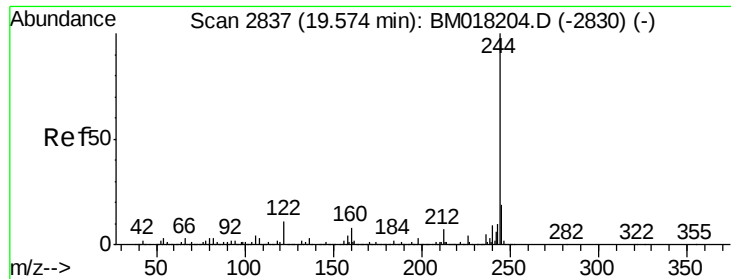
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	202	Resp:	887604
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.5	24.7
203	16.9	14.0	21.0





#79

Terphenyl-d14

Concen: 58.903 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:244 Resp: 1215513

Ion Ratio Lower Upper

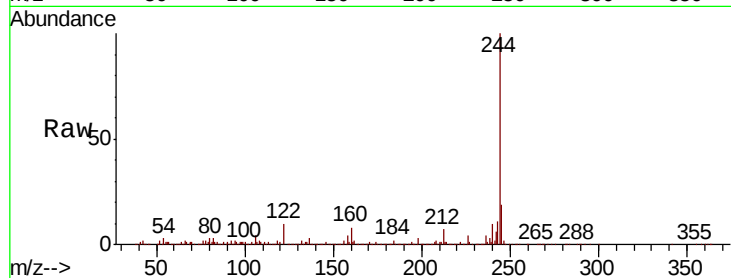
244 100

212 7.2 5.8 8.8

122 10.3 9.0 13.6

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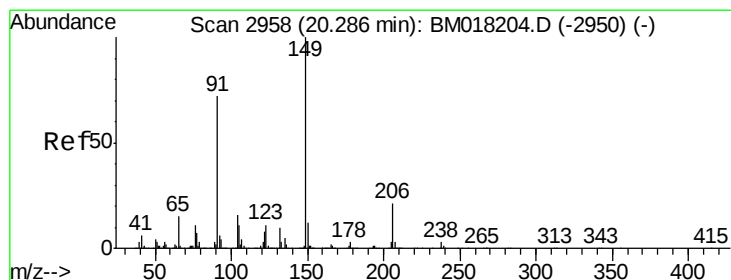
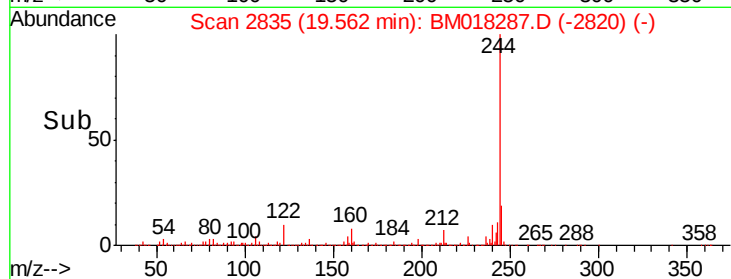
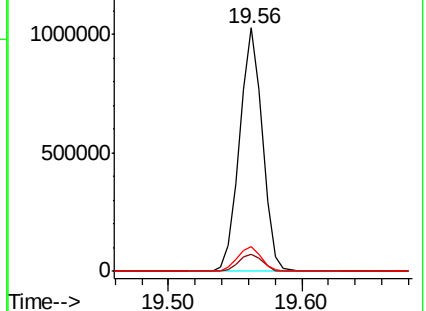
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.203 ng

