

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
 Data File : BM018214.D
 Acq On : 15 Dec 2018 21:21
 Operator : JU/SJ
 Sample : J6347-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Manual Integrations
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Sohil
 12/17/2018 4:19:49 PM

Quant Time: Dec 16 01:47:50 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	7.50	152	114601	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	502245	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	302578	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	661017	20.00	ng	0.00
76) Chrysene-d12	21.14	240	730453	20.00	ng	0.00
87) Perylene-d12	23.30	264	732466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	46459	6.77	ng	0.00
7) Phenol-d6	6.70	99	46844	4.91	ng	0.00
23) Nitrobenzene-d5	8.66	82	126305	12.90	ng	0.00
42) 2,4,6-Tribromophenol	15.67	330	53833	12.12	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	328915	14.08	ng	0.00
79) Terphenyl-d14	19.57	244	548499	16.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	7542	2.775	ng	# 83
3) Pyridine	3.52	79	16800	2.101	ng	96
4) n-Nitrosodimethylamine	3.44	42	9395	3.414	ng	# 98
6) Aniline	6.85	93	39284	3.284	ng	99
8) 2-Chlorophenol	7.07	128	24758	3.054	ng	89
9) Benzaldehyde	6.67	77	19837	3.413	ng	96
10) Phenol	6.73	94	64807	6.418	ng	97
11) bis(2-Chloroethyl)ether	6.95	93	43583	5.430	ng	96
12) 1,3-Dichlorobenzene	7.39	146	41583	4.594	ng	96
13) 1,4-Dichlorobenzene	7.53	146	42115	4.582	ng	97
14) 1,2-Dichlorobenzene	7.85	146	41586	4.693	ng	100
15) Benzyl Alcohol	7.76	79	33587	4.323	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.02	45	40641	5.627	ng	97
17) 2-Methylphenol	7.96	107	19848	2.944	ng	89
18) Hexachloroethane	8.55	117	14830	4.402	ng	97
19) n-Nitroso-di-n-propylamine	8.31	70	40240	5.652	ng	95
20) 3+4-Methylphenols	8.29	107	24513	2.594	ng	93
22) Acetophenone	8.33	105	74988	5.642	ng	# 95
24) Nitrobenzene	8.70	77	51732	5.288	ng	100
25) Isophorone	9.22	82	107950	6.622	ng	98
26) 2-Nitrophenol	9.41	139	12723	2.651	ng	100
27) 2,4-Dimethylphenol	9.48	122	29564	4.275	ng	93
28) bis(2-Chloroethoxy)methane	9.70	93	65037	6.120	ng	94
29) 2,4-Dichlorophenol	9.96	162	23140	3.018	ng	94
30) 1,2,4-Trichlorobenzene	10.13	180	46159	5.292	ng	97
31) Naphthalene	10.32	128	146968	5.984	ng	98
32) Benzoic acid	9.61	122	5268m	0.804	ng	
33) 4-Chloroaniline	10.46	127	38696	3.597	ng	94
34) Hexachlorobutadiene	10.59	225	25405	4.605	ng	97
35) Caprolactam	11.26	113	3207	1.098	ng	# 76
36) 4-Chloro-3-methylphenol	11.59	107	32864	3.567	ng	96
37) 2-Methylnaphthalene	11.94	142	115722	6.682	ng	95
38) 1-Methylnaphthalene	12.16	142	113685	6.727	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	56647	5.444	ng	98

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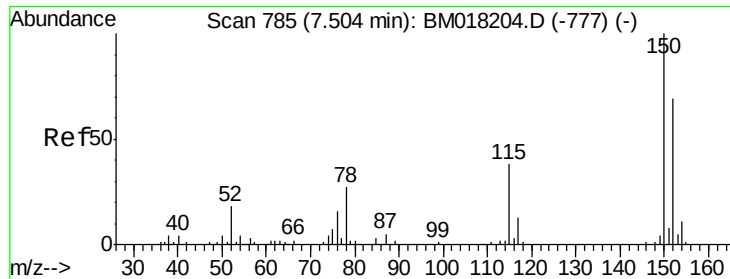
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	30335	14.074	ng	94
43) 2,4,6-Trichlorophenol	12.58	196	20437	3.054	ng	96
44) 2,4,5-Trichlorophenol	12.67	196	22682	3.193	ng	96
46) 1,1'-Biphenyl	12.98	154	152975	5.620	ng	98
47) 2-Chloronaphthalene	13.02	162	115939	5.787	ng	98
48) 2-Nitroaniline	13.25	65	36439	5.904	ng	99
49) Acenaphthylene	13.87	152	196722	6.516	ng	97
50) Dimethylphthalate	13.63	163	204628	8.135	ng	99
51) 2,6-Dinitrotoluene	13.76	165	34171	6.179	ng	98
52) Acenaphthene	14.22	154	119440	6.473	ng	97
53) 3-Nitroaniline	14.10	138	30493	5.240	ng	93
54) 2,4-Dinitrophenol	14.33	184	14173	4.646	ng	90
55) Dibenzofuran	14.56	168	192624	6.497	ng	99
56) 4-Nitrophenol	14.46	139	8206	1.860	ng	94
57) 2,4-Dinitrotoluene	14.57	165	48857	6.392	ng	# 96
58) Fluorene	15.22	166	156085	6.816	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	22694	3.547	ng	# 99
60) Diethylphthalate	15.00	149	180598	6.653	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	80466	6.213	ng	96
62) 4-Nitroaniline	15.27	138	33845	6.129	ng	98
63) Azobenzene	15.51	77	165823	6.699	ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	10879	2.236	ng	97
66) n-Nitrosodiphenylamine	15.44	169	145245	6.645	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	51792	6.470	ng	98
68) Hexachlorobenzene	16.22	284	58410	6.660	ng	97
69) Atrazine	16.40	200	57221	7.754	ng	98
70) Pentachlorophenol	16.59	266	31044	5.360	ng	96
71) Phenanthrene	16.96	178	260172	7.246	ng	99
72) Anthracene	17.06	178	263485	7.397	ng	100
73) Carbazole	17.34	167	250073	6.840	ng	96
74) Di-n-butylphthalate	17.90	149	324987	7.204	ng	99
75) Fluoranthene	18.99	202	325940	7.808	ng	100
77) Benzidine	19.21	184	52923	2.857	ng	98
78) Pyrene	19.36	202	328800	7.554	ng	98
80) Butylbenzylphthalate	20.28	149	150141	7.251	ng	99
81) Benzo(a)anthracene	21.12	228	334348	7.836	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	105018	6.161	ng	99
83) Chrysene	21.17	228	313800	7.646	ng	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	420561	13.628	ng	99
85) Di-n-octyl phthalate	21.93	149	395123	7.818	ng	99
86) Indeno(1,2,3-cd)pyrene	25.44	276	326735	7.992	ng	100
88) Benzo(b)fluoranthene	22.66	252	324660	7.891	ng	96
89) Benzo(k)fluoranthene	22.70	252	313911	7.661	ng	99
90) Benzo(a)pyrene	23.20	252	305852	7.816	ng	98
91) Dibenzo(a,h)anthracene	25.44	278	274294	7.567	ng	96
92) Benzo(g,h,i)perylene	26.09	276	266411	7.775	ng	98

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



#1

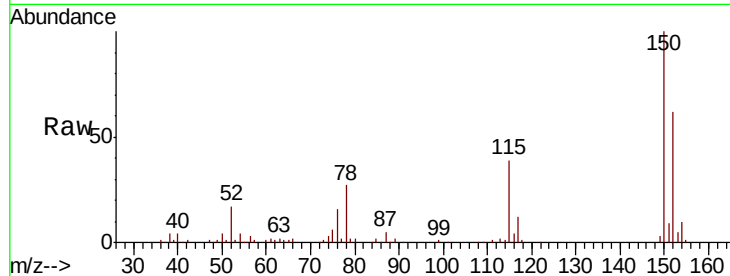
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

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Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	116.1	174.1
115	63.6	44.6	67.0

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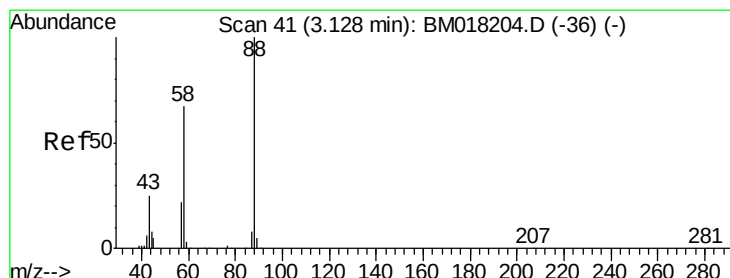
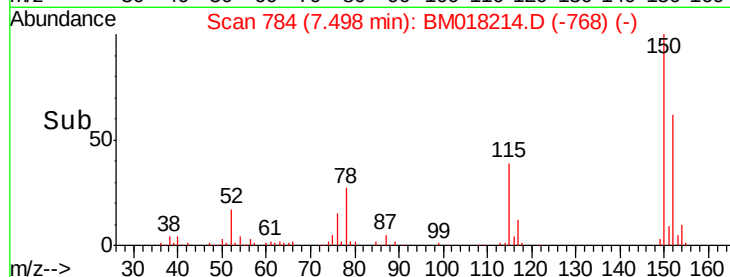
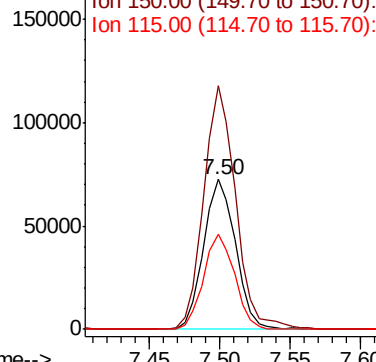


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

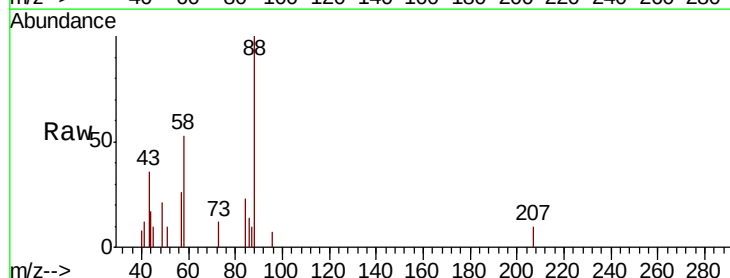
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.775 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	49.8	74.6
43	42.5	19.1	28.7

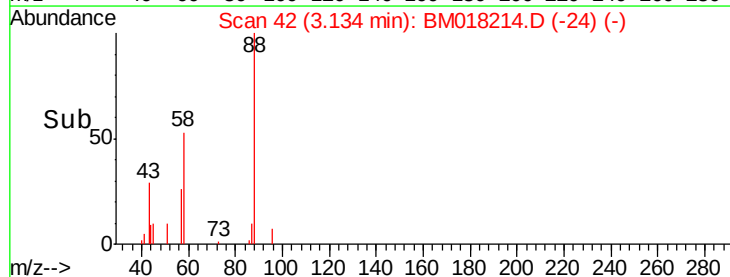
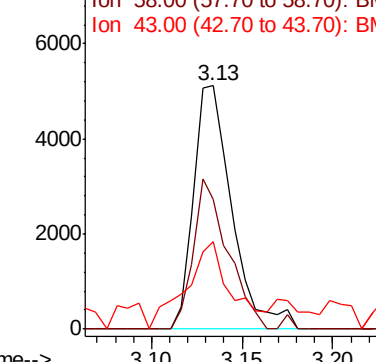


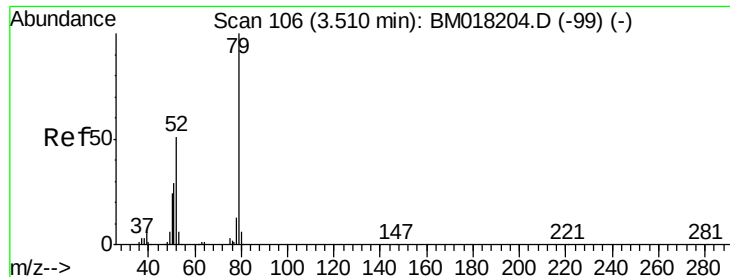
Abundance

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





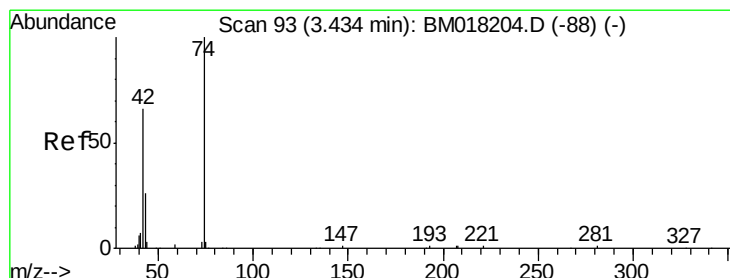
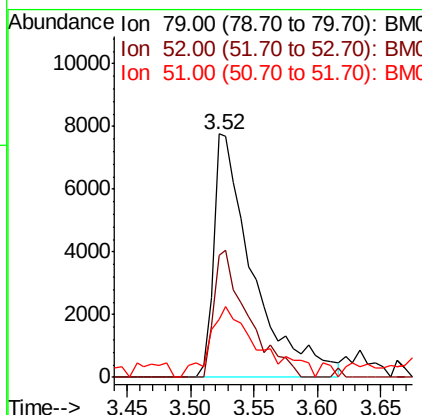
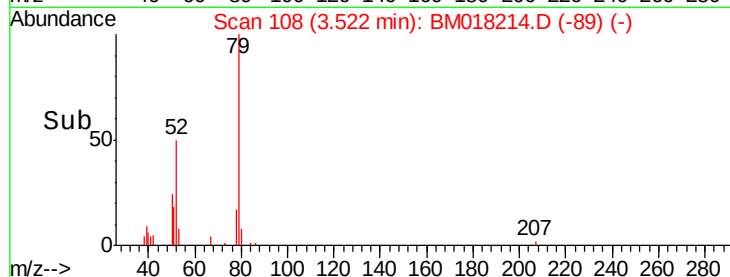
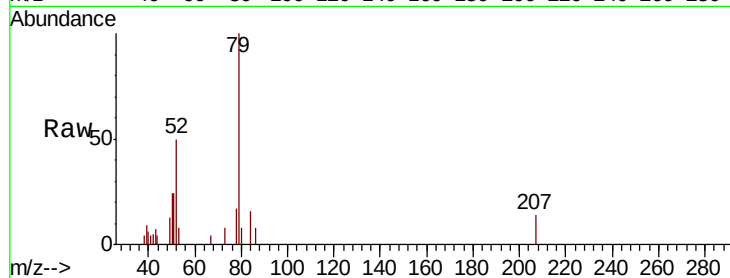
#3
 Pvridine
 Concen: 2.101 ng
 RT: 3.52 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Tot Ion:	79	Resp:	16800
Ion	Ratio	Lower	Upper
79	100		
52	50.1	40.7	61.1
51	23.7	23.0	34.6

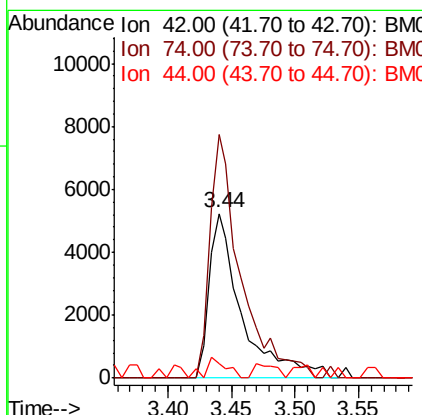
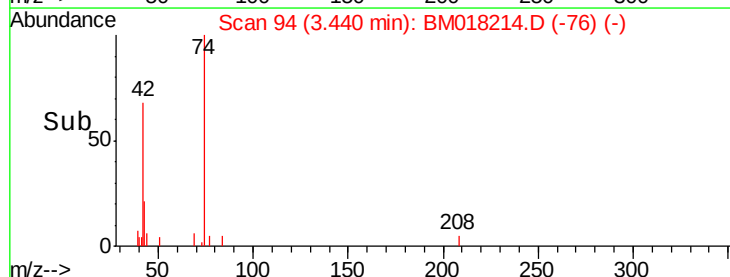
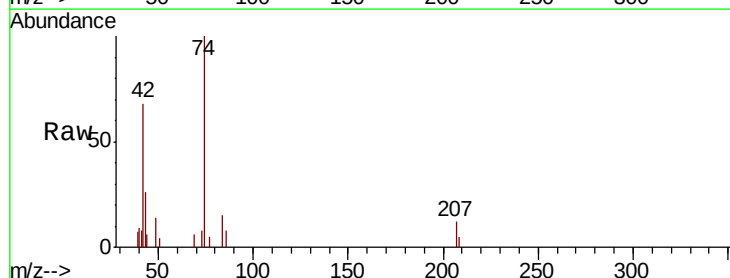
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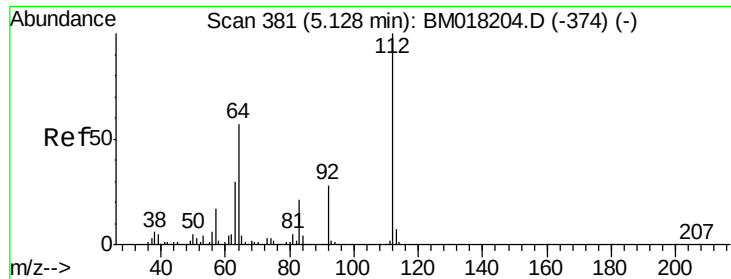
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#4
 n-Nitrosodimethylamine
 Concen: 3.414 ng
 RT: 3.44 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Tgt Ion:	42	Resp:	9395
Ion	Ratio	Lower	Upper
42	100		
74	148.0	120.4	180.6
44	8.6	4.6	7.0





#5

2-Fluorophenol

Concen: 6.772 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

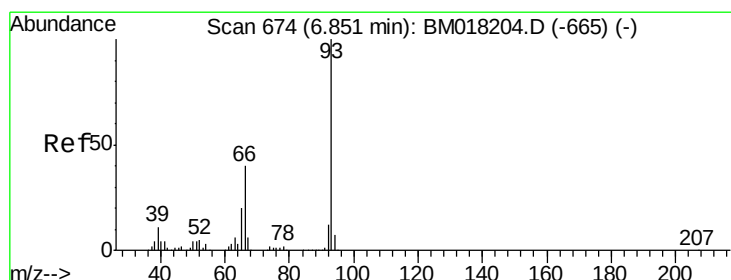
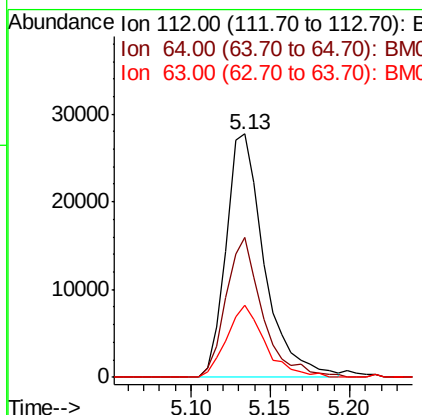
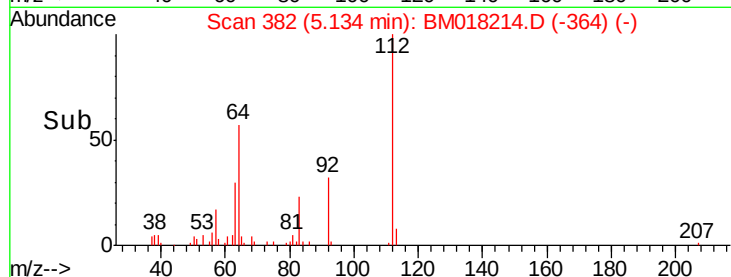
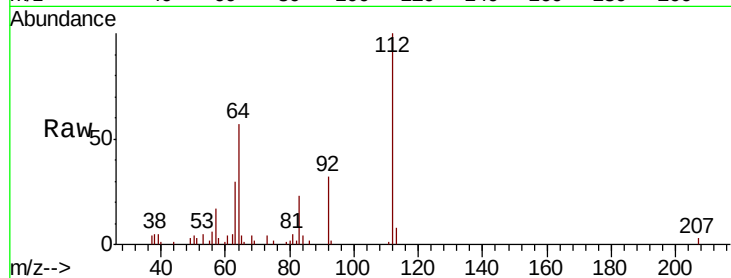
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	112	Resp:	46459
Ion Ratio	Lower	Upper	
112	100		
64	57.4	45.4	68.2
63	29.7	24.0	36.0