RT: 20.27 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

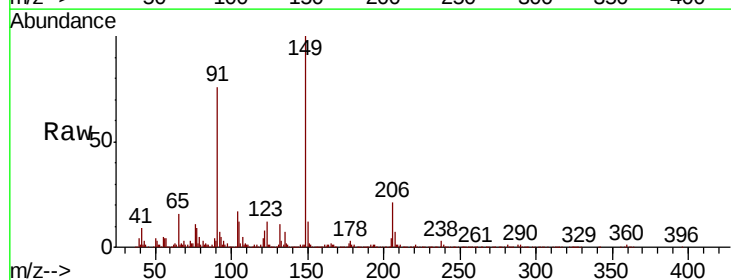
Tgt Ion:149 Resp: 412807

Ion Ratio Lower Upper

149 100

91 76.4 57.4 86.2

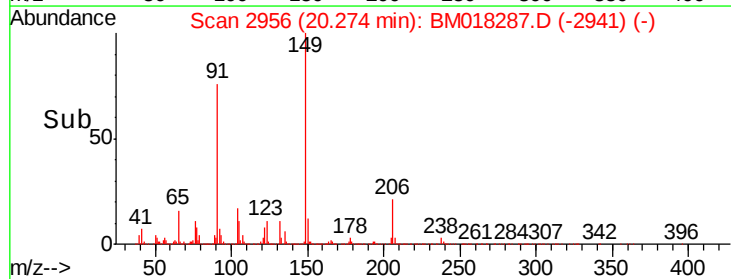
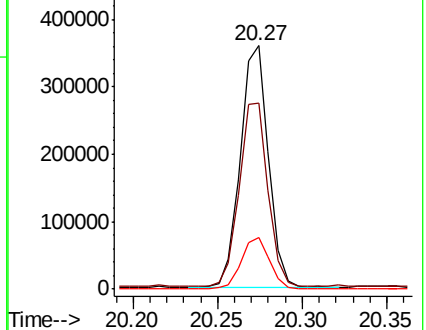
206 21.2 17.0 25.4

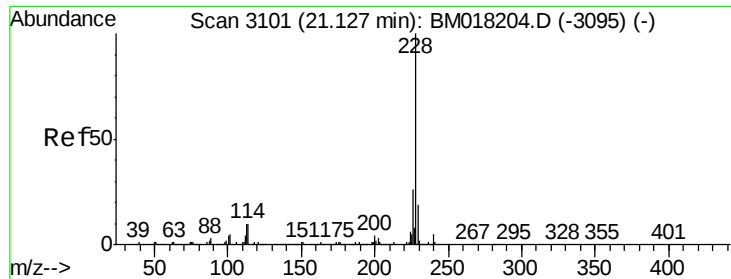


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.539 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

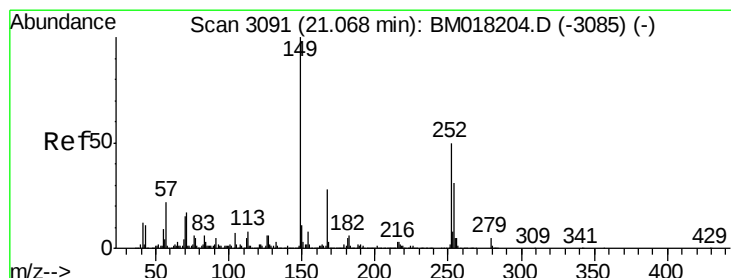
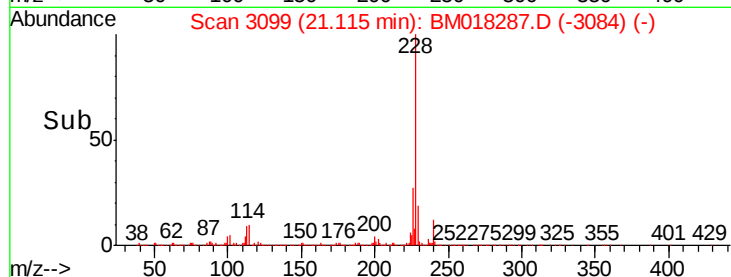
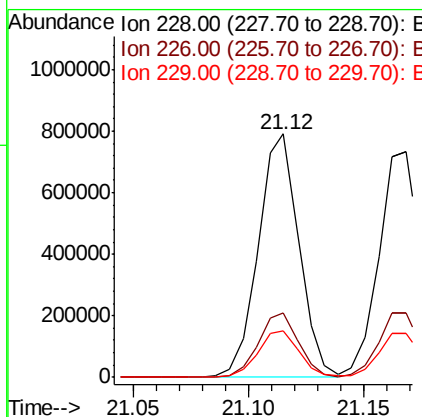
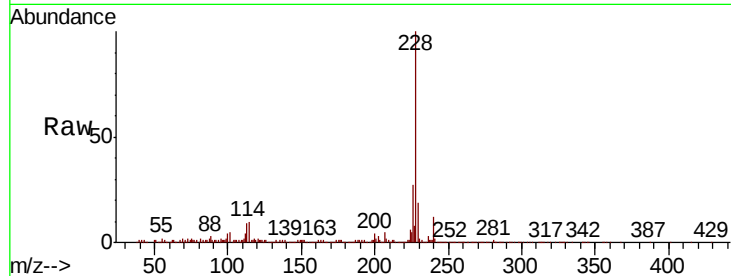
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	228	Resp:	968892
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.0	31.4
229	19.1	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 15.548 ng

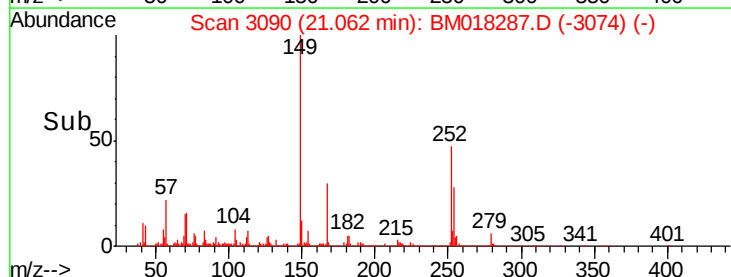
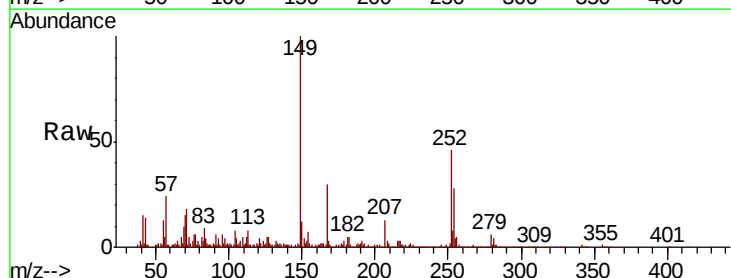
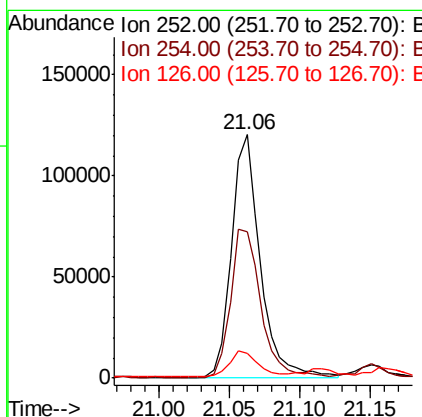
RT: 21.06 min Scan# 3090

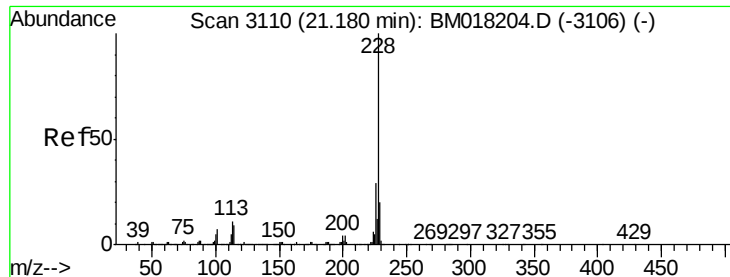
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	252	Resp:	169343
Ion Ratio	Lower	Upper	
252	100		
254	60.2	50.4	75.6
126	10.0	9.4	14.0





#83

Chrysene

Concen: 35.702 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

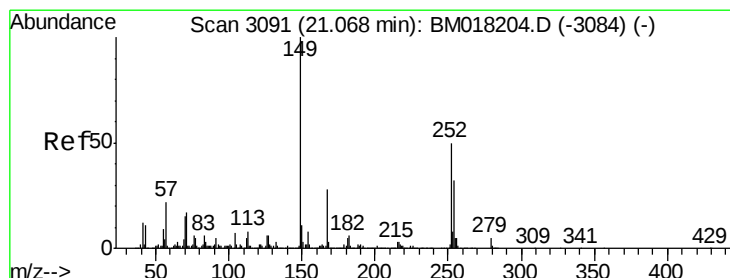
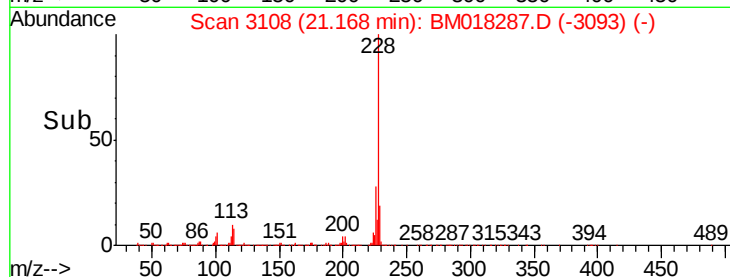
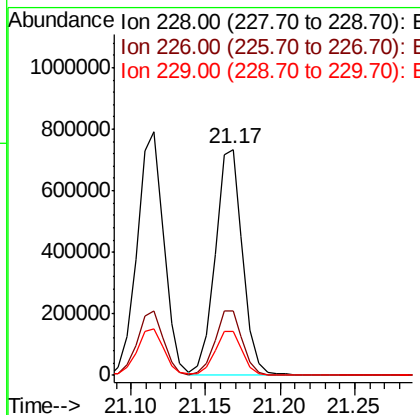
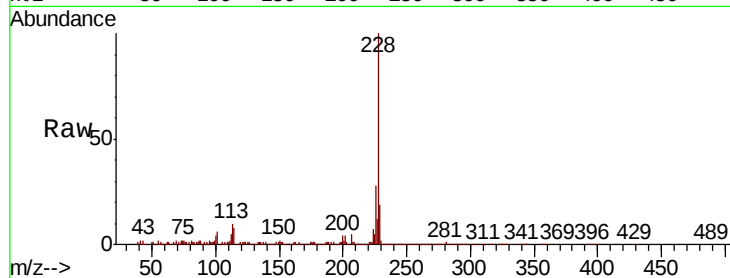
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	228	Resp:	936199
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.1	34.7
229	19.2	15.8	23.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 31.566 ng