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#6

Aniline

Concen: 3.284 ng

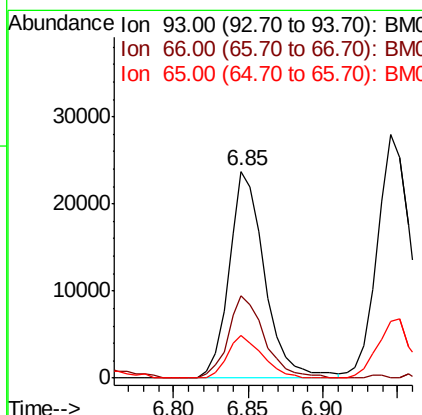
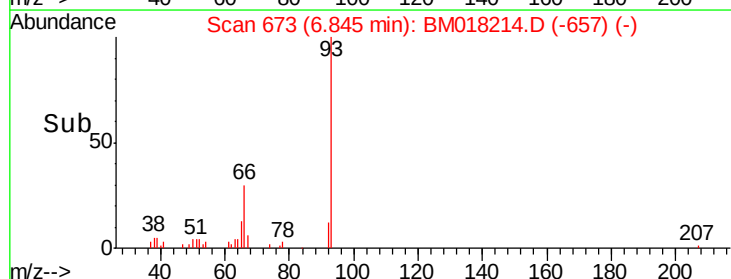
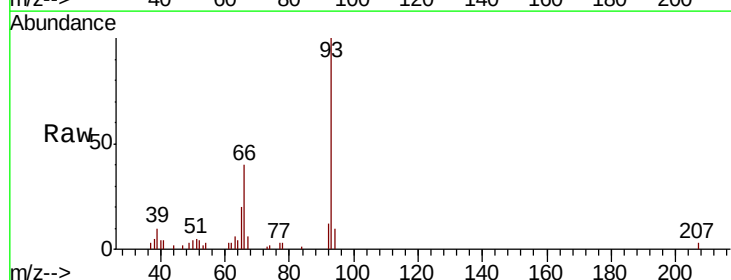
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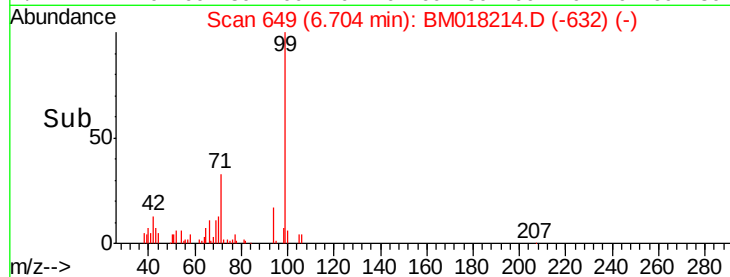
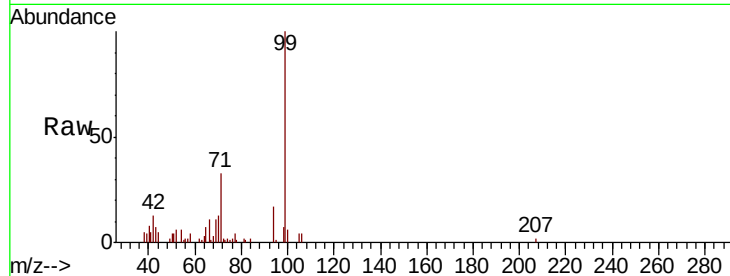
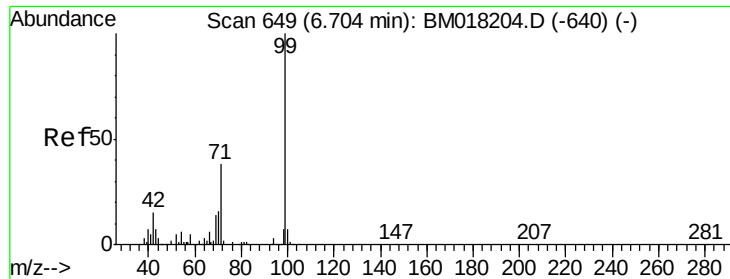
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	93	Resp:	39284
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.3	48.5
65	20.4	16.2	24.4





#7

Phenol-d6

Concen: 4.913 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tot Ion:	99	Resp:	46844
Ion	Ratio	Lower	Upper
99	100		
42	13.0	12.3	18.5
71	32.5	30.2	45.2

Instrument :

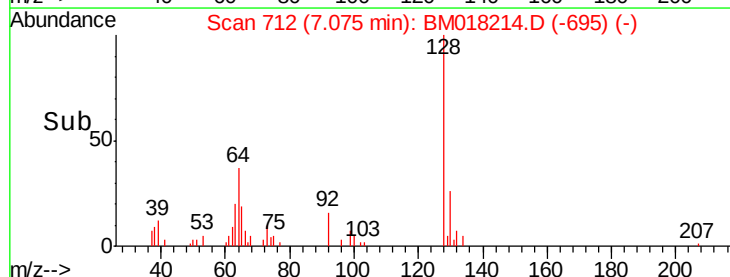
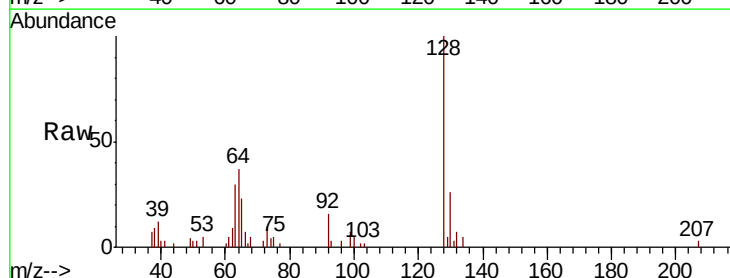
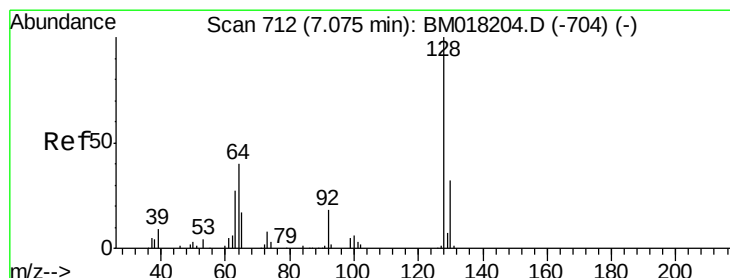
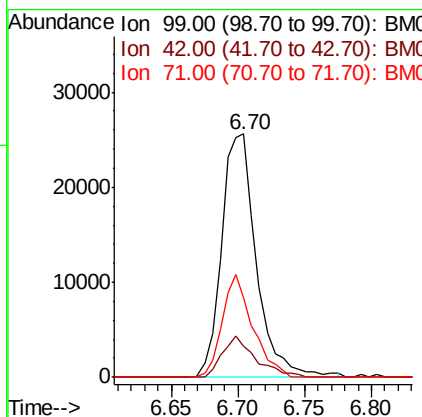
BNA_M

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P001-SW001-01MSD

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#8

2-Chlorophenol

Concen: 3.054 ng

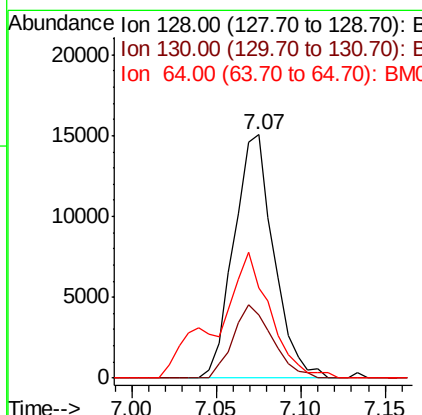
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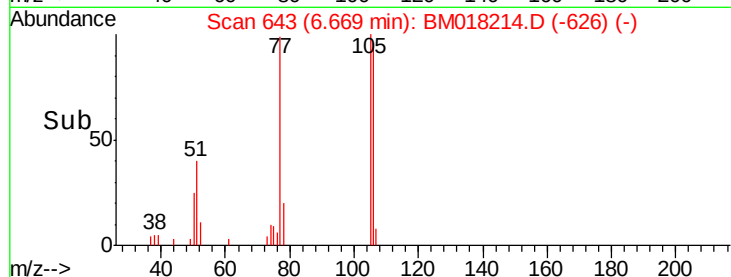
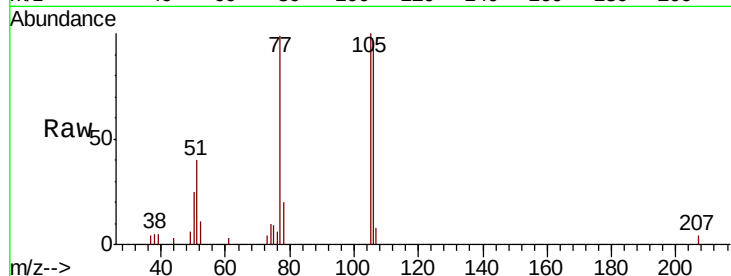
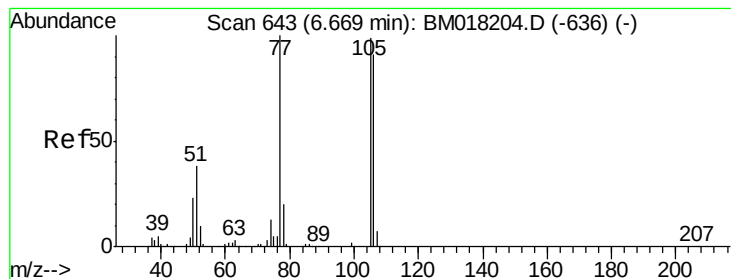
Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	128	Resp:	24758
Ion	Ratio	Lower	Upper
128	100		
130	26.0	12.3	52.3
64	37.2	24.1	64.1





#9

Benzaldehyde

Concen: 3.413 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tot Ion:	77	Resp:	19837
Ion Ratio	Lower	Upper	
77	100		
105	100.6	78.8	118.8
106	97.0	70.7	110.7

Instrument :

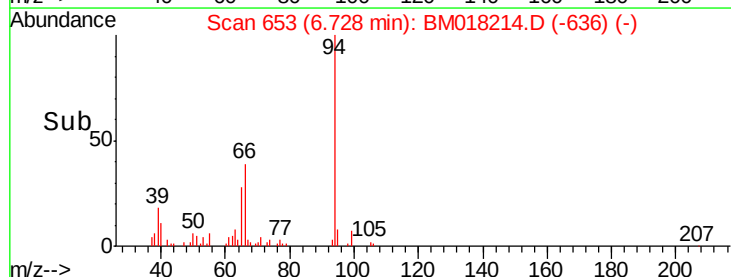
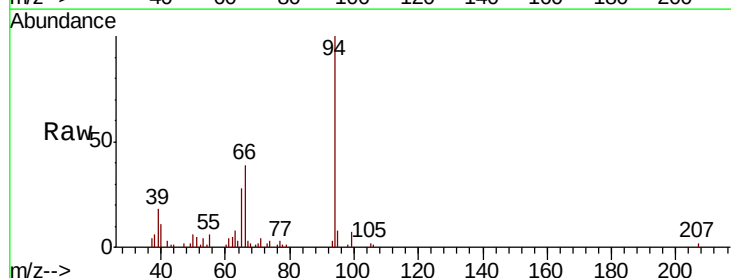
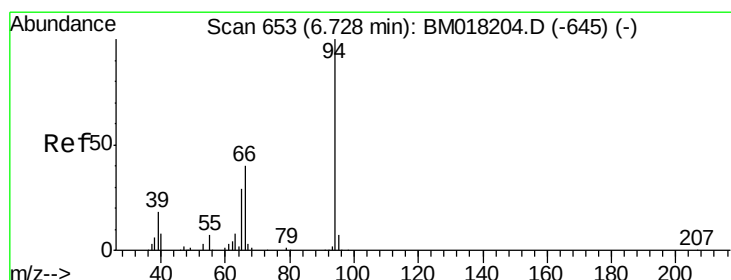
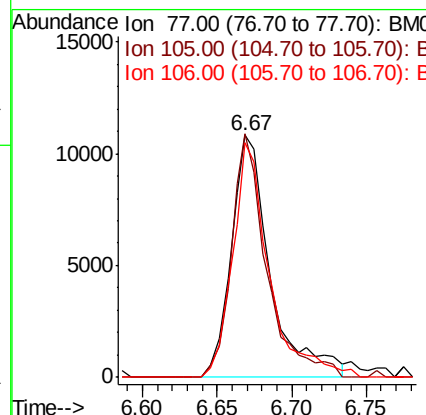
BNA_M

ClientSampleId :

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#10

Phenol

Concen: 6.418 ng

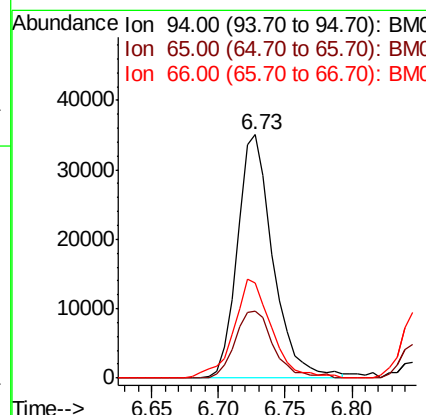
RT: 6.73 min Scan# 653

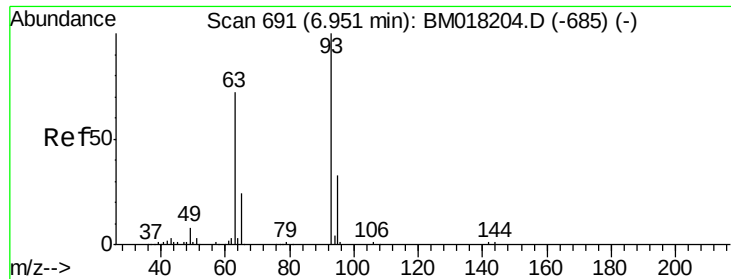
Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	94	Resp:	64807
Ion Ratio	Lower	Upper	
94	100		
65	27.5	9.5	49.5
66	39.2	21.3	61.3





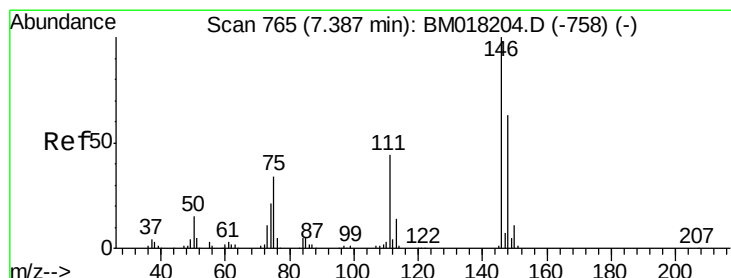
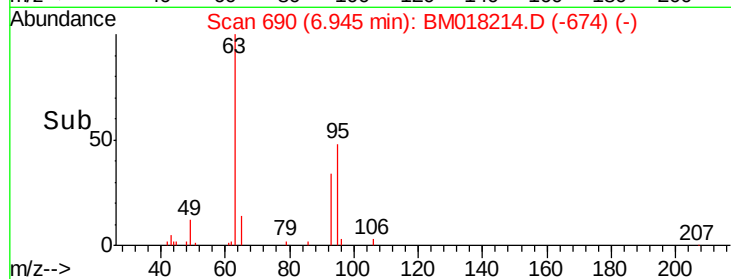
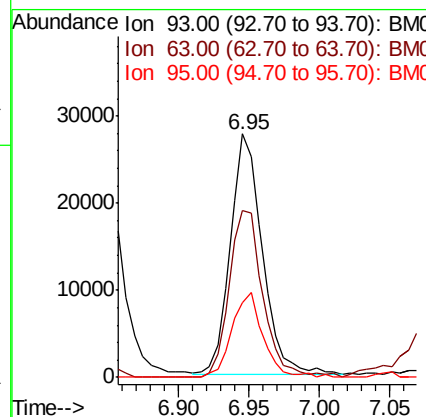
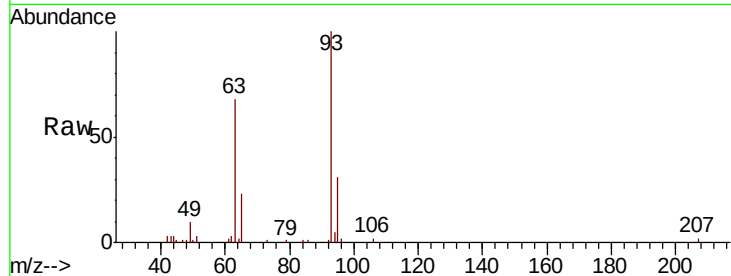
#11
bis(2-Chloroethyl)ether
Concen: 5.430 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion:	93	Resp:	43583
Ion	Ratio	Lower	Upper
93	100		
63	68.4	51.7	91.7
95	30.7	13.1	53.1

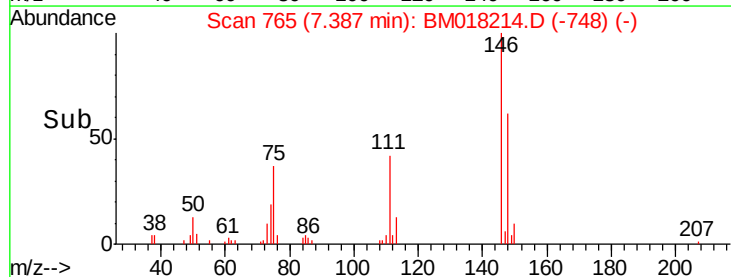
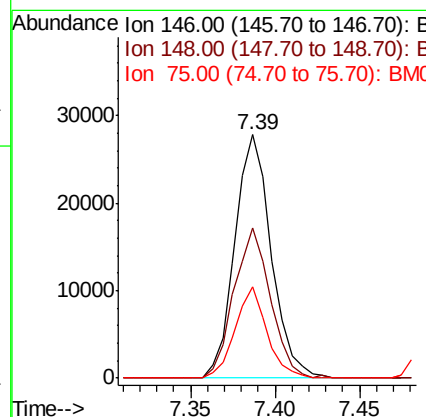
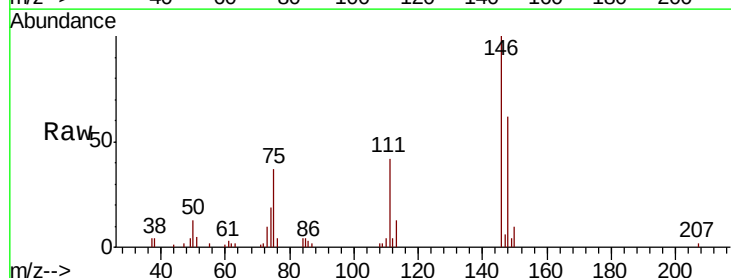
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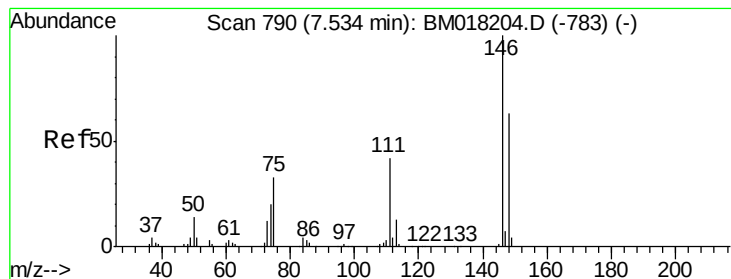
Sohil
12/17/2018 4:19:49 PM



#12
1,3-Dichlorobenzene
Concen: 4.594 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion:	146	Resp:	41583
Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	76.0
75	37.3	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 4.582 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

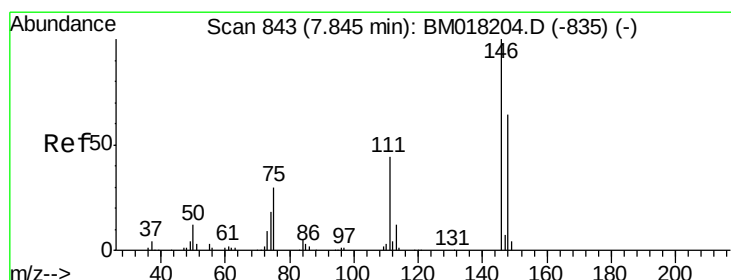
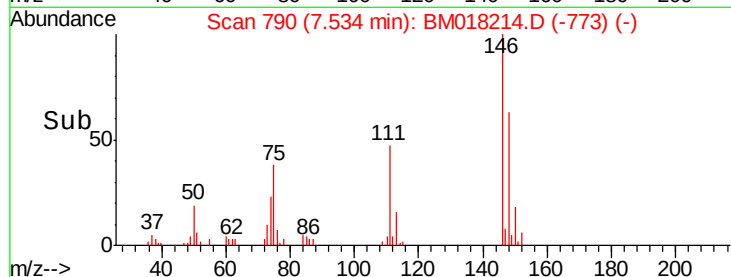
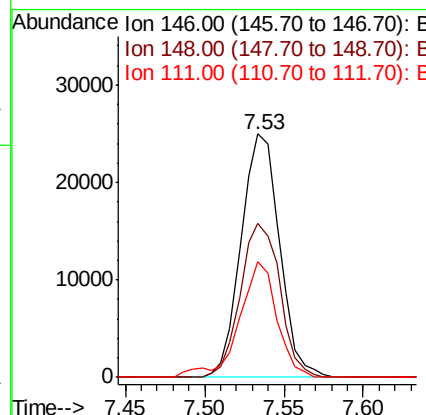
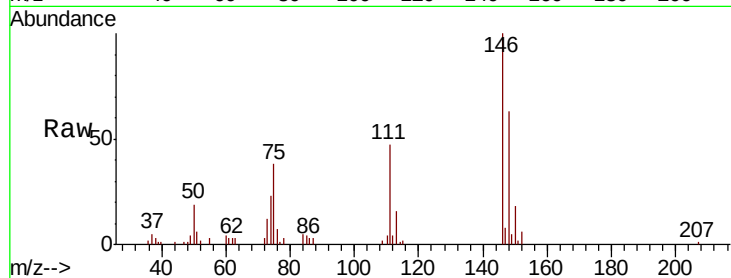
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	146	Resp:	42115
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.7	76.1
111	47.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 4.693 ng

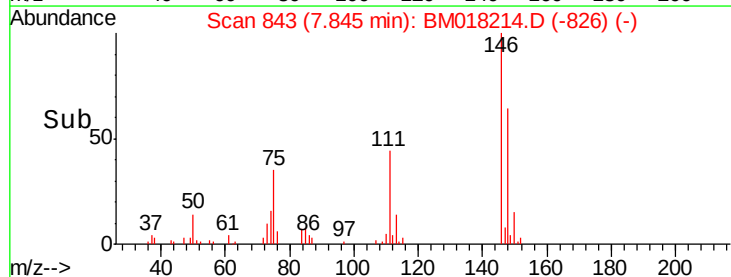
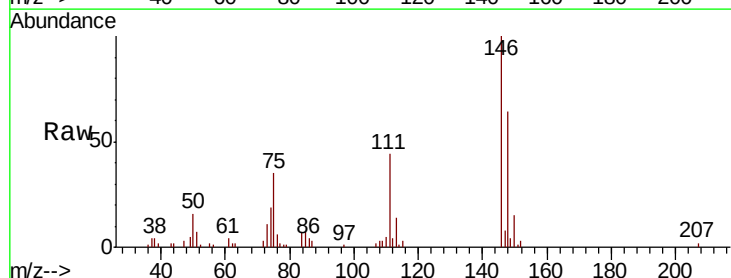
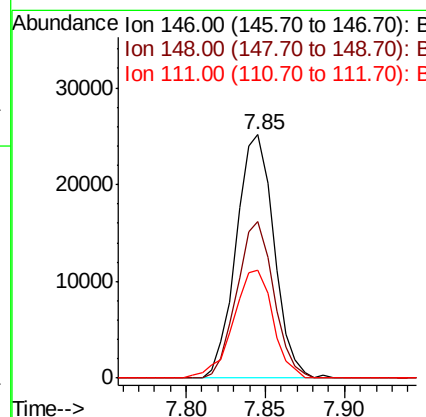
RT: 7.85 min Scan# 843

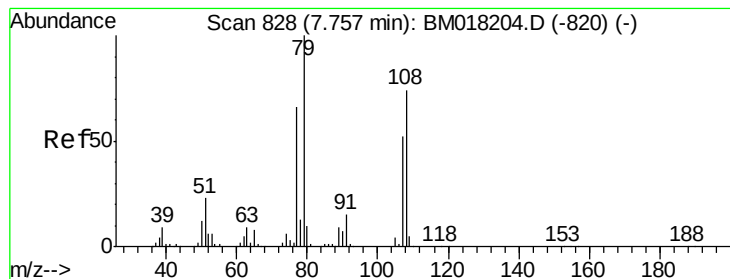
Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	146	Resp:	41586
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.3	76.9
111	44.2	35.8	53.8





#15

Benzyl Alcohol

Concen: 4.323 ng

RT: 7.76 min Scan# 829

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

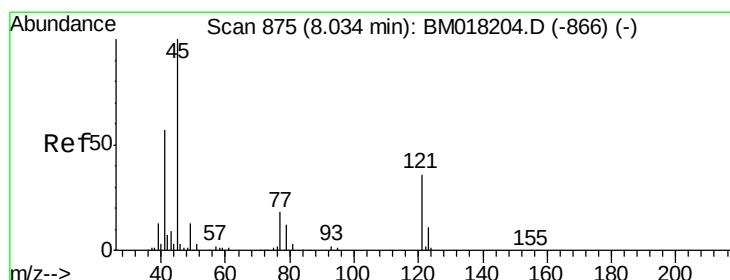
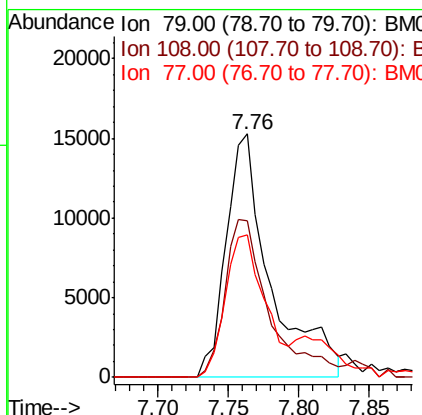
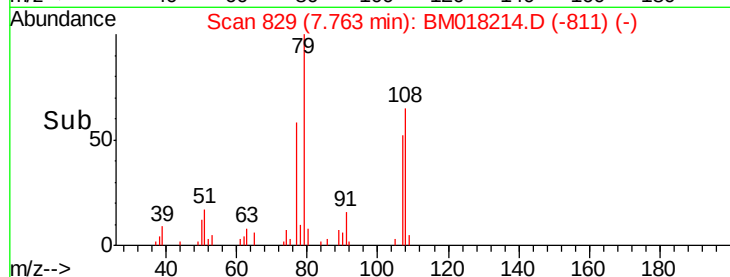
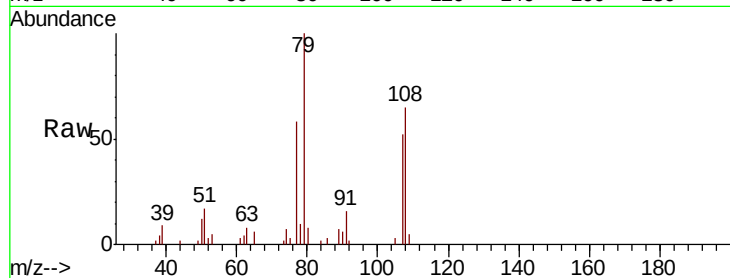
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	79	Resp:	33587
Ion Ratio	Lower	Upper	
79	100		
108	64.5	59.3	88.9
77	58.4	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.627 ng

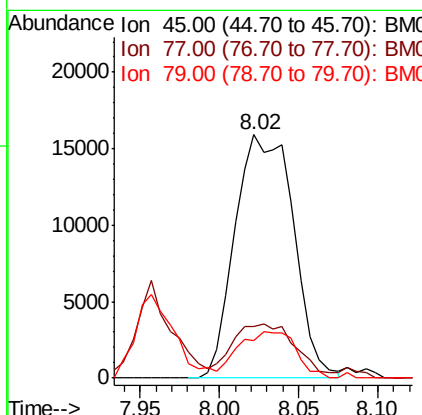
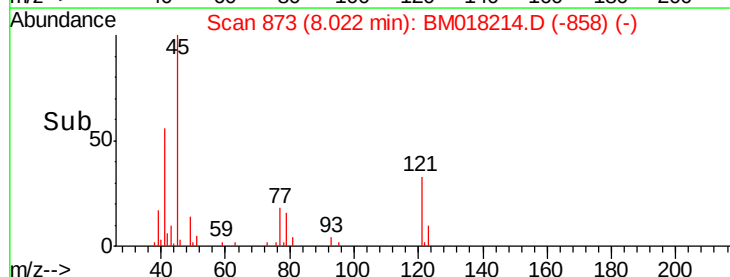
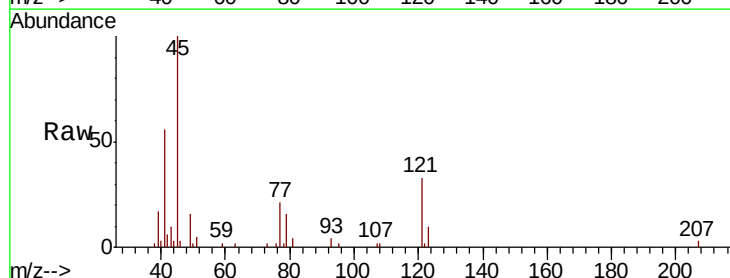
RT: 8.02 min Scan# 873

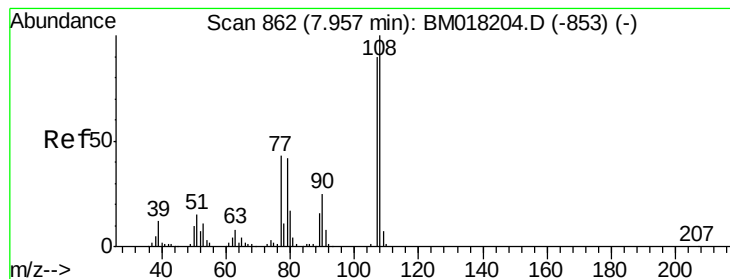
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	45	Resp:	40641
Ion Ratio	Lower	Upper	
45	100		
77	21.3	2.5	42.5
79	15.6	0.0	37.2





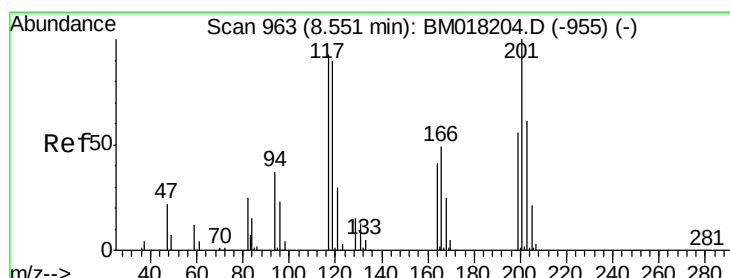
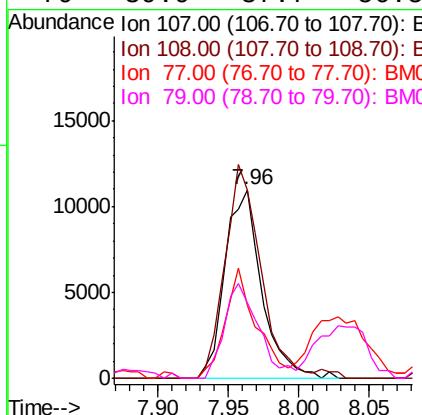
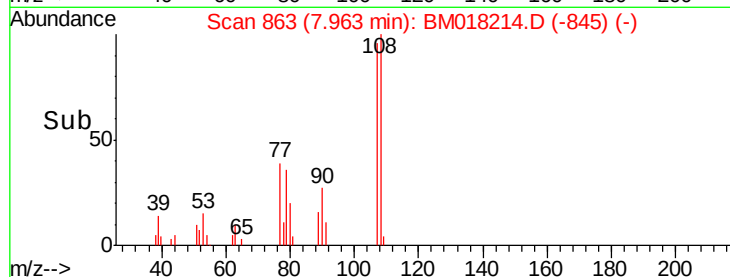
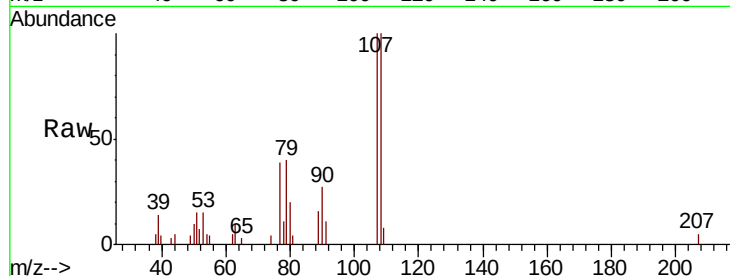
#17
2-Methylphenol
Concen: 2.944 ng
RT: 7.96 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	100.1	89.3	133.9
77	38.6	38.2	57.4
79	39.9	37.7	56.5

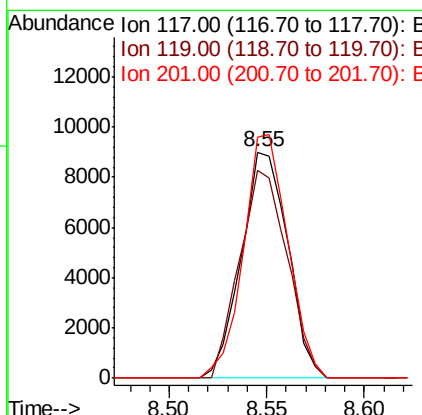
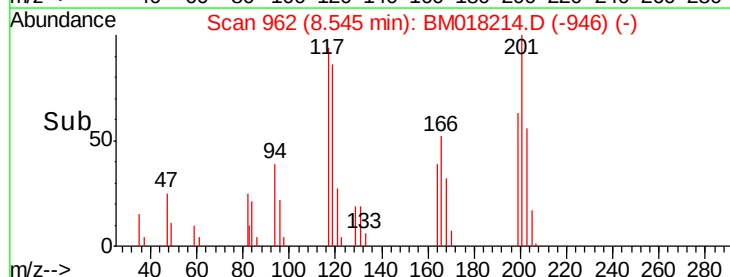
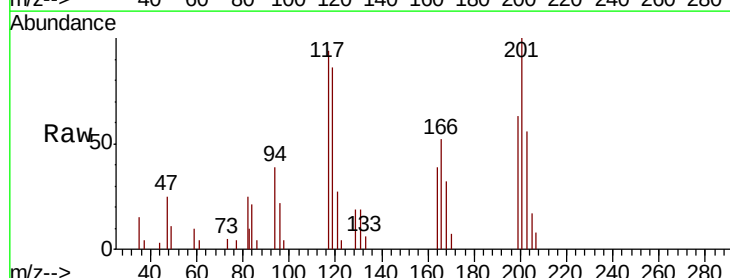
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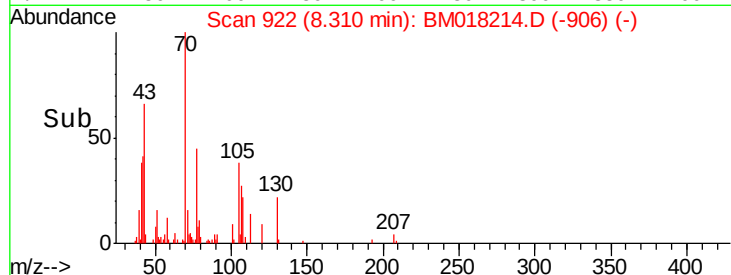
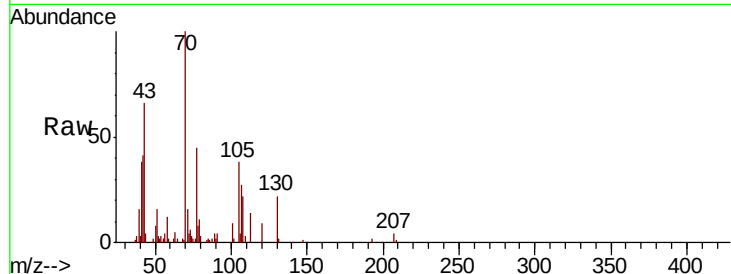
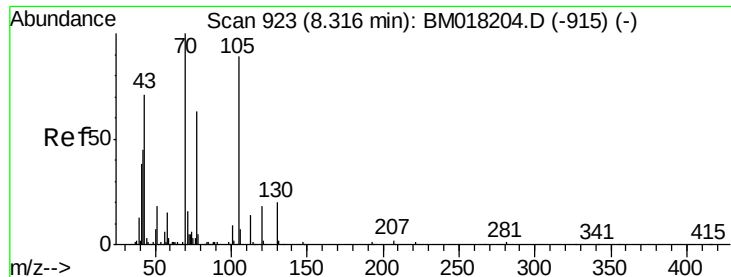
Sohil
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#18
Hexachloroethane
Concen: 4.402 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.0	115.4
201	106.3	85.7	128.5





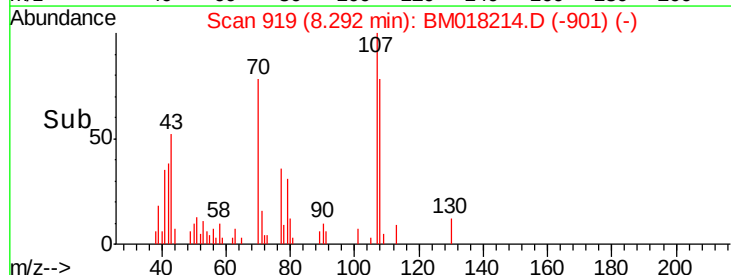
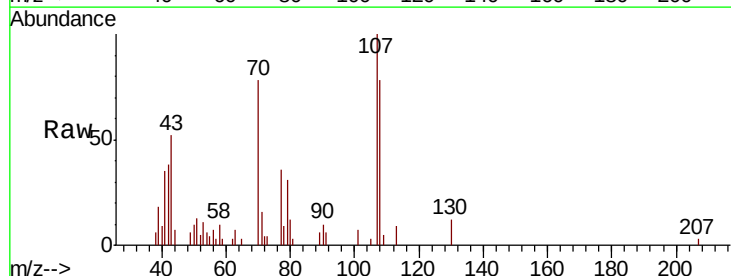
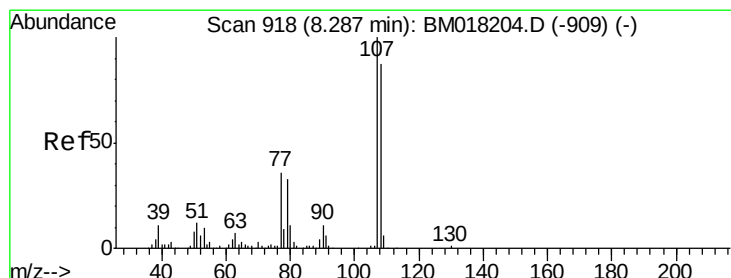
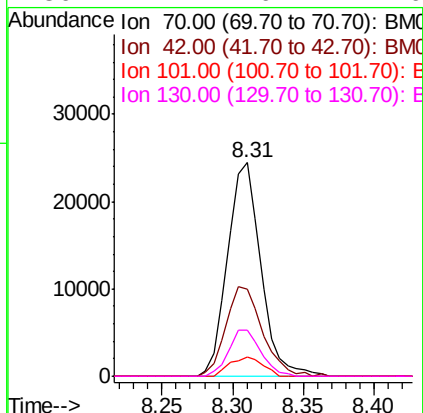
#19
n-Nitroso-di-n-propylamine
Concen: 5.652 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

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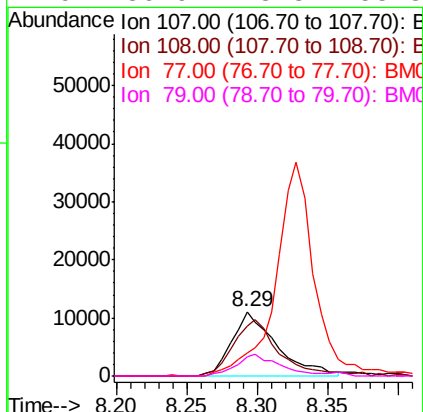
Sohil
12/17/2018 4:19:49 PM

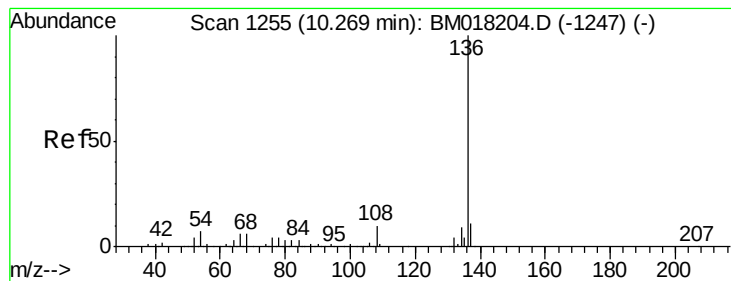
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.0	36.2	54.2	
101	9.0	7.5	11.3	
130	21.7	16.4	24.6	



#20
3+4-Methylphenols
Concen: 2.594 ng
RT: 8.29 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	78.0	67.4	107.4	
77	36.3	15.7	55.7	
79	30.9	13.3	53.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

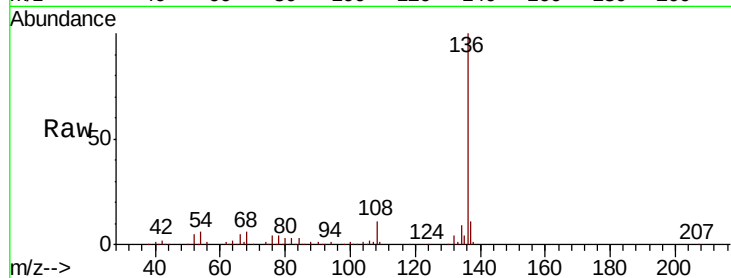
ClientSampleId :

P001-SW001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		502245		
137	11.3		9.2	13.8	
54	5.7		5.2	7.8	
68	5.6		5.0	7.6	

Manual Integrations
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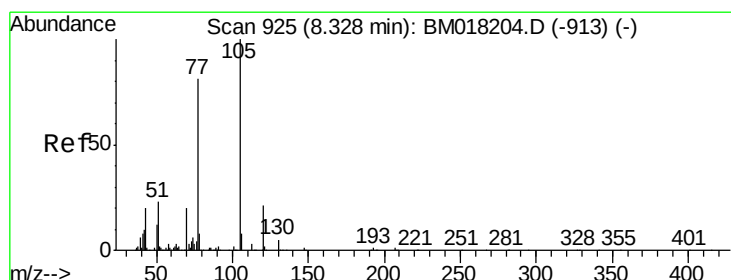
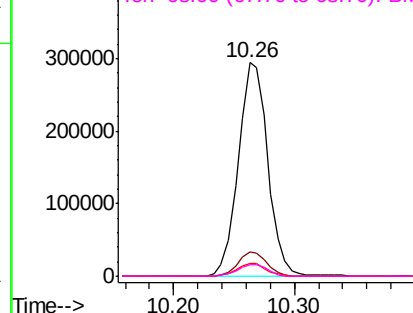
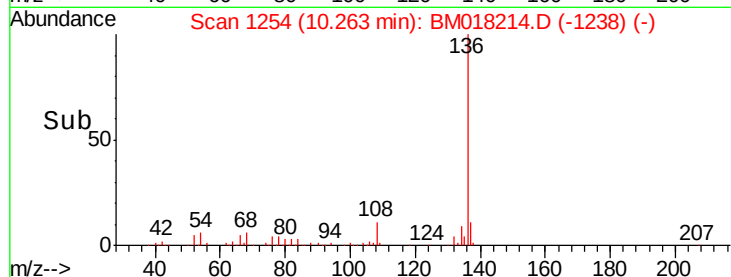
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 5.642 ng

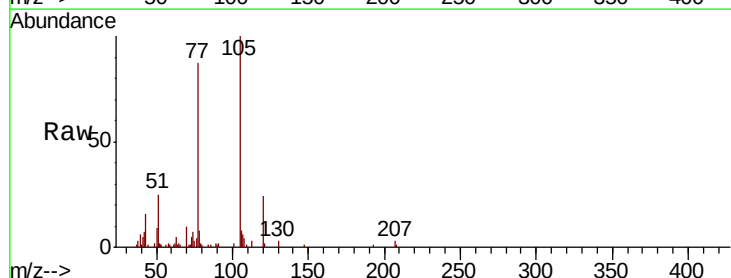
RT: 8.33 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		74988		
71	1.4		2.6	4.0#	
51	25.5		18.3	27.5	
120	24.0		17.0	25.6	



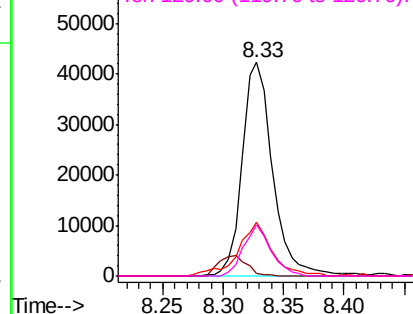
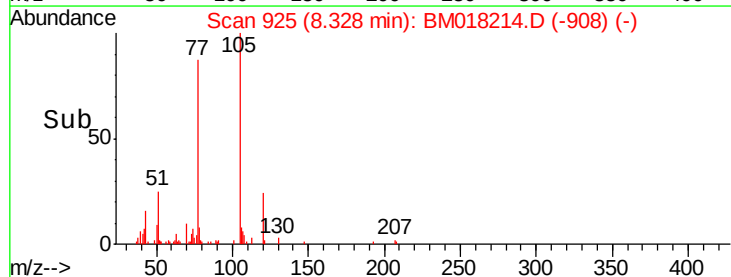
Abundance

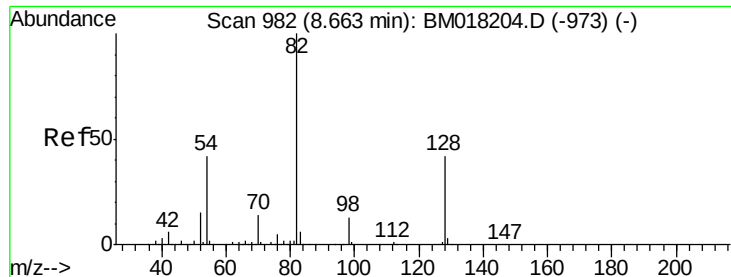
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