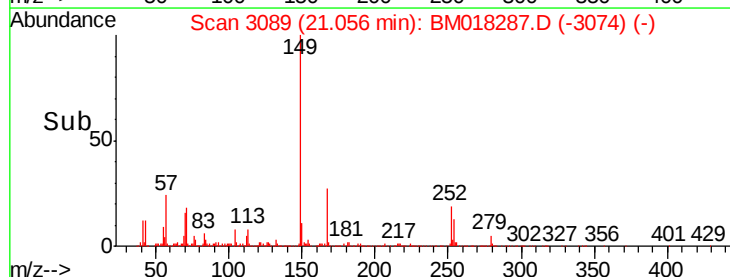
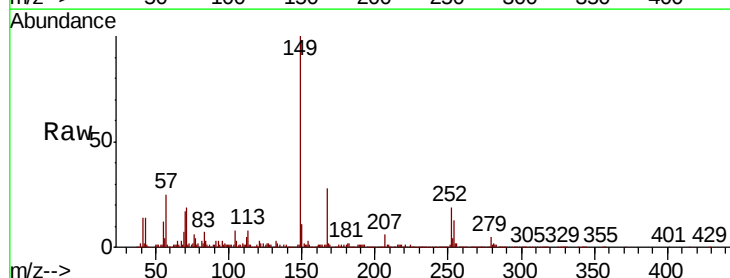
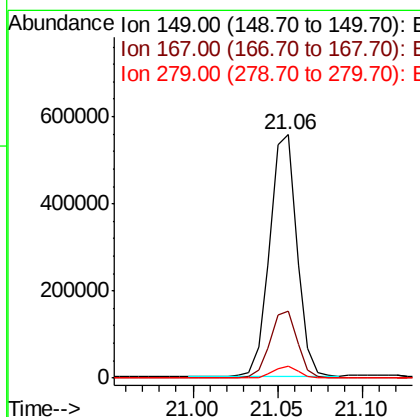
RT: 21.06 min Scan# 3089

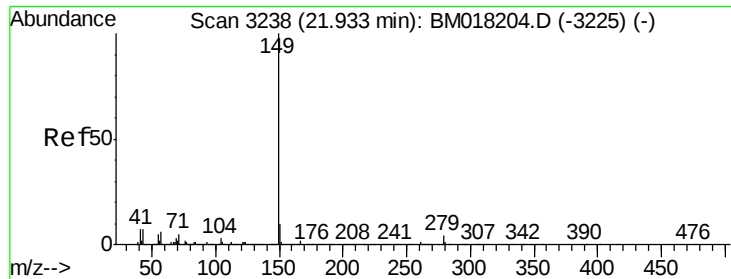
Delta R.T. -0.01 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	149	Resp:	622393
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.7	34.1
279	5.0	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 35.783 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

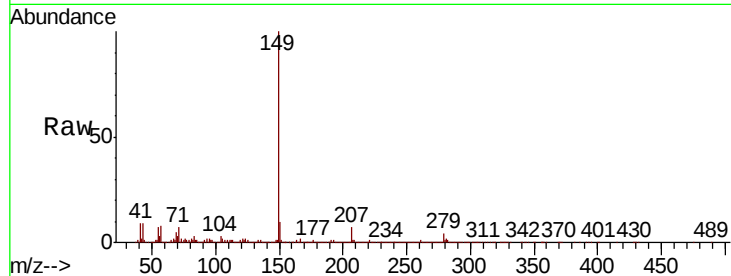
ClientSampleId :