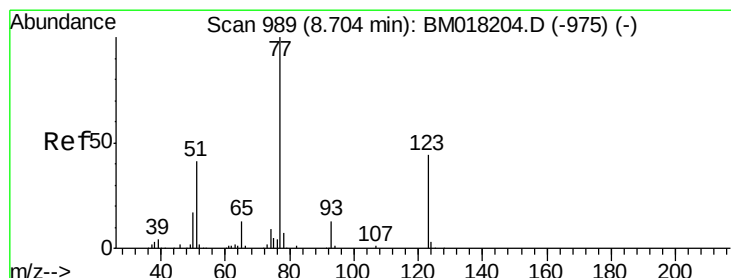
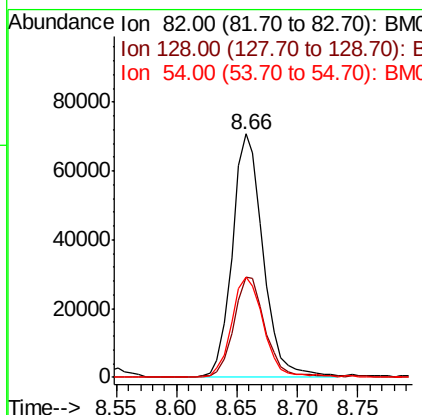
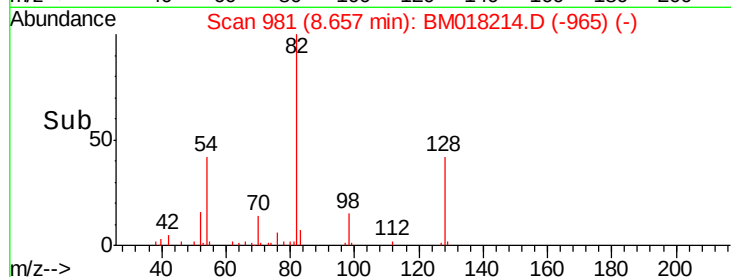
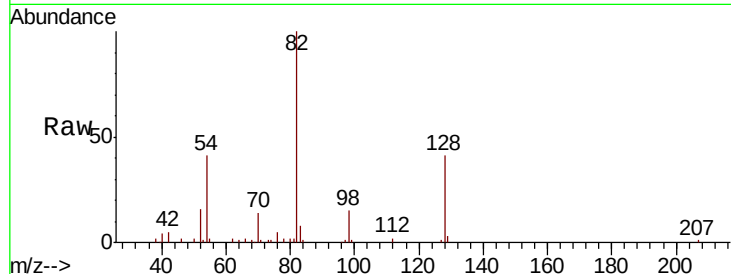
#23
Nitrobenzene-d5
Concen: 12.899 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion:	82	Resp:	126305
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.4	50.2
54	41.3	33.4	50.2

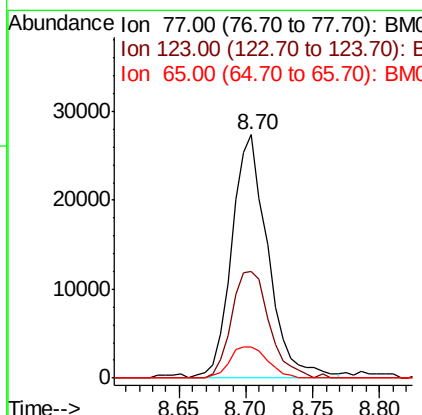
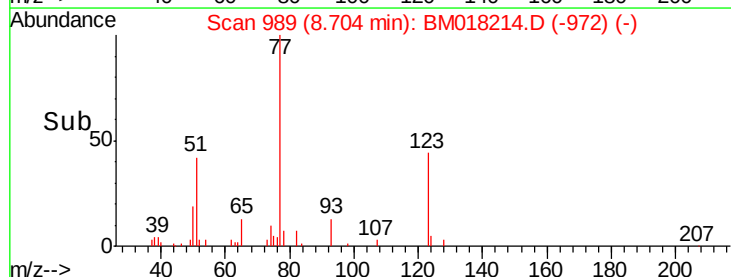
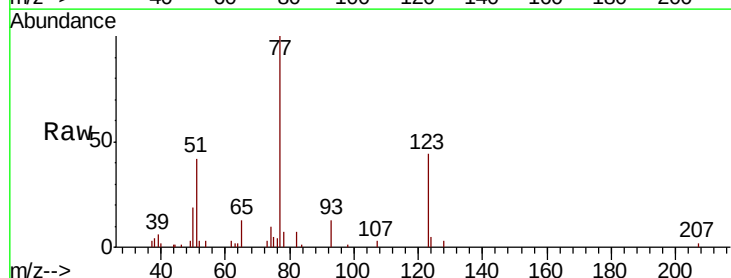
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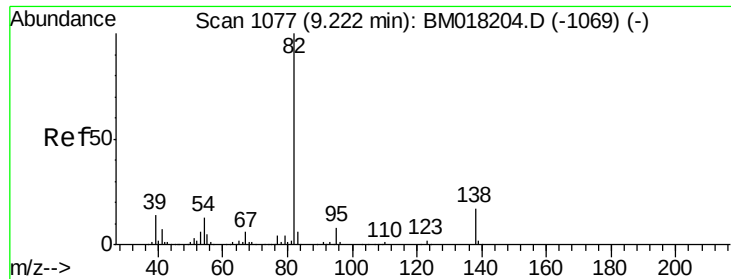
Sohil
12/17/2018 4:19:49 PM



#24
Nitrobenzene
Concen: 5.288 ng
RT: 8.70 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion:	77	Resp:	51732
Ion Ratio	Lower	Upper	
77	100		
123	44.0	35.4	53.2
65	13.0	10.6	15.8





#25

Isophorone

Concen: 6.622 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

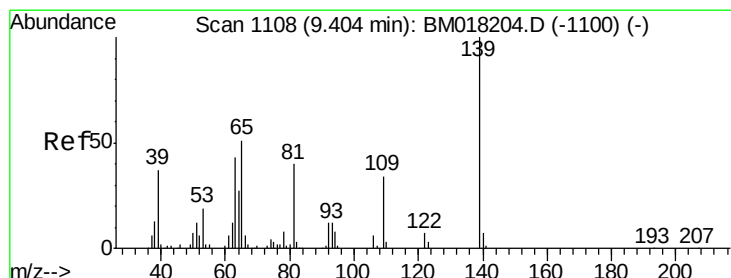
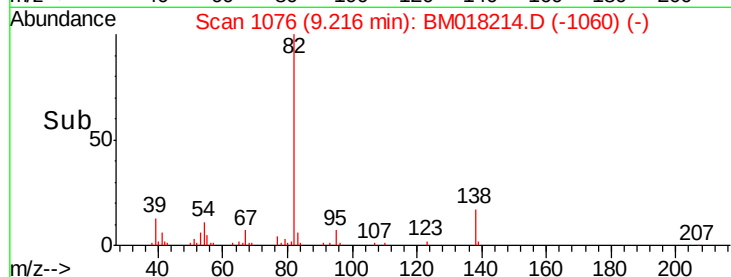
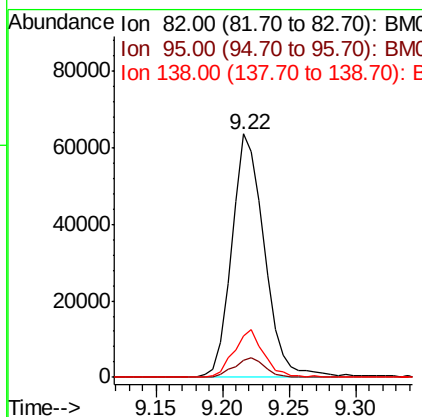
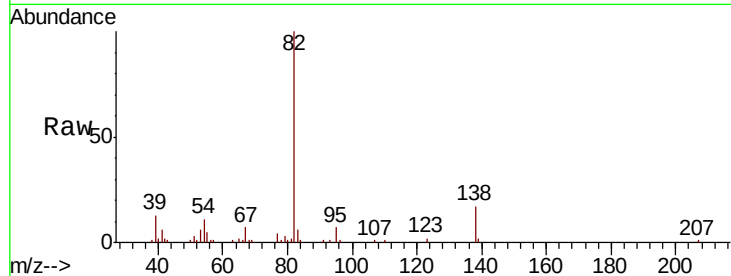
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	82	Resp:	107950
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.4	9.6
138	16.9	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 2.651 ng

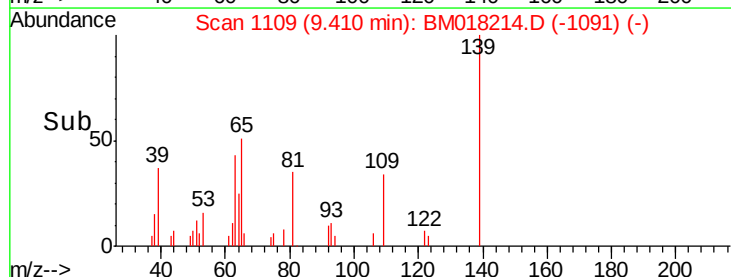
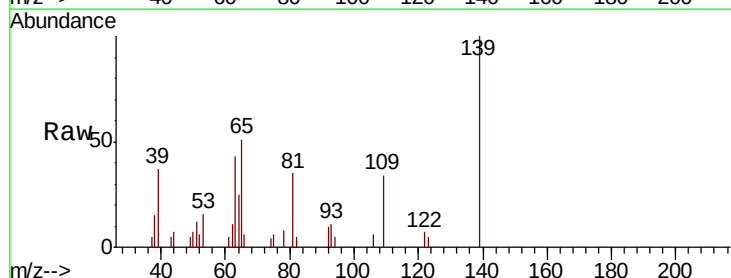
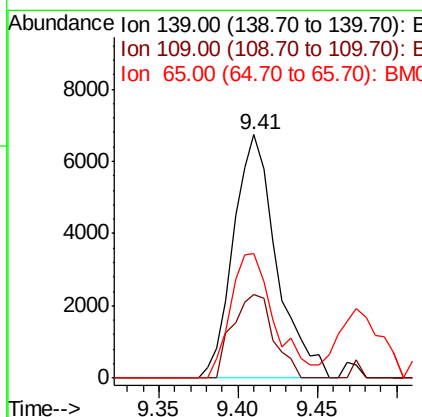
RT: 9.41 min Scan# 1109

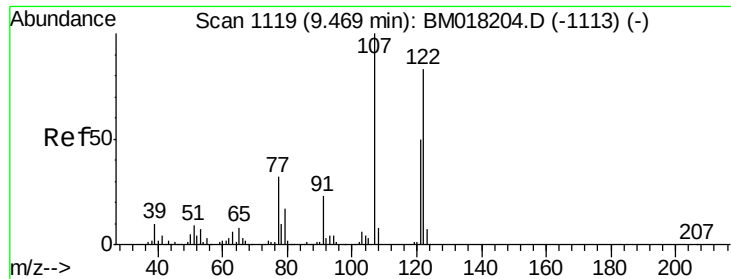
Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	139	Resp:	12723
Ion Ratio	Lower	Upper	
139	100		
109	34.2	27.4	41.0
65	51.0	41.0	61.4





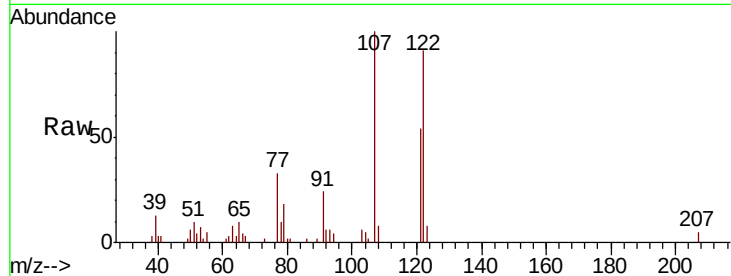
#27
2,4-Dimethylphenol
Concen: 4.275 ng
RT: 9.48 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	96.5	144.7
121	59.5	48.2	72.4

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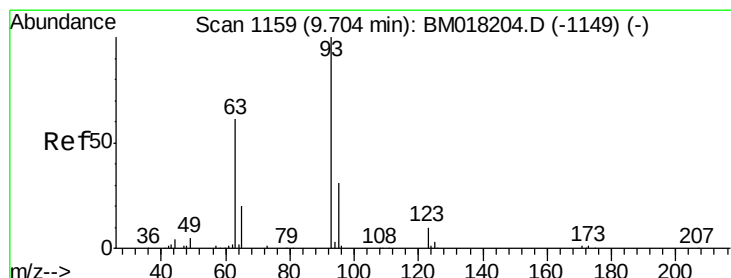
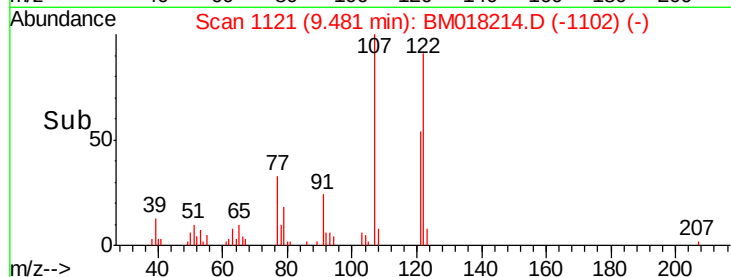
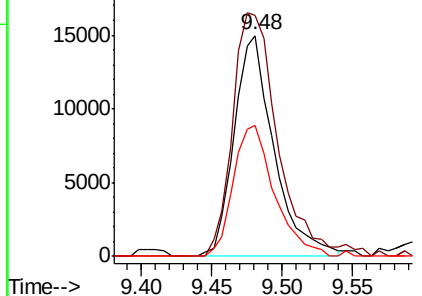


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 6.120 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

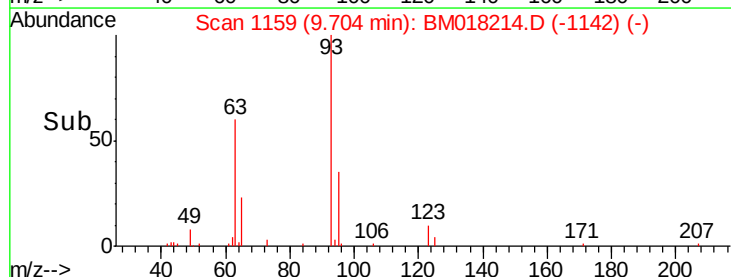
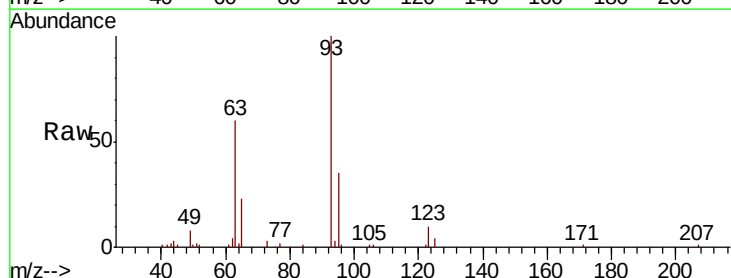
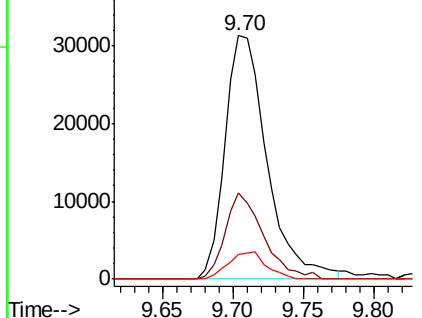
Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.4	25.3	37.9
123	10.2	9.3	13.9

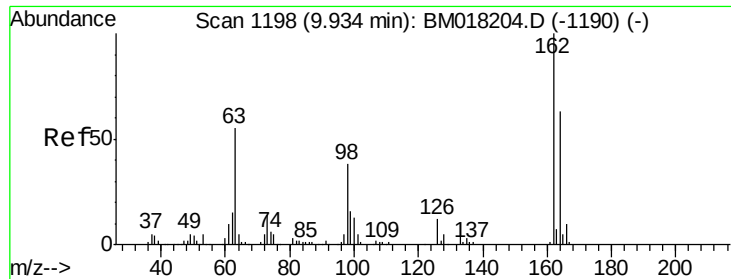
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





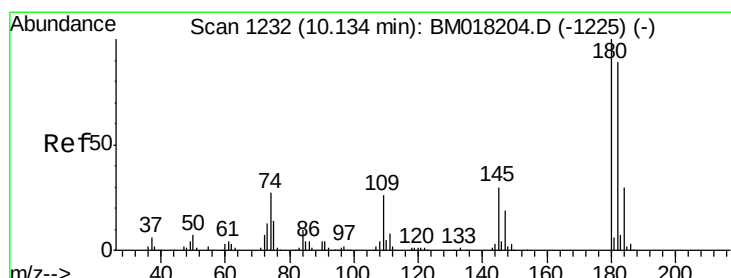
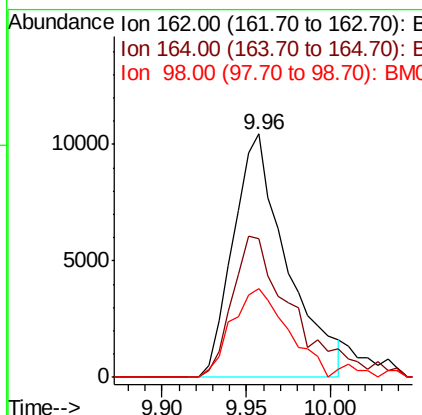
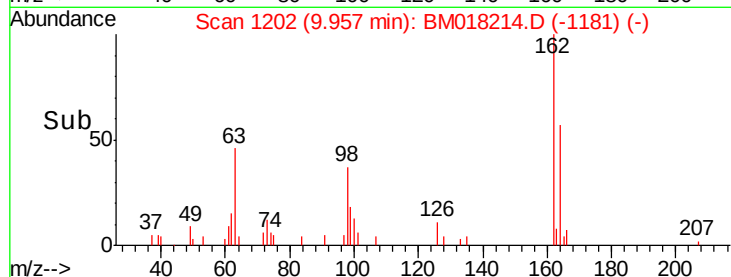
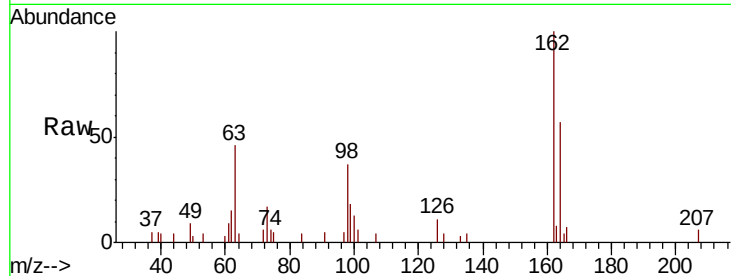
#29
2,4-Dichlorophenol
Concen: 3.018 ng
RT: 9.96 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.1	43.0	83.0
98	36.6	18.3	58.3

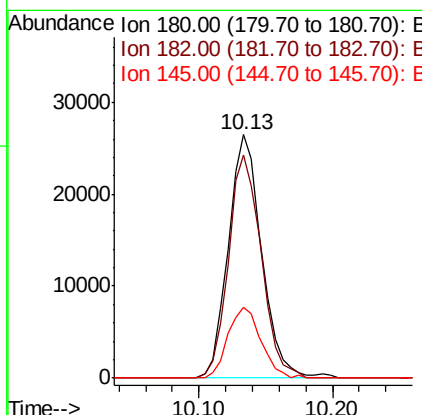
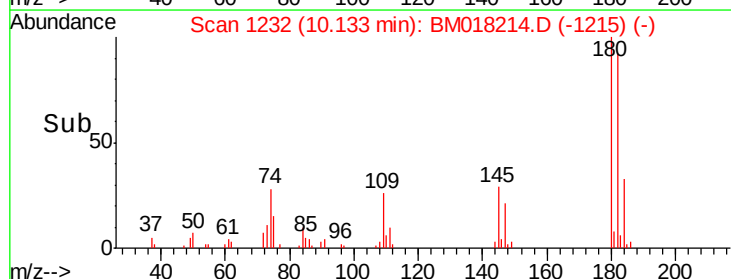
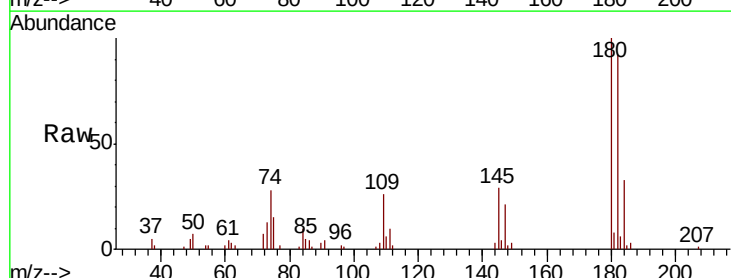
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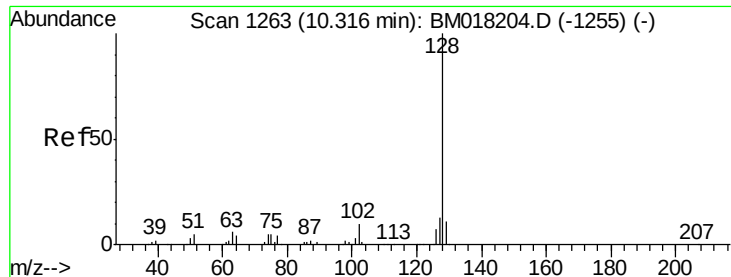
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#30
1,2,4-Trichlorobenzene
Concen: 5.292 ng
RT: 10.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	71.4	107.2
145	29.2	24.4	36.6