P001-SS012-1824-01MSD

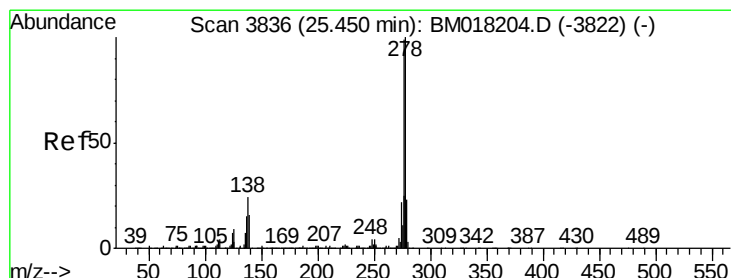
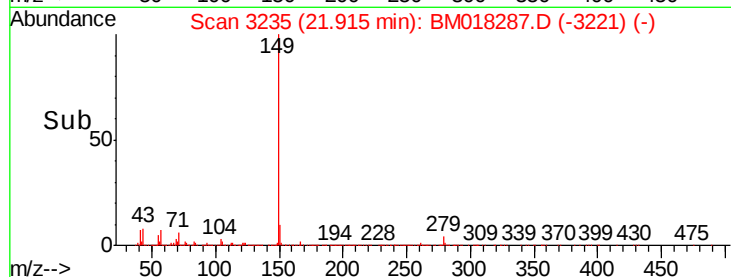
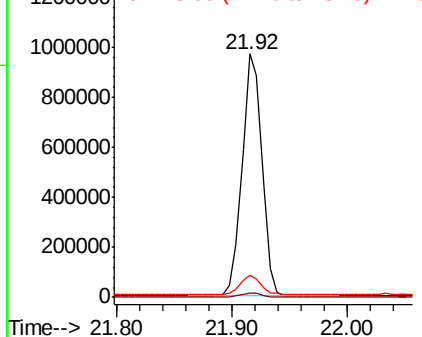
Tot Ion:	149	Resp:	1155481
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.9	6.2	9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.811 ng

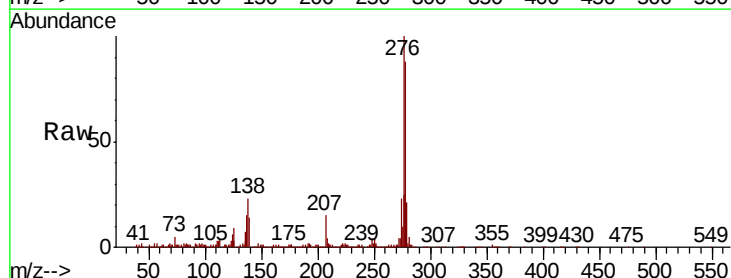
RT: 25.42 min Scan# 3831

Delta R.T. -0.03 min

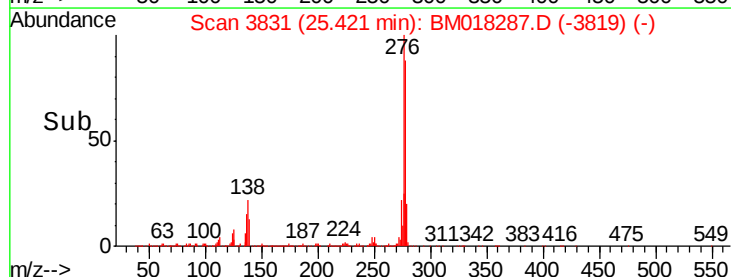
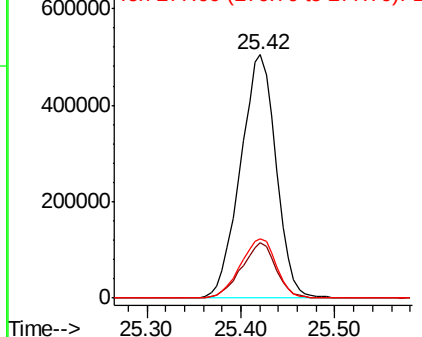
Lab File: BM018287.D

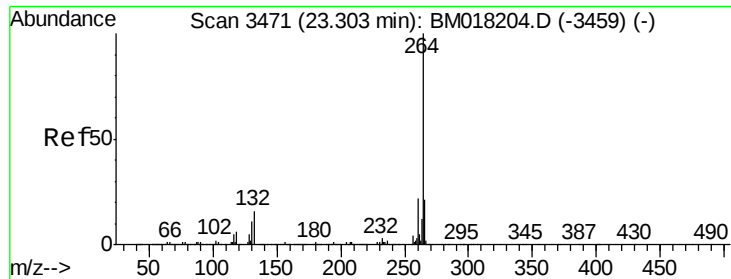
Acq: 19 Dec 2018 00:48

Tgt Ion:	276	Resp:	1327262
Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.6	28.0
277	24.8	20.3	30.5