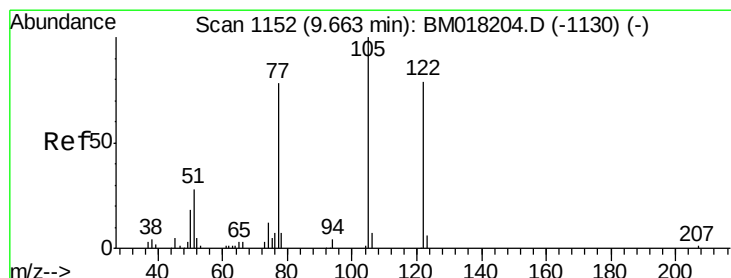
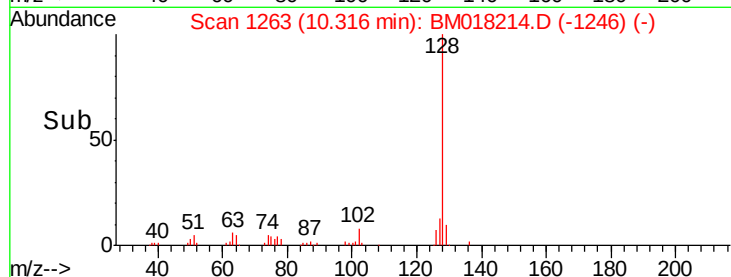
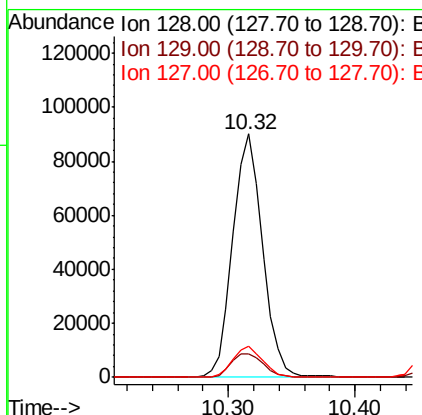
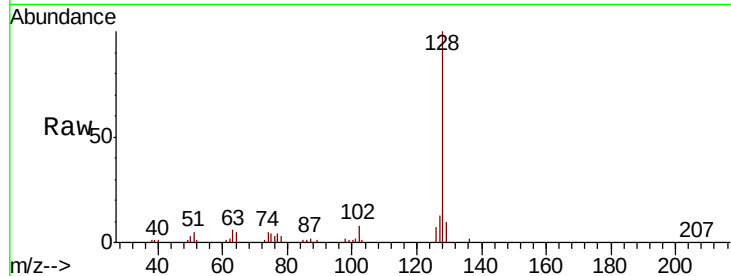
#31
Naphthalene
Concen: 5.984 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.9	13.3
127	13.0	10.4	15.6

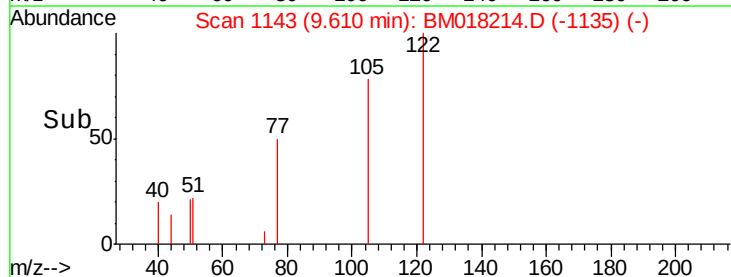
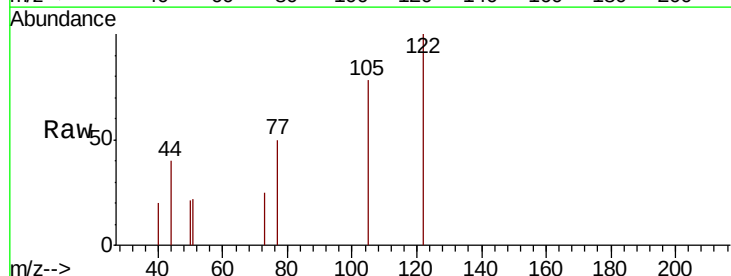
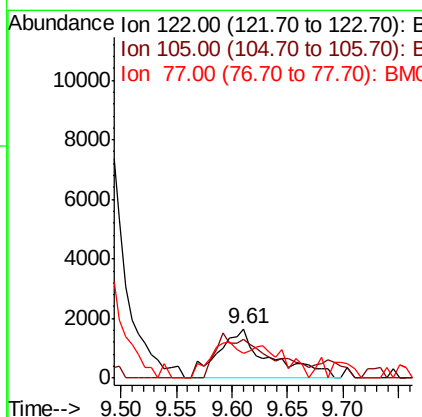
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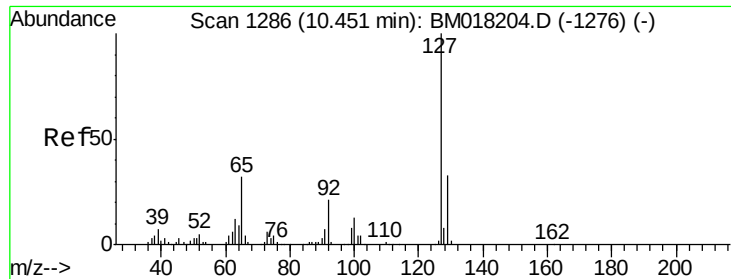
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#32
Benzoic acid
Concen: 0.804 ng m
RT: 9.61 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	77.5	104.8	144.8#
77	50.4	77.7	117.7#





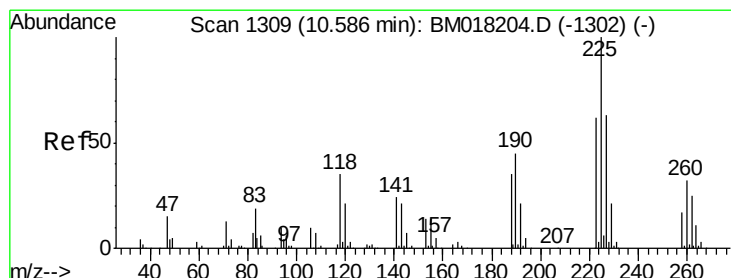
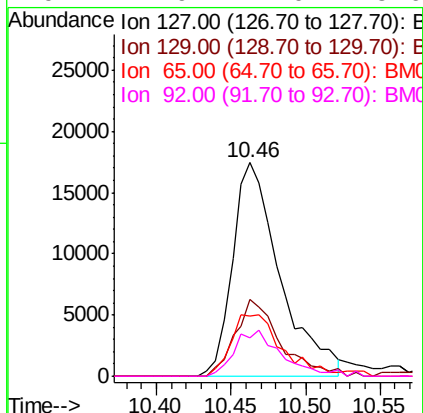
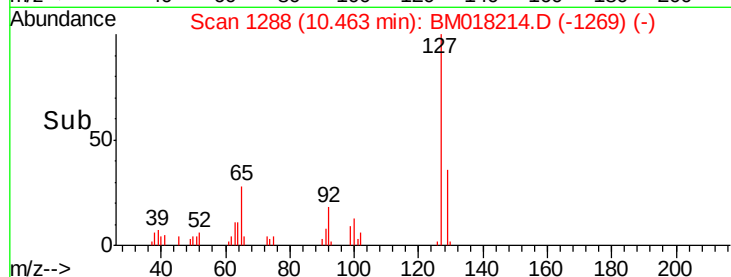
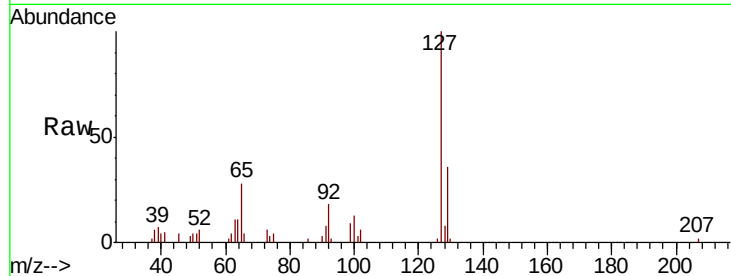
#33
4-Chloroaniline
Concen: 3.597 ng
RT: 10.46 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.2	26.4	39.6		
65	28.4	25.6	38.4		
92	17.9	17.0	25.6		

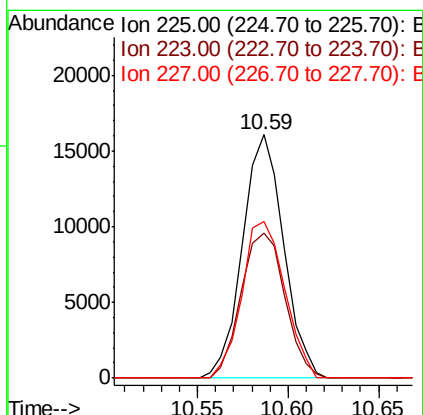
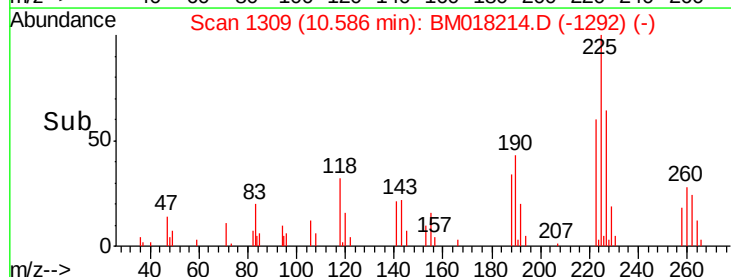
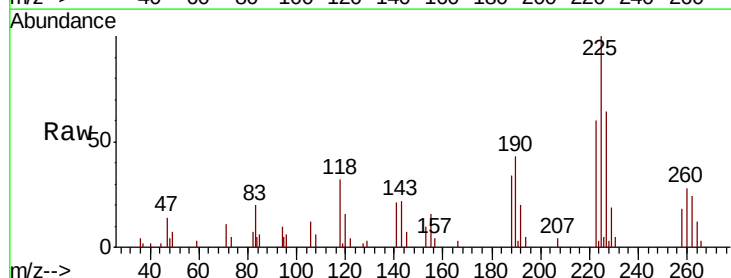
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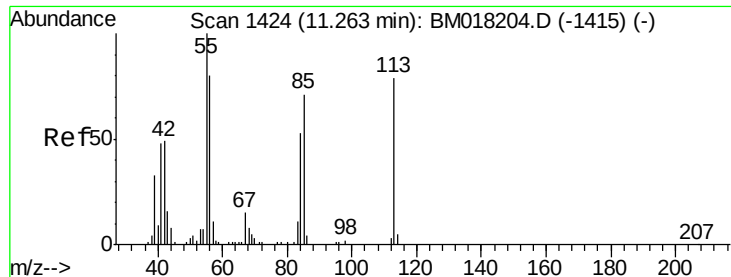
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#34
Hexachlorobutadiene
Concen: 4.605 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.8	49.8	74.6		
227	64.4	50.2	75.4		





#35

Caprolactam

Concen: 1.098 ng

RT: 11.26 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

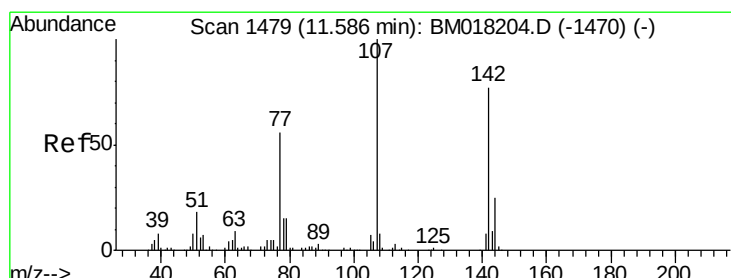
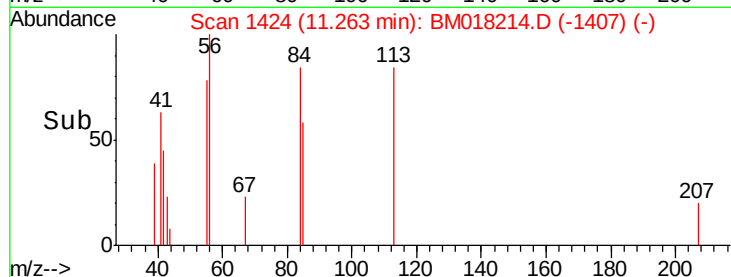
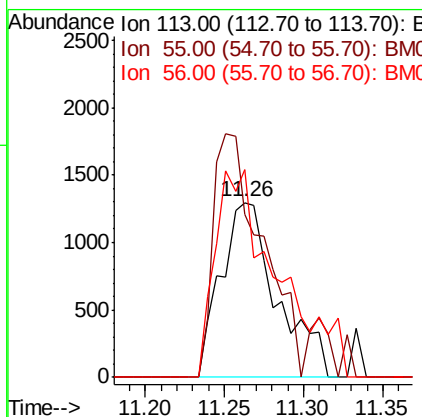
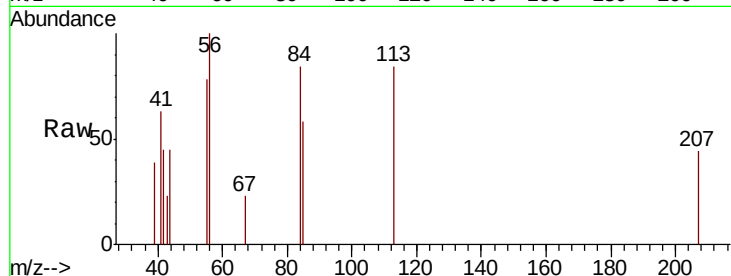
ClientSampleId :

P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	93.6	105.9	145.9#
56	119.3	80.1	120.1

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#36

4-Chloro-3-methylphenol

Concen: 3.567 ng

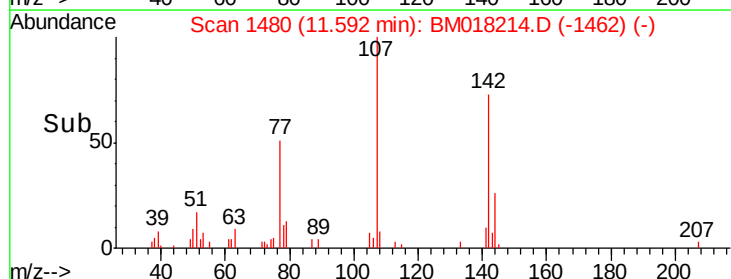
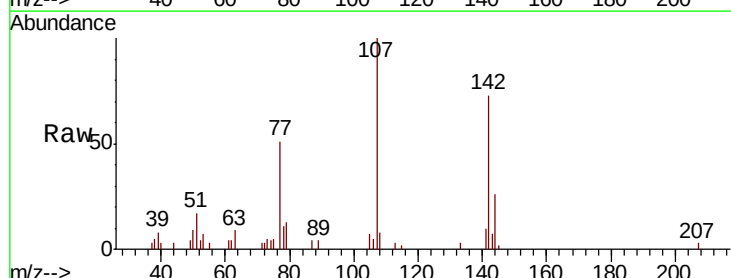
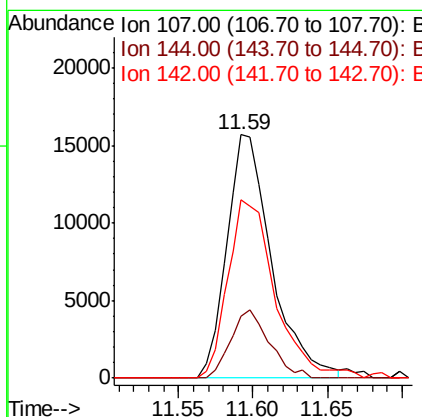
RT: 11.59 min Scan# 1480

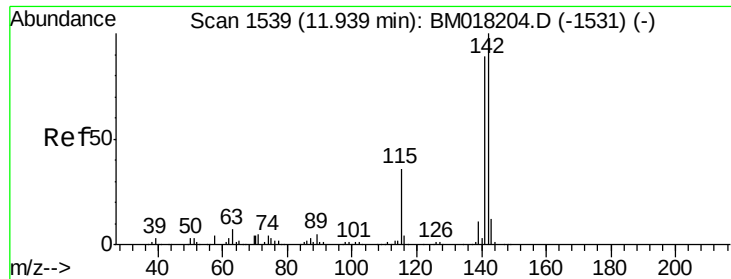
Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	73.3	61.7	92.5





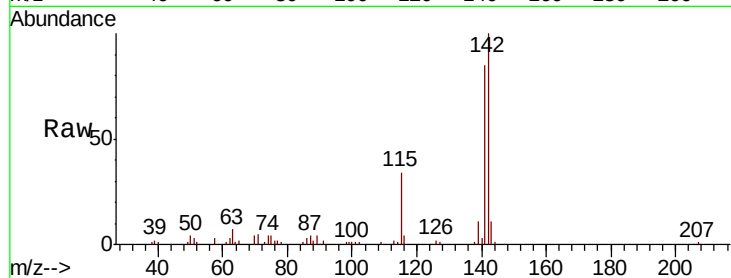
#37
2-Methylnaphthalene
Concen: 6.682 ng
RT: 11.94 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.6	71.4	107.2
115	34.1	29.0	43.6

Manual Integrations
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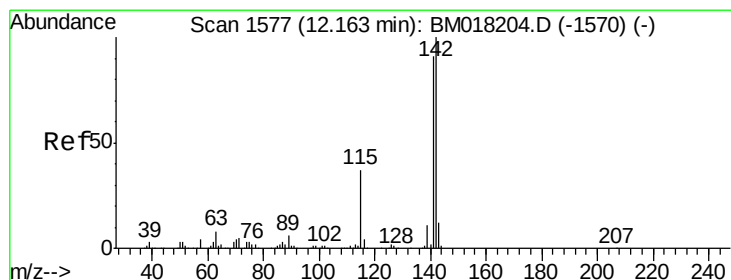
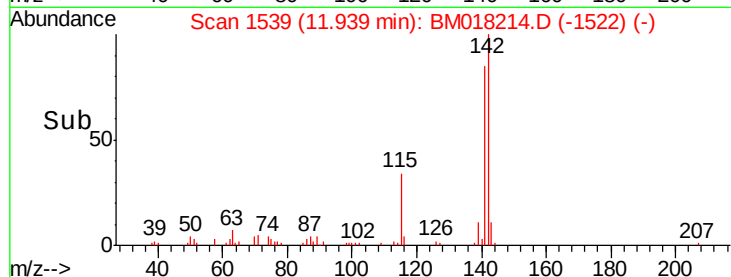
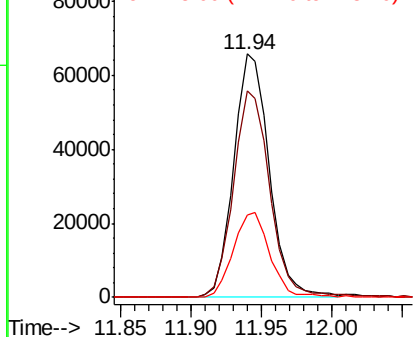


Abundance

Ion 142.00 (141.70 to 142.70): E

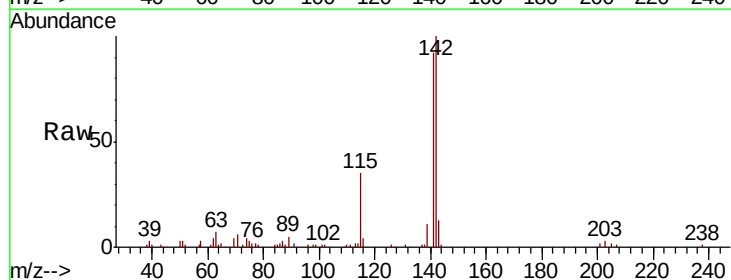
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 6.727 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.4
116	3.6	3.0	4.6

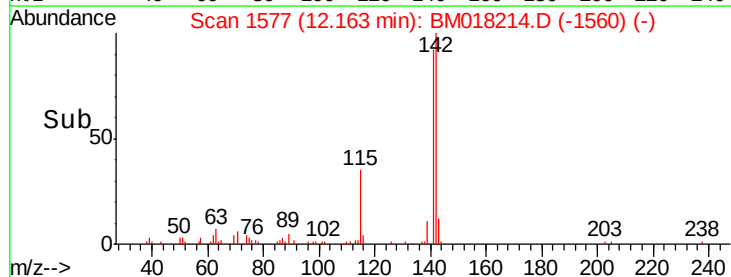
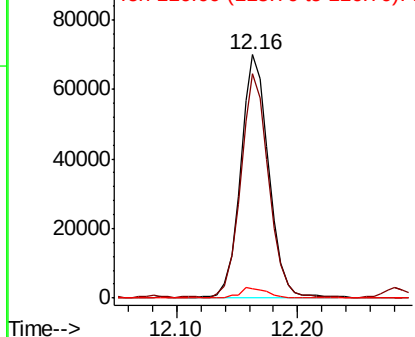


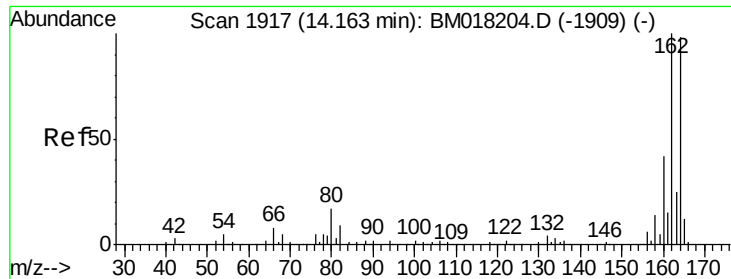
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

ClientSampleId :

P001-SW001-01MSD

Tot Ion:164 Resp: 302578

Ion Ratio Lower Upper

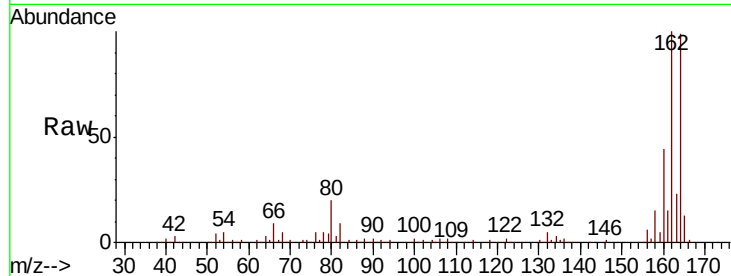
164 100

162 101.1 81.8 122.6

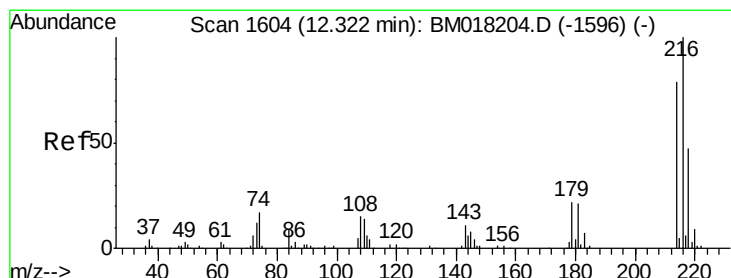
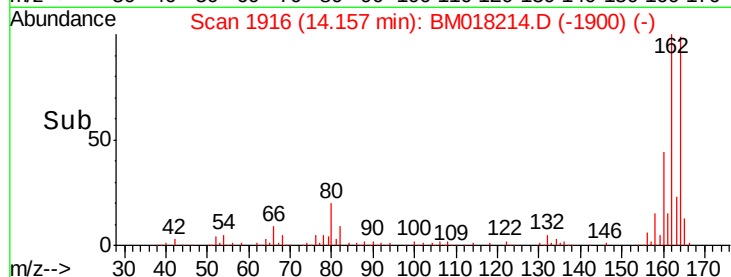
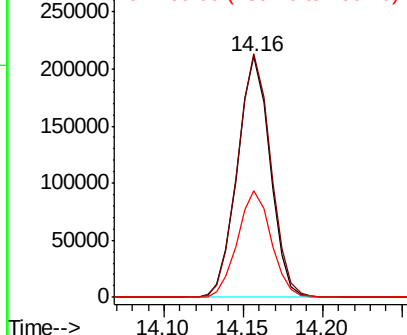
160 44.4 34.6 51.8

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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: 5.444 ng

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:216 Resp: 56647

Ion Ratio Lower Upper

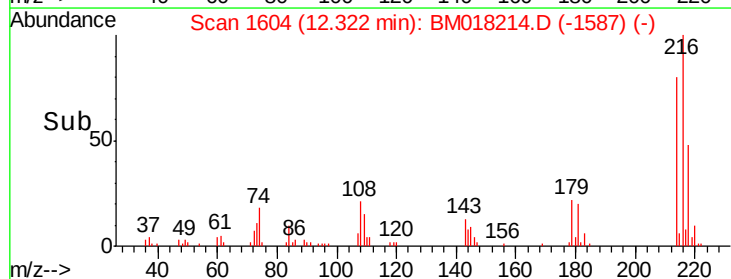
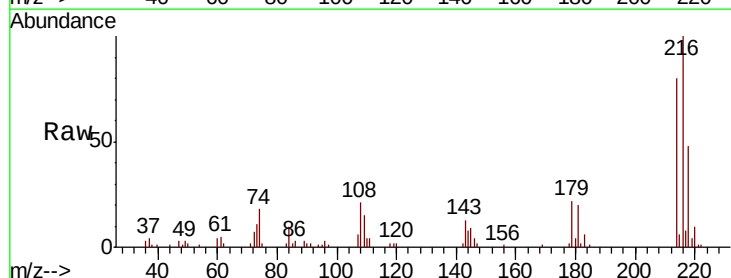
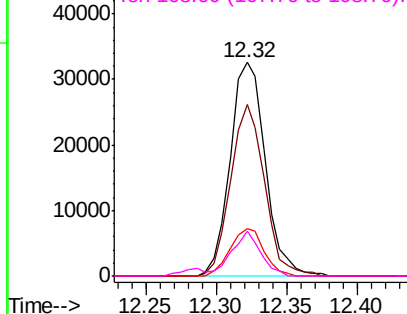
216 100

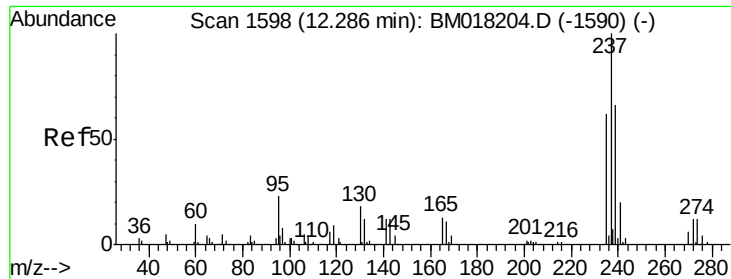
214 77.1 63.4 95.0

179 21.4 17.2 25.8

108 17.0 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





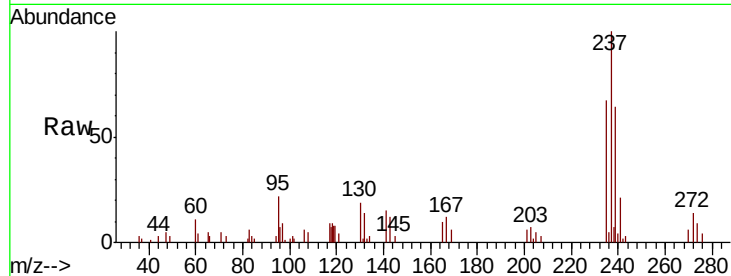
#41
Hexachlorocyclopentadiene
Concen: 14.074 ng
RT: 12.28 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	67.1	42.1	82.1	
272	14.2	0.0	32.1	

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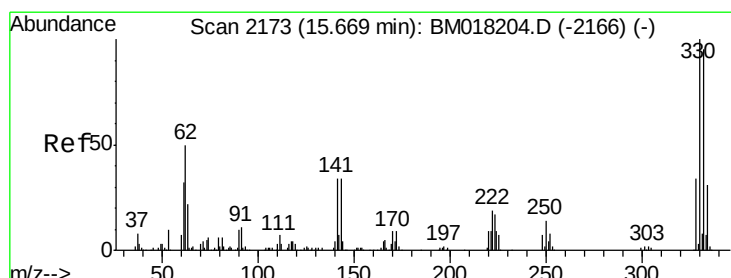
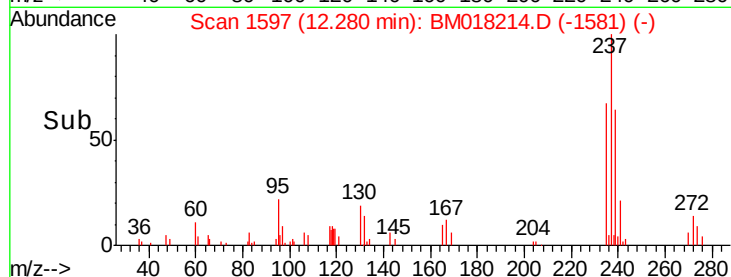
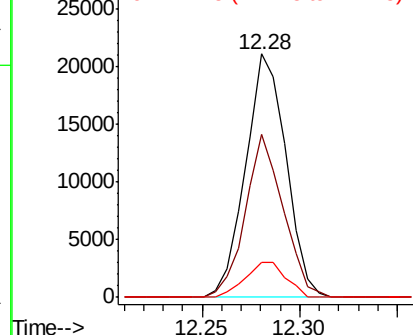


Abundance

Ion 236.80 (236.50 to 237.50): E

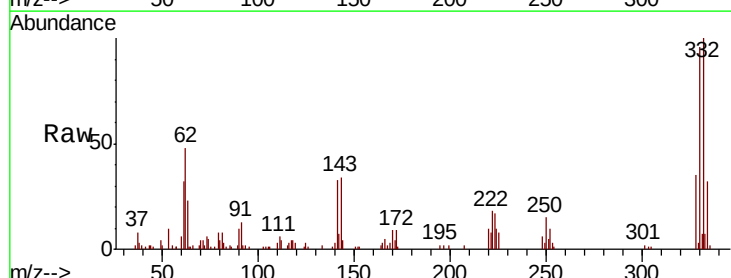
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 12.122 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	78.6	118.0	
141	35.5	27.1	40.7	

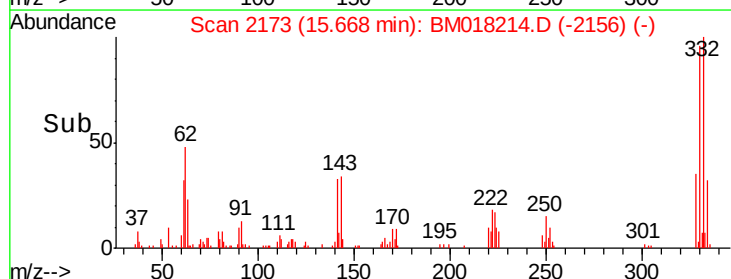
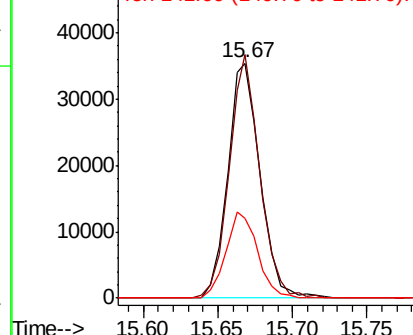


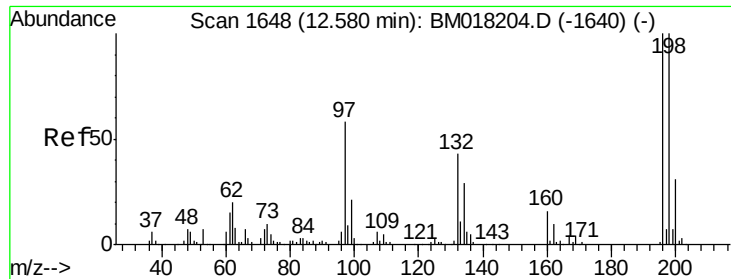
Abundance

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





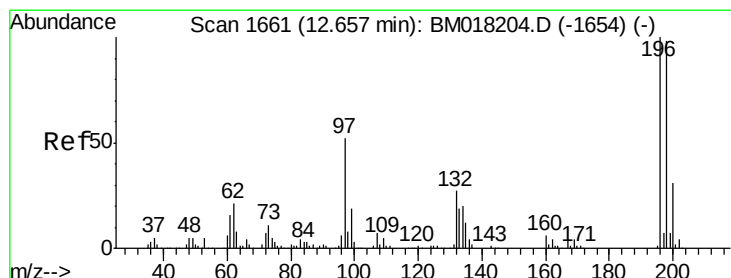
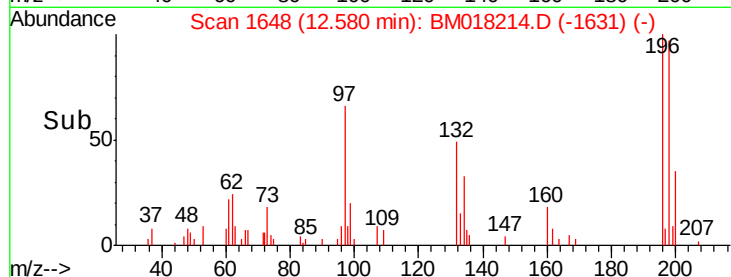
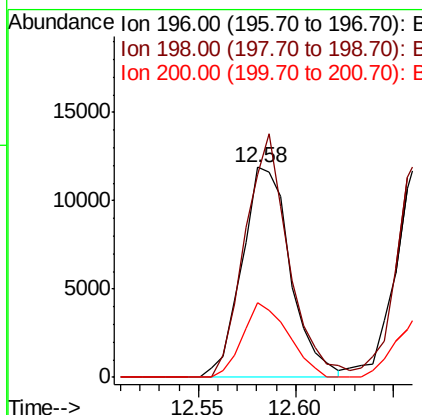
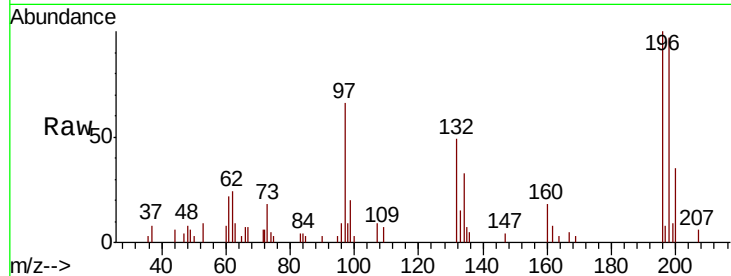
#43
 2,4,6-Trichlorophenol
 Concen: 3.054 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20437		
198	96.7	80.1	120.1	
200	35.3	24.9	37.3	

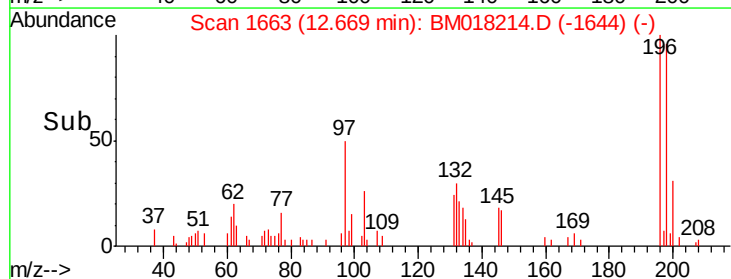
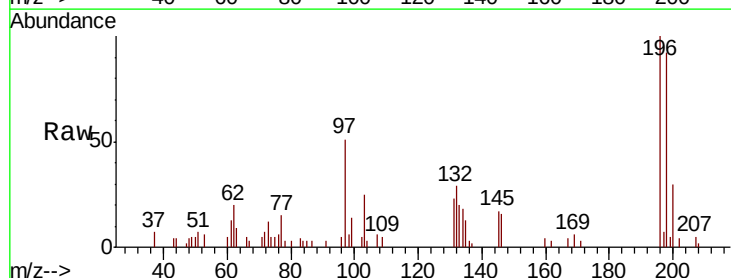
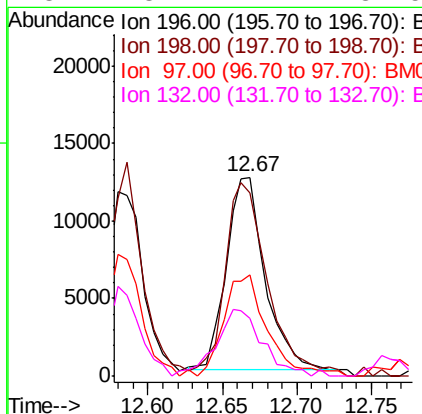
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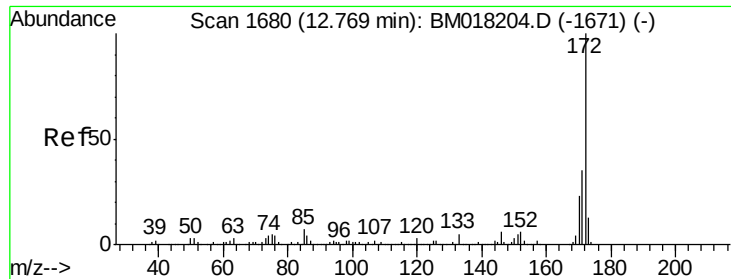
Sohil
 12/17/2018 4:19:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 3.193 ng
 RT: 12.67 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	22682		
198	92.3	78.5	117.7	
97	50.8	41.9	62.9	
132	28.7	21.7	32.5	





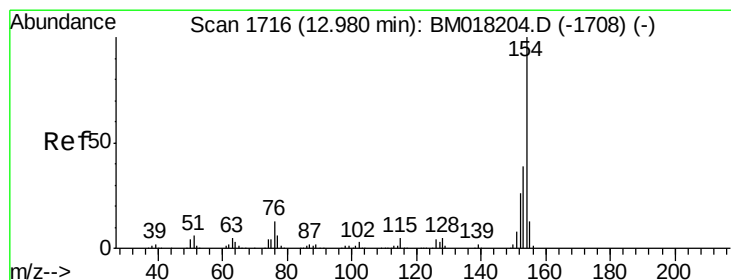
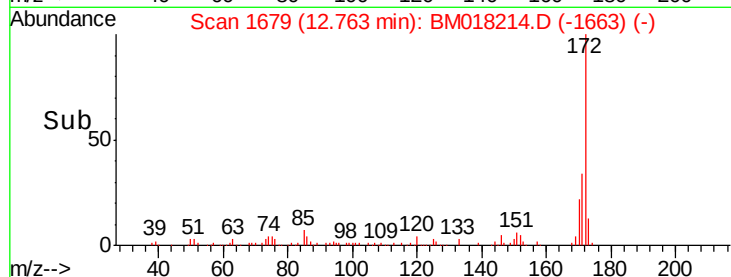
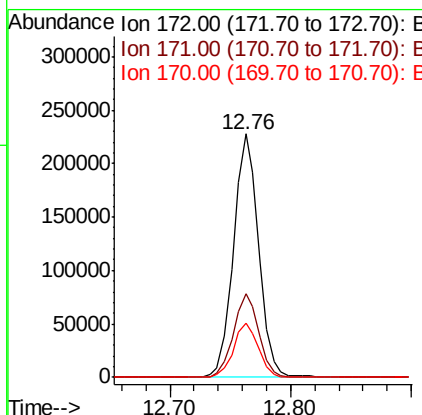
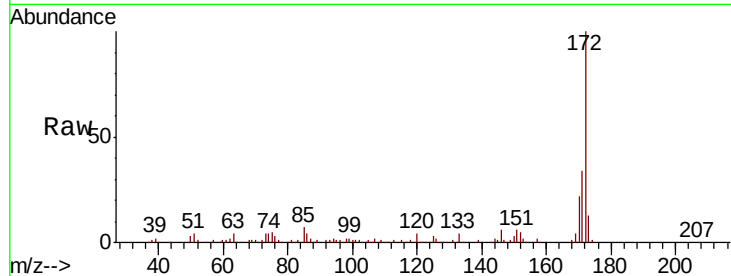
#45
2-Fluorobiphenyl
Concen: 14.080 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	328915		
171	34.3		28.3	42.5
170	22.2		18.1	27.1

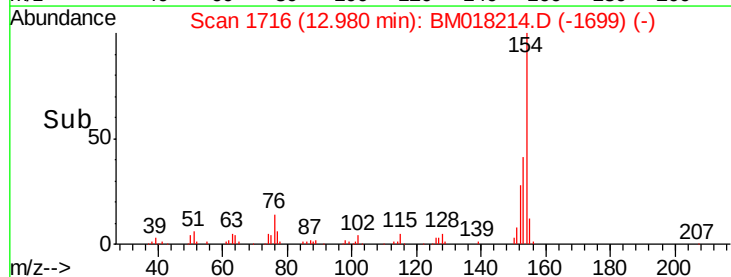
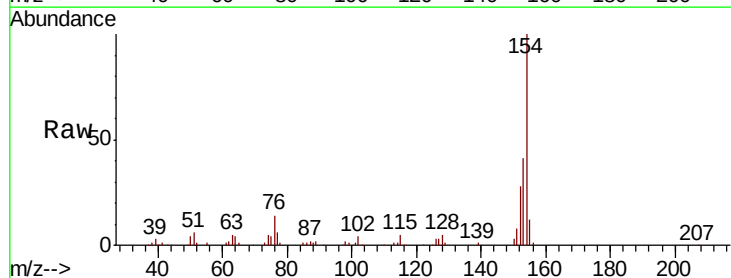
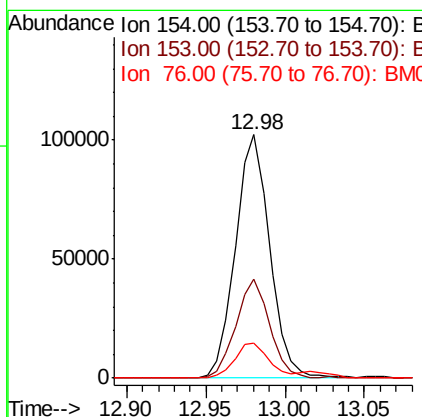
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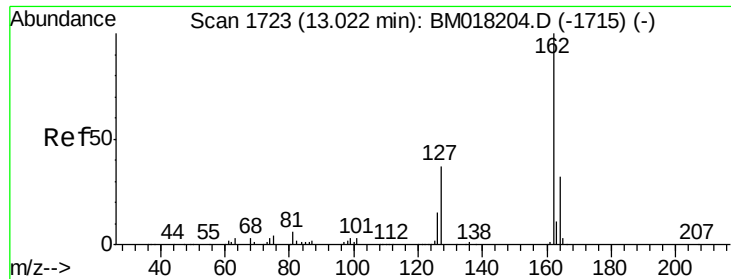
Sohil
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#46
1,1'-Biphenyl
Concen: 5.620 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	152975		
153	40.8		19.5	59.5
76	14.3		0.0	33.1





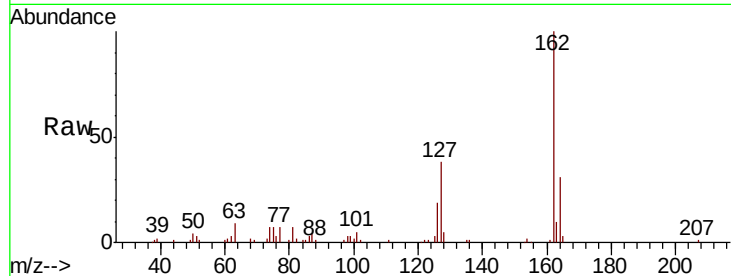
#47
 2-Chloronaphthalene
 Concen: 5.787 ng
 RT: 13.02 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.8	47.8
164	31.3	25.9	38.9

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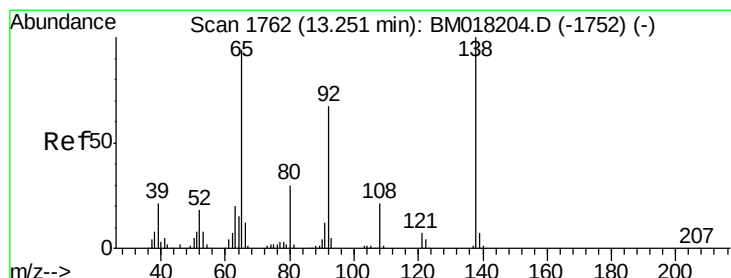
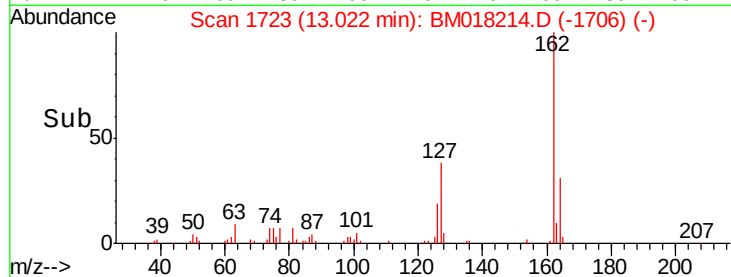
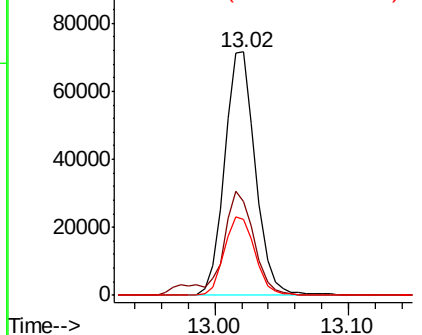