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





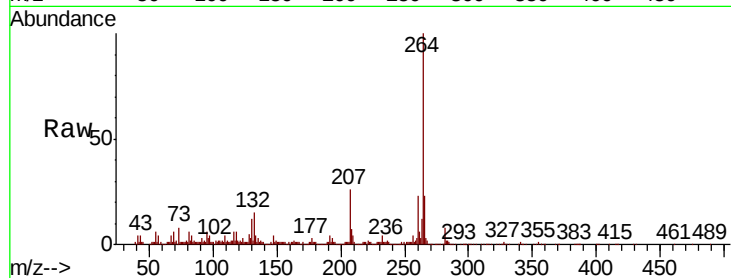
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	23.0	17.3	25.9

Manual Integrations
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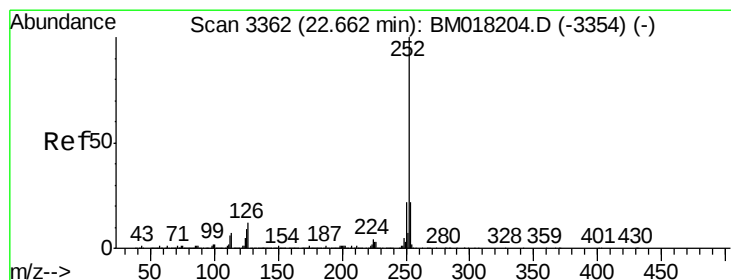
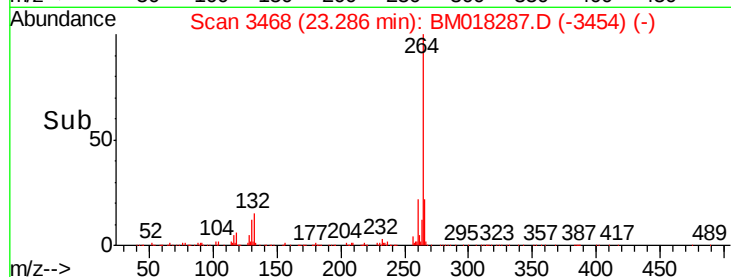
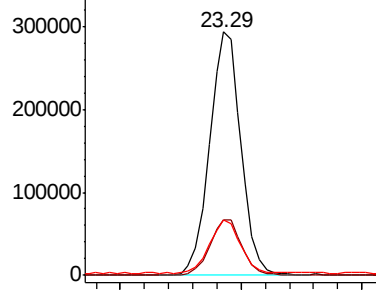


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 36.200 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

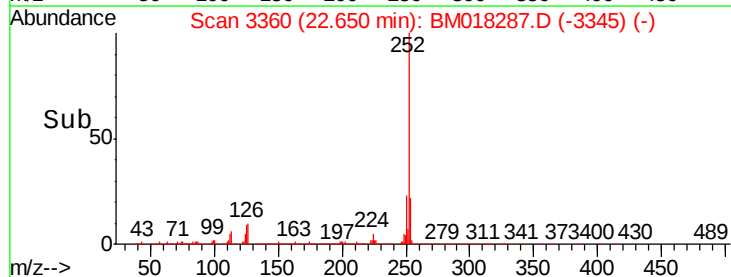
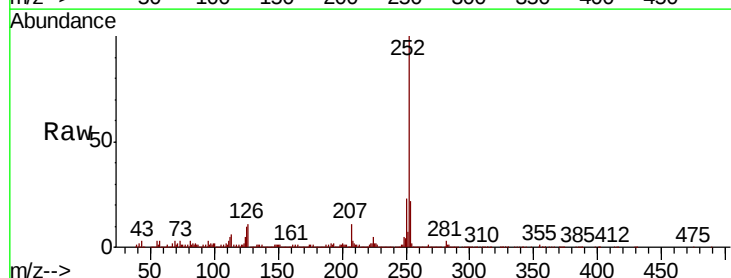
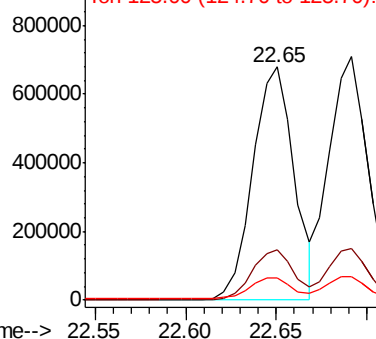
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.5	7.4	11.0

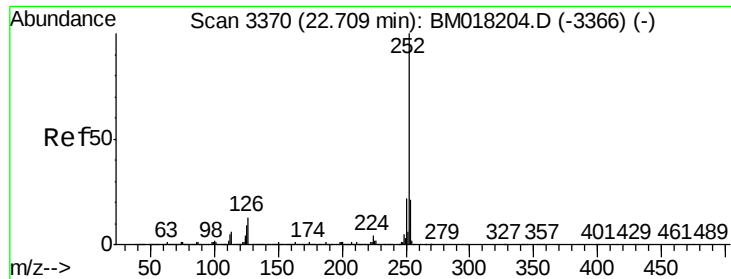
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.608 ng