Abundance

Ion 162.00 (161.70 to 162.70): E

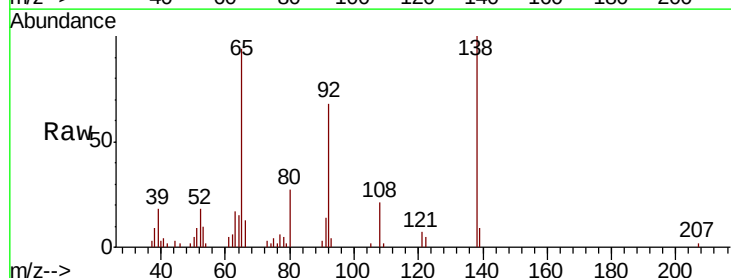
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 5.904 ng
 RT: 13.25 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.8	85.2
138	106.5	85.1	127.7

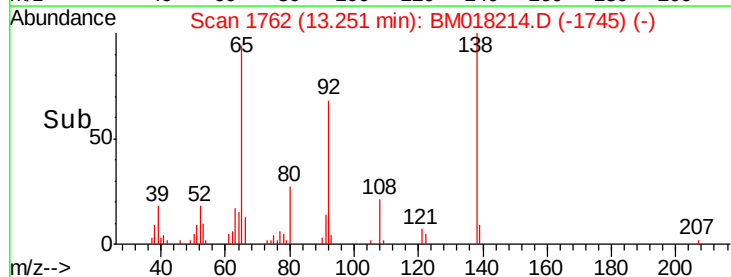
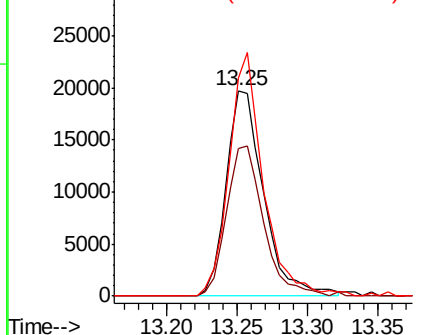


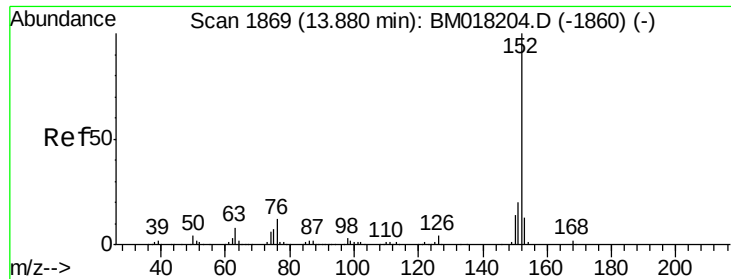
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 6.516 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

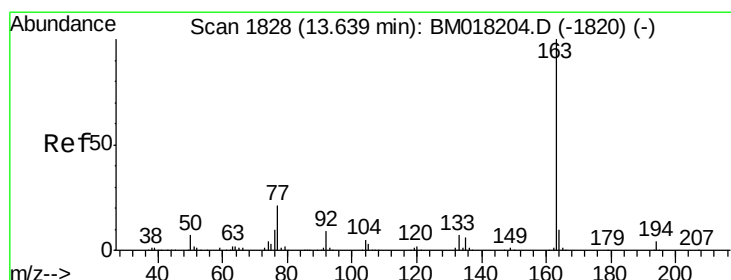
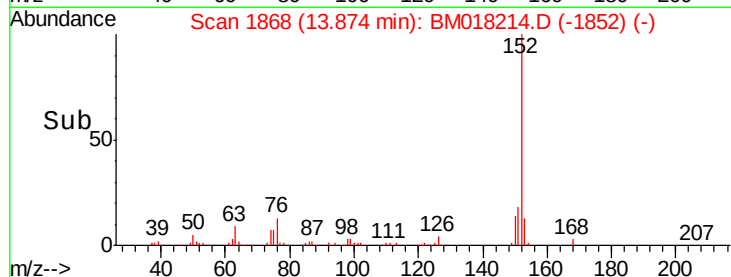
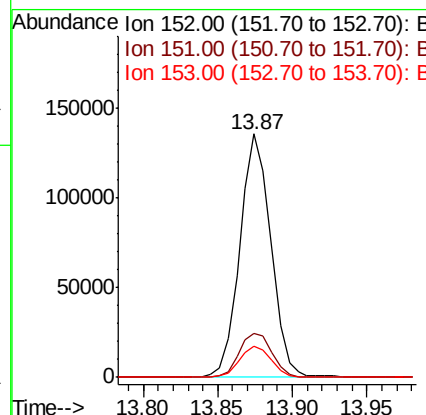
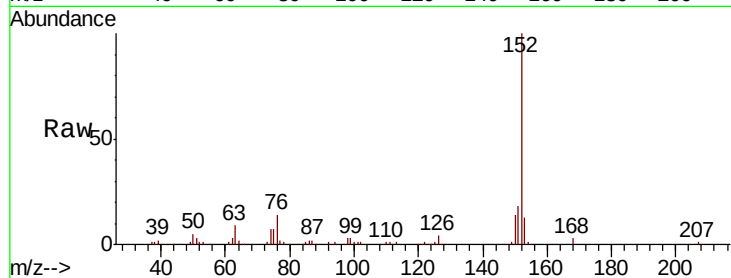
ClientSampleId :

P001-SW001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		196722		
151	18.2	16.0	24.0		
153	12.9	10.2	15.2		

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#50

Dimethylphthalate

Concen: 8.135 ng

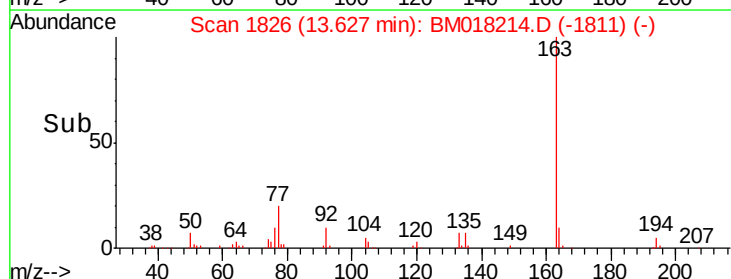
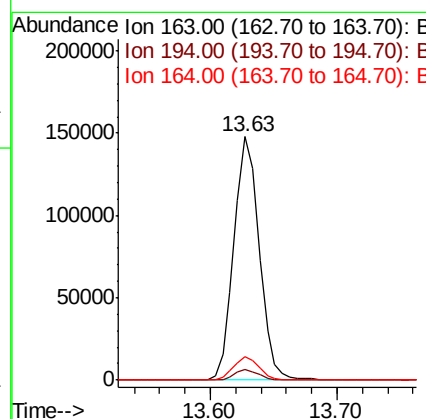
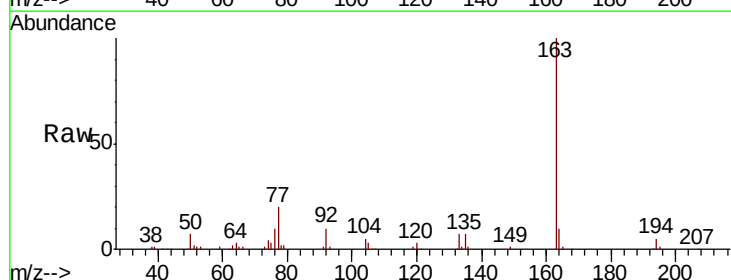
RT: 13.63 min Scan# 1826

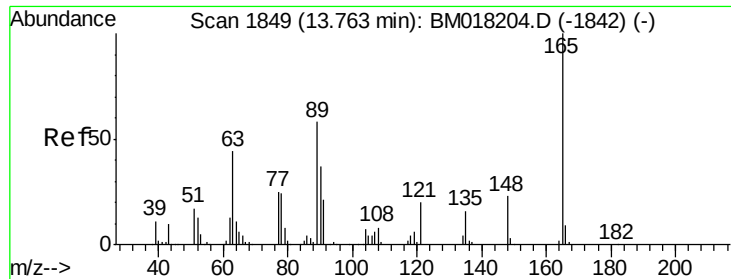
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		204628		
194	4.6	3.1	4.7		
164	9.8	7.9	11.9		





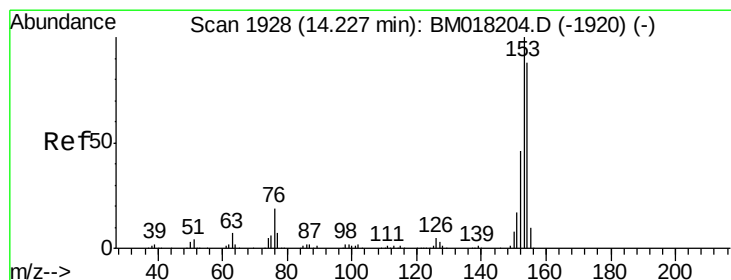
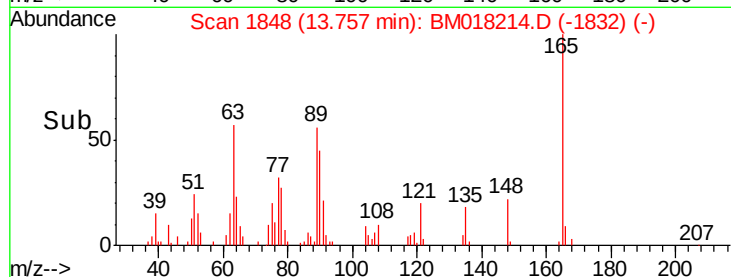
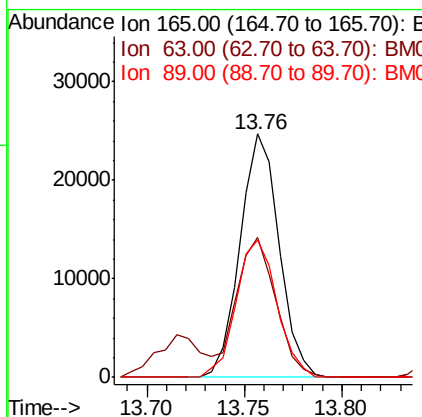
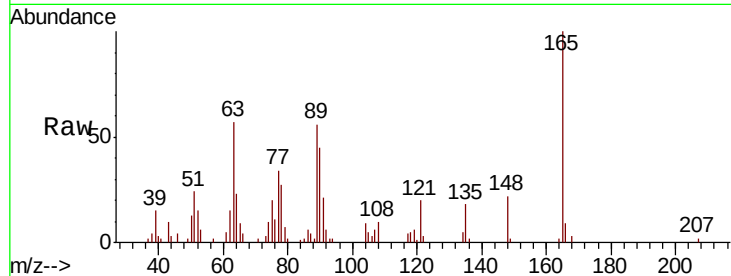
#51
2,6-Dinitrotoluene
Concen: 6.179 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	34171		
63	57.5	46.6	69.8	
89	56.4	46.3	69.5	

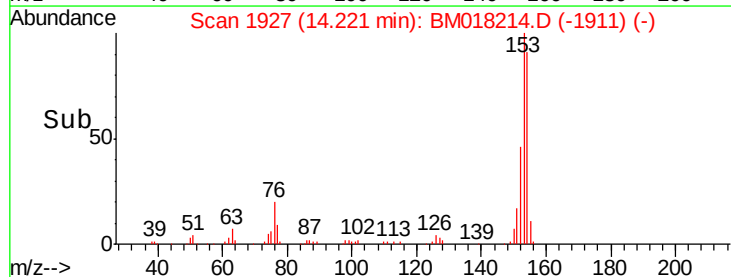
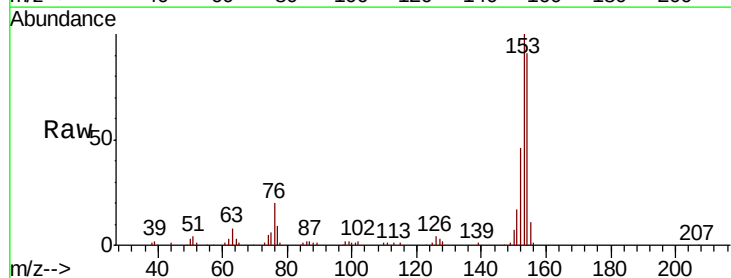
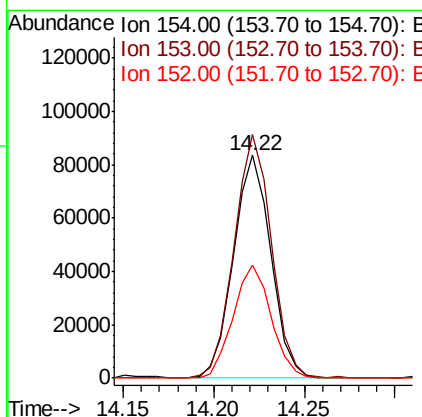
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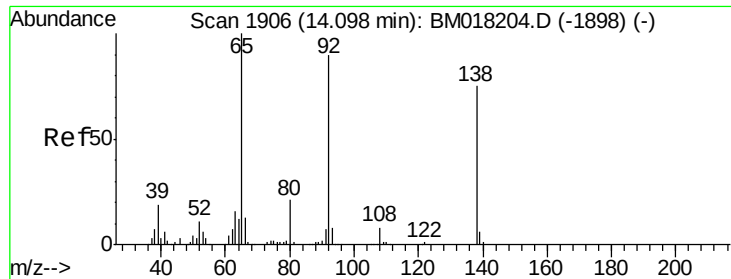
Sohil
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#52
Acenaphthene
Concen: 6.473 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	119440		
153	109.4	90.4	135.6	
152	50.7	41.2	61.8	





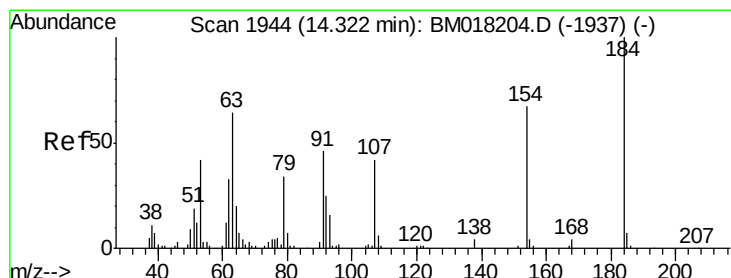
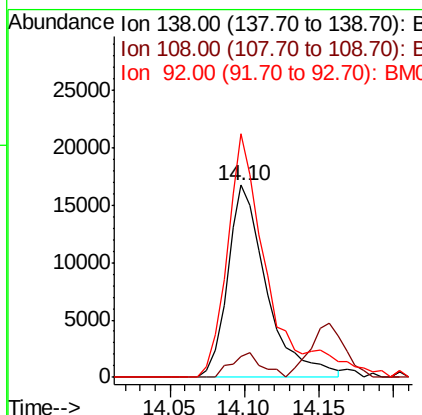
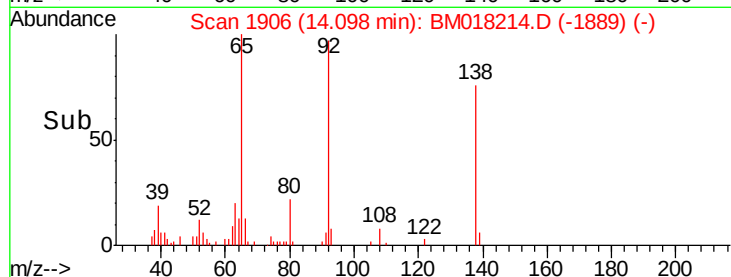
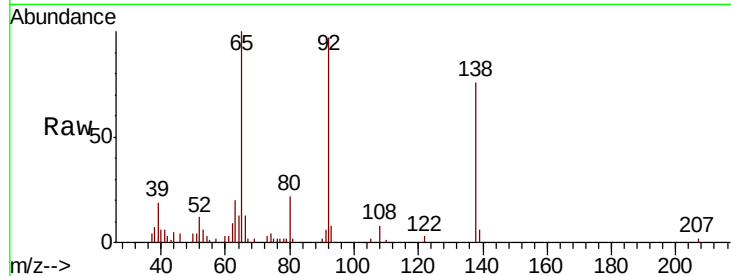
#53
 3-Nitroaniline
 Concen: 5.240 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.4	12.6
92	127.0	94.9	142.3

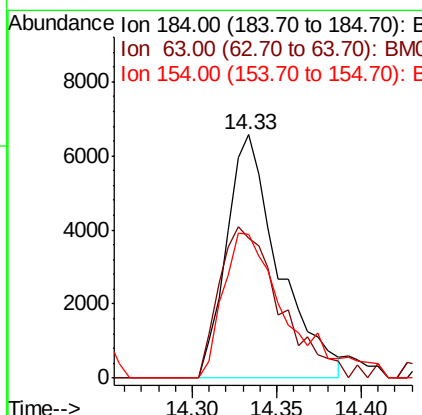
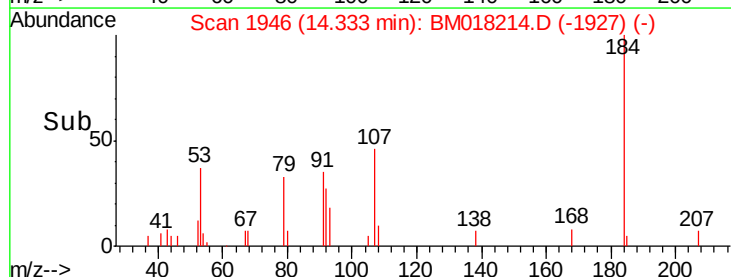
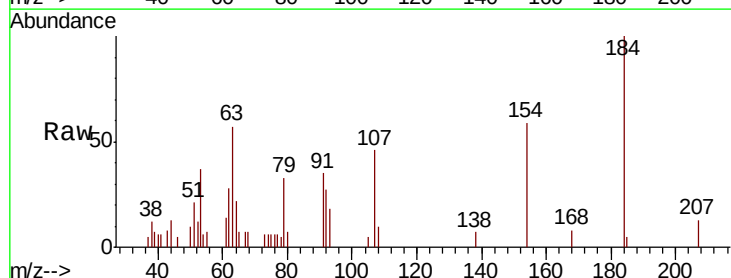
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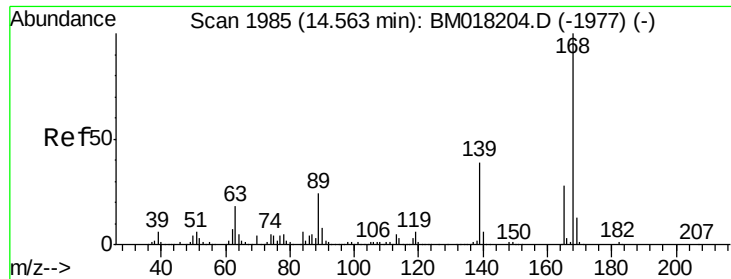
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 4.646 ng
 RT: 14.33 min Scan# 1946
 Delta R.T. 0.01 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	51.6	77.4
154	59.0	54.0	81.0





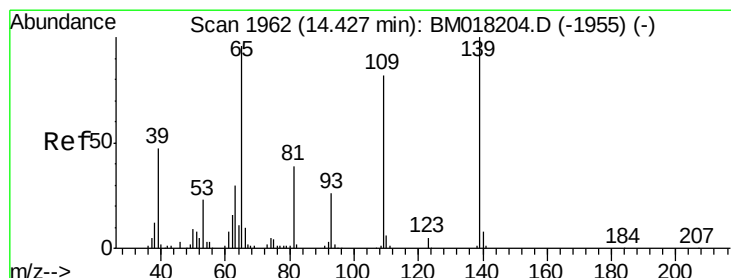
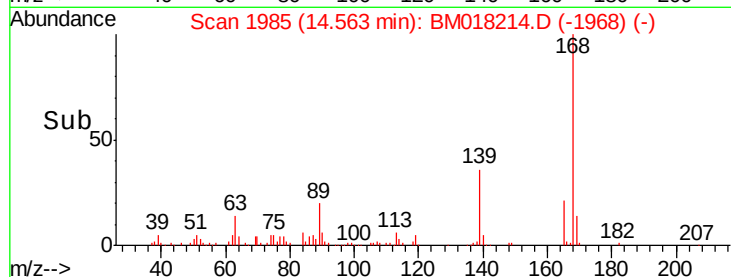
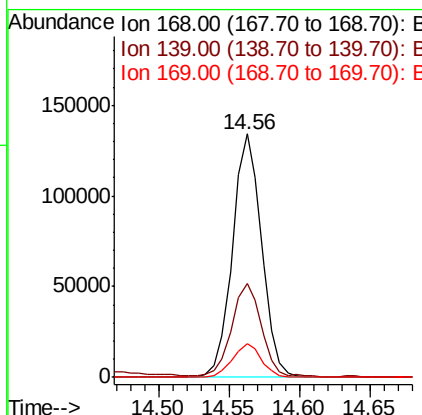
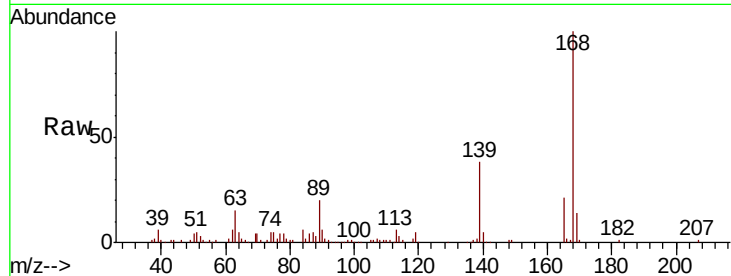
#55
Dibenzenofuran
Concen: 6.497 ng
RT: 14.56 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.2	46.8
169	13.7	10.4	15.6