RT: 22.69 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Instrument :

BNA_M

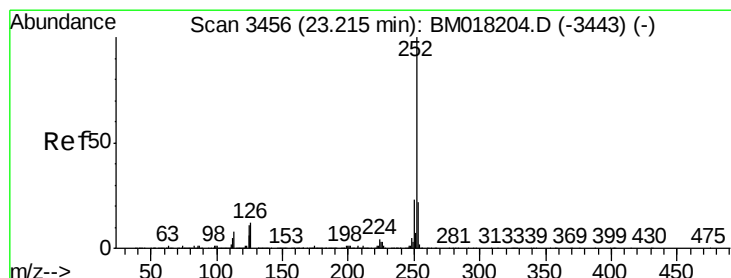
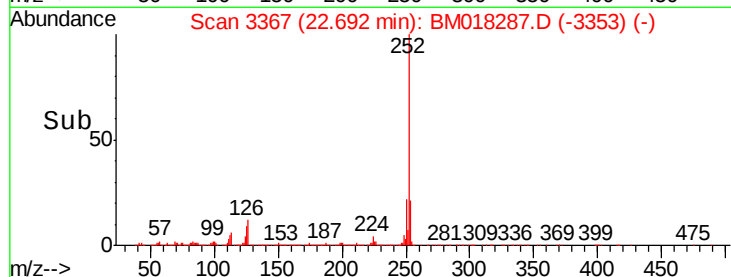
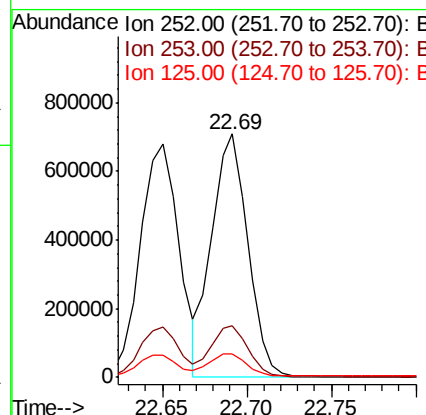
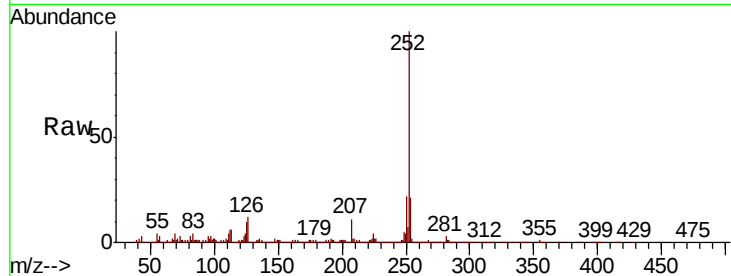
ClientSampleId :

P001-SS012-1824-01MSD

Tot Ion:	252	Resp:	1054502
Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.9	25.3
125	9.5	7.5	11.3

Manual Integrations
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12/19/2018 4:18:18 PM



#90

Benzo(a)pyrene

Concen: 37.015 ng

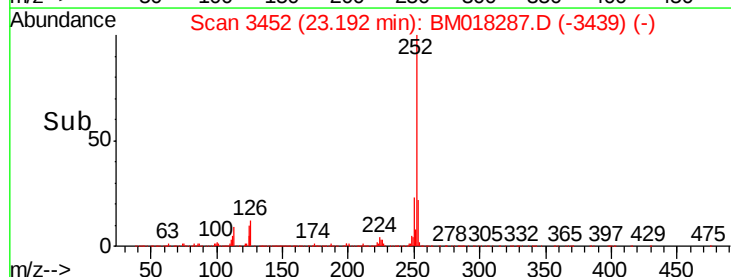
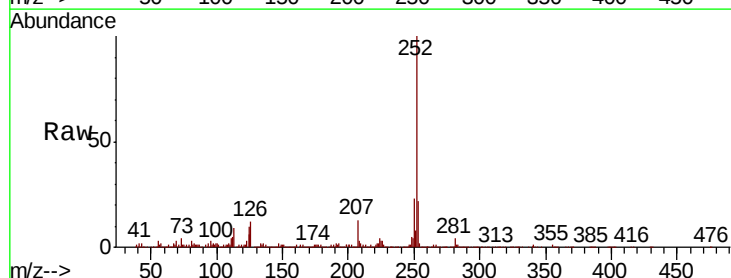
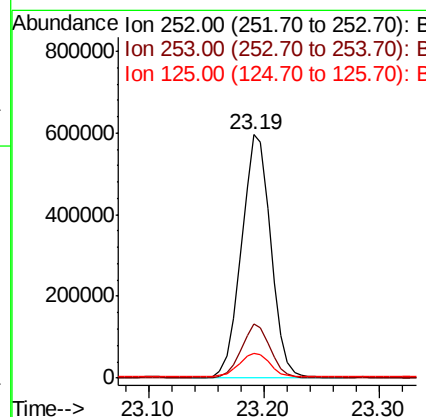
RT: 23.19 min Scan# 3452

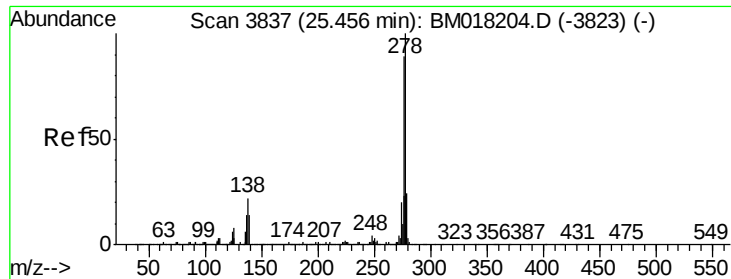
Delta R.T. -0.02 min

Lab File: BM018287.D

Acq: 19 Dec 2018 00:48

Tgt Ion:	252	Resp:	1046863
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.4	8.6	12.8





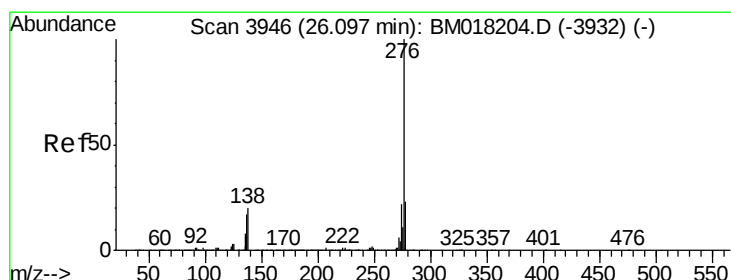
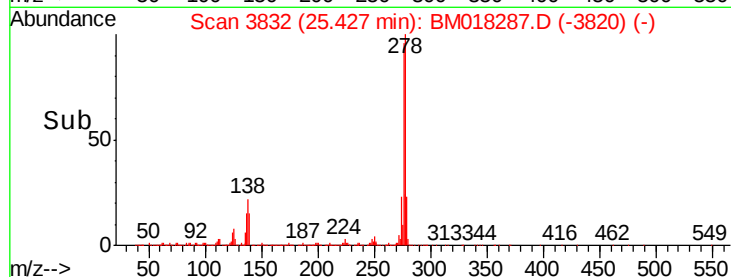
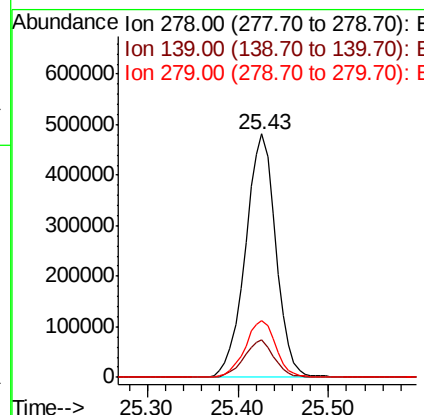
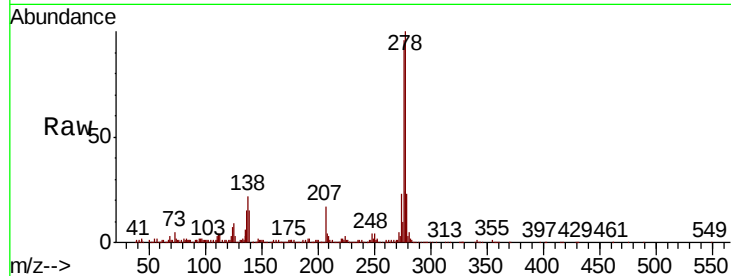
#91
Dibenzo(a,h)anthracene
Concen: 42.800 ng
RT: 25.43 min Scan# 3832
Delta R.T. -0.03 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	23.3	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/19/2018 4:18:18 PM



#92
Benzo(g,h,i)perylene
Concen: 44.057 ng
RT: 26.07 min Scan# 3941
Delta R.T. -0.03 min
Lab File: BM018287.D
Acq: 19 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.7	15.8	23.8