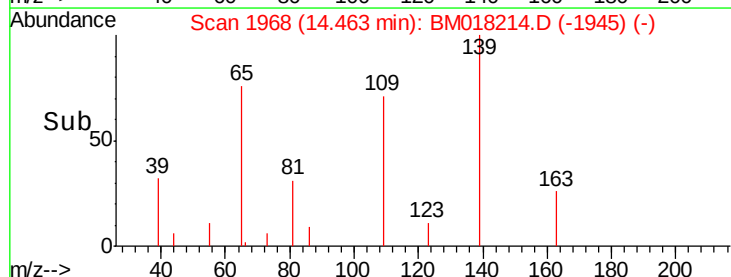
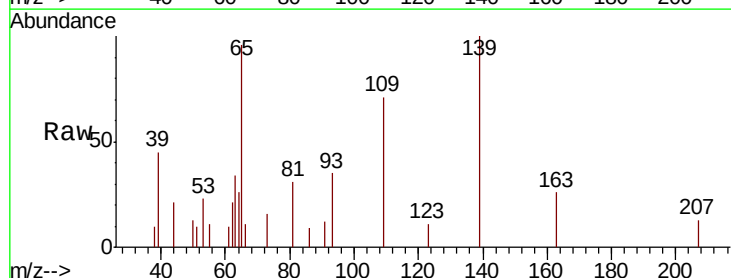
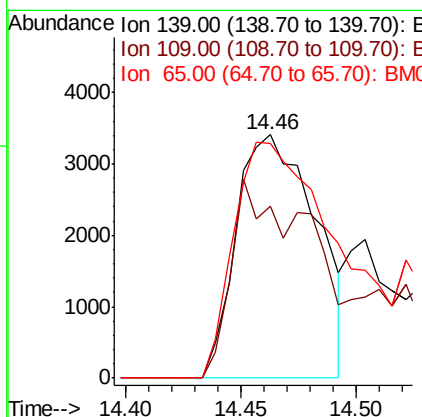
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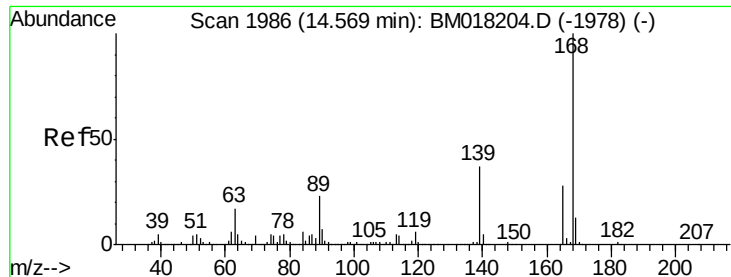
Sohil
12/17/2018 4:19:49 PM



#56
4-Nitrophenol
Concen: 1.860 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.04 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	62.3	102.3
65	96.2	76.4	116.4





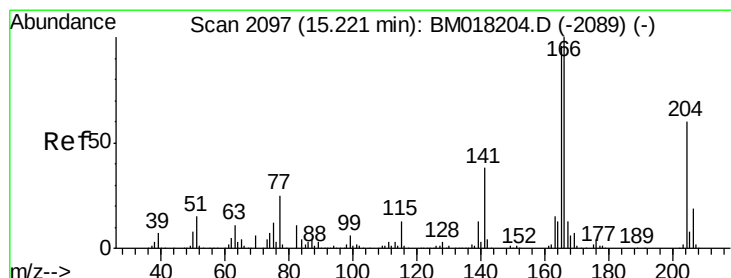
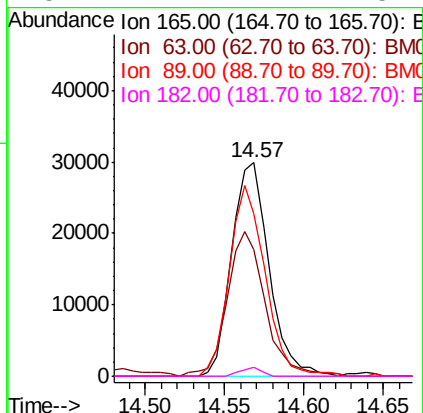
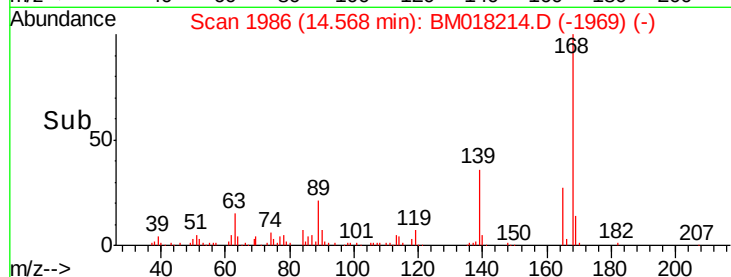
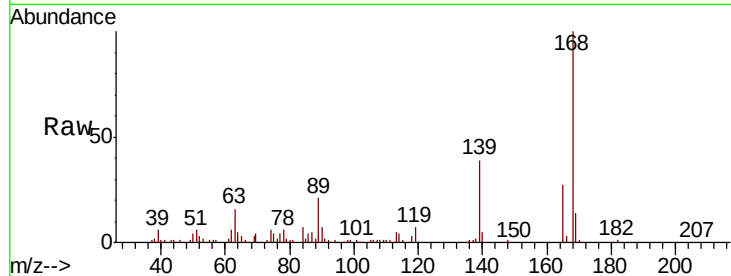
#57
2,4-Dinitrotoluene
Concen: 6.392 ng
RT: 14.57 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	48857		
63	59.1	47.2	70.8	
89	76.2	65.8	98.8	
182	4.1	2.2	3.4	

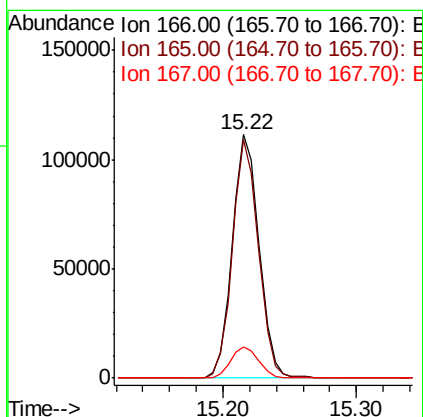
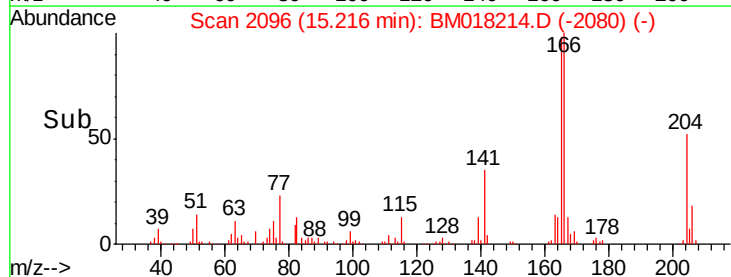
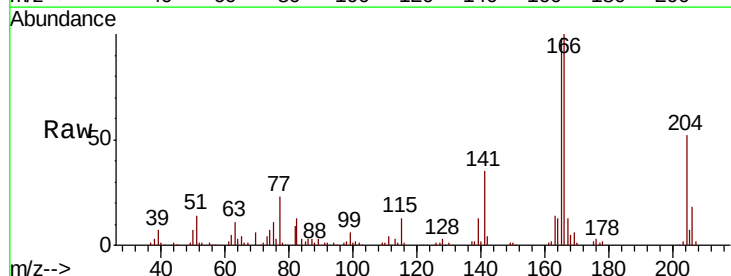
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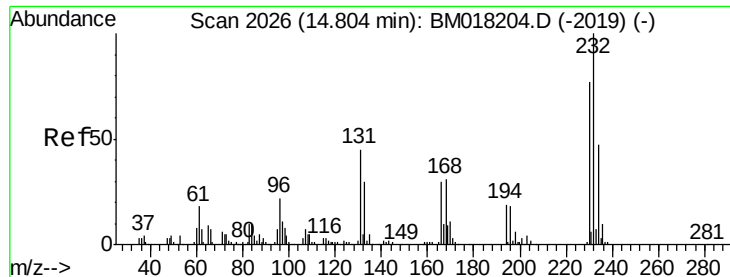
Sohil
12/17/2018 4:19:49 PM



#58
Fluorene
Concen: 6.816 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	156085		
165	98.0	76.9	115.3	
167	12.8	10.5	15.7	





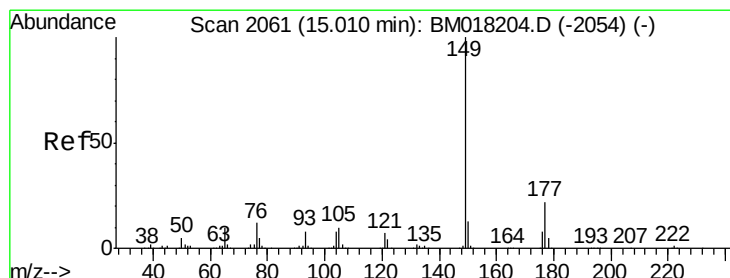
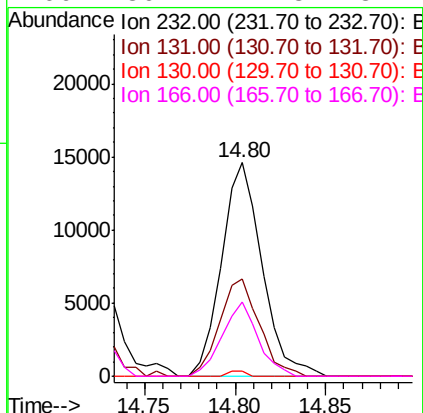
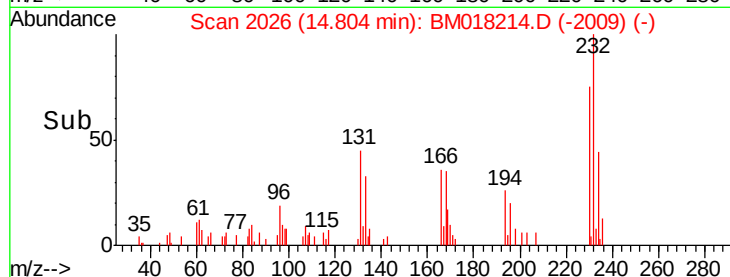
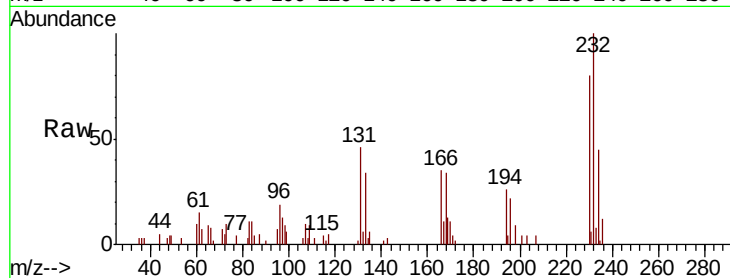
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.547 ng
RT: 14.80 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	36.2	54.2
130	1.1	1.8	2.6
166	30.7	24.8	37.2

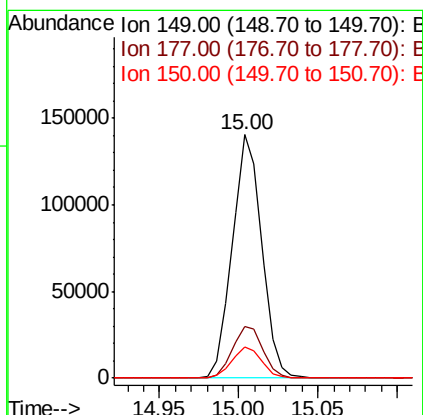
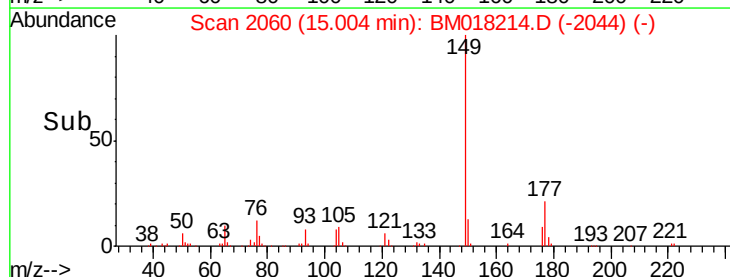
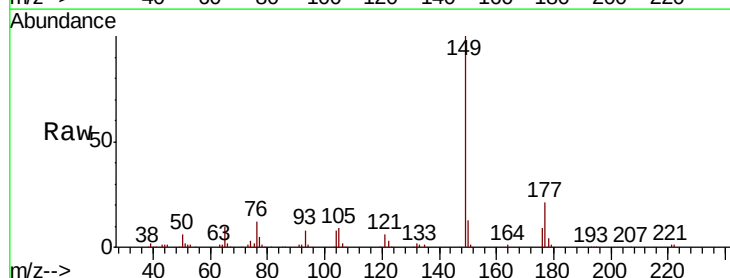
Manual Integrations
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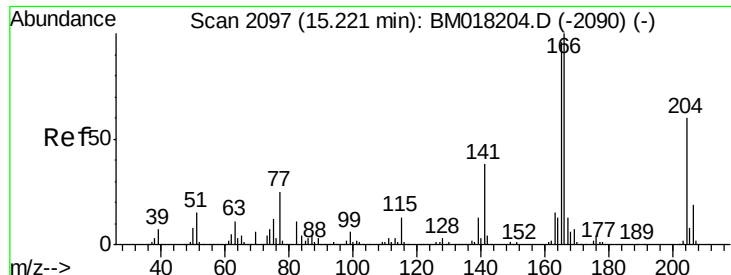
Sohil
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#60
Diethylphthalate
Concen: 6.653 ng
RT: 15.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.8	26.8
150	12.9	10.3	15.5





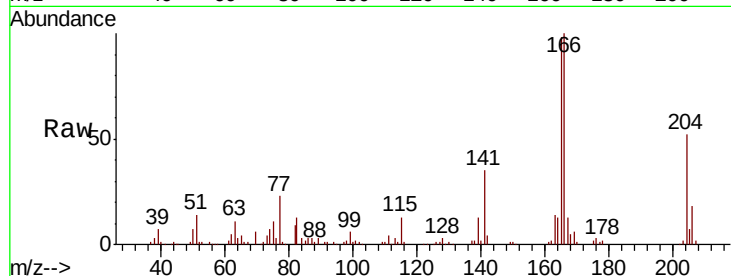
#61
4-Chlorophenyl-phenylether
Concen: 6.213 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	66.7	50.2	75.4

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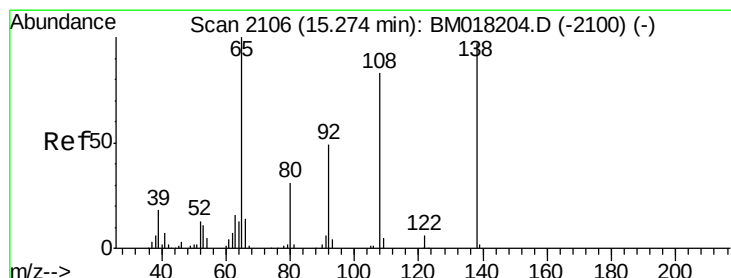
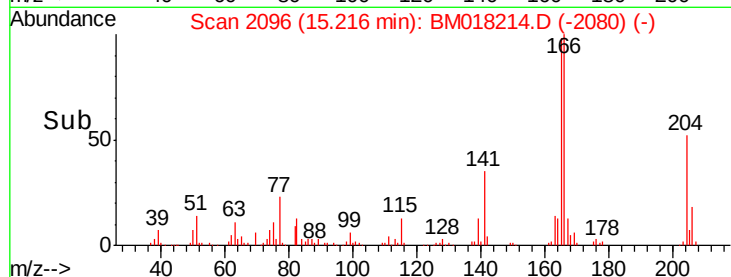
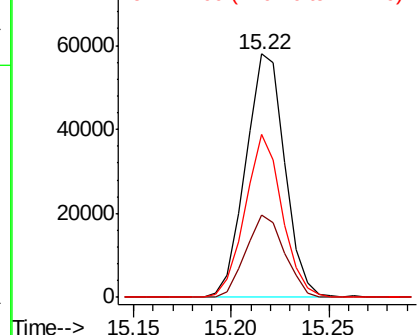


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 6.129 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

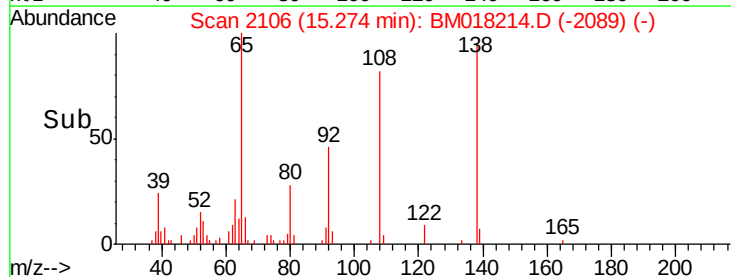
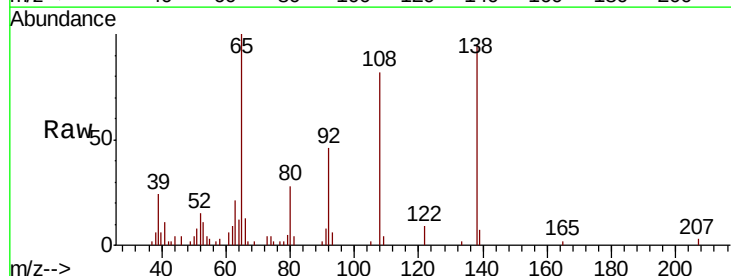
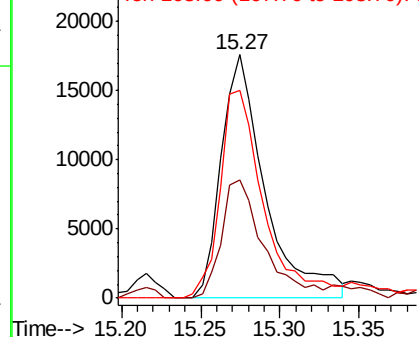
Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.1	71.1
108	85.5	65.0	105.0

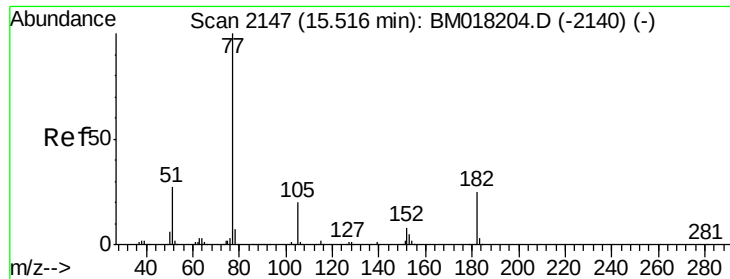
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





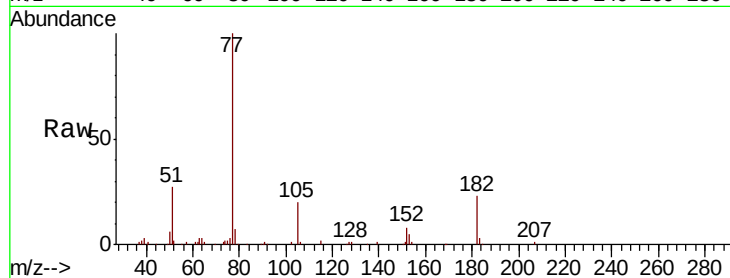
#63
Azobenzene
Concen: 6.699 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

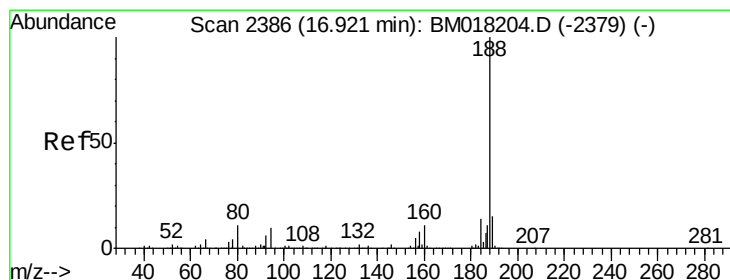
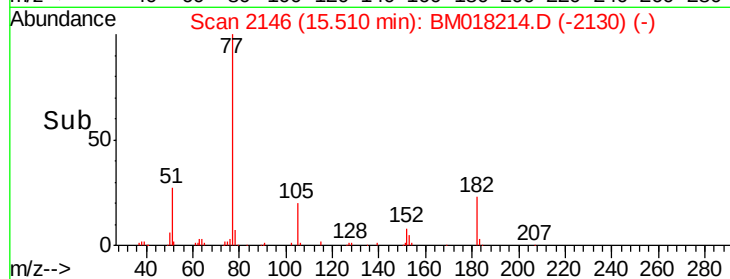
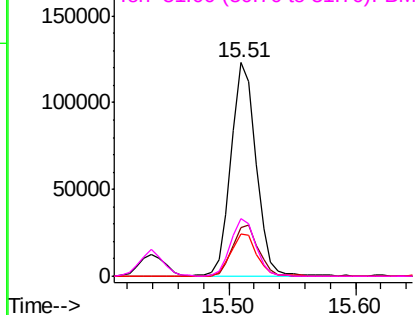
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.9	4.6	44.6		
105	19.9	0.2	40.2		
51	27.3	7.0	47.0		

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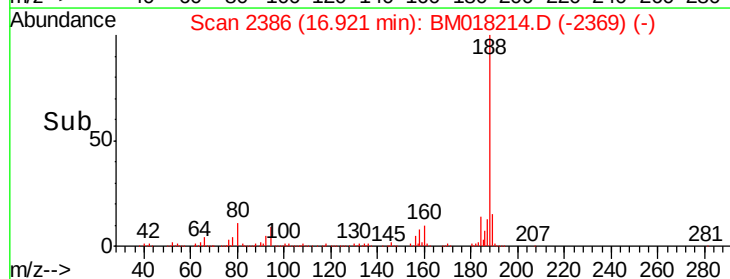
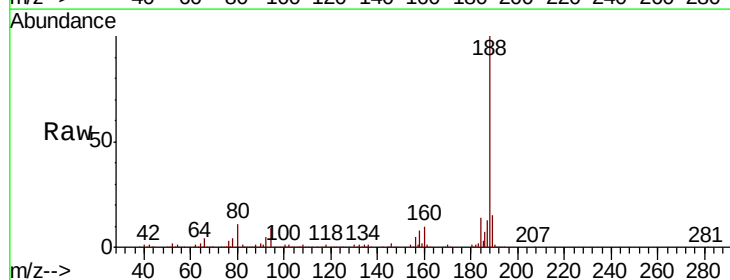
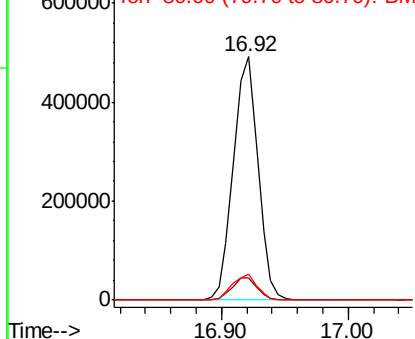
Abundance Ion 77.00 (76.70 to 77.70): BM018214.D (-2130) (-)
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM018214.D (-2130) (-)

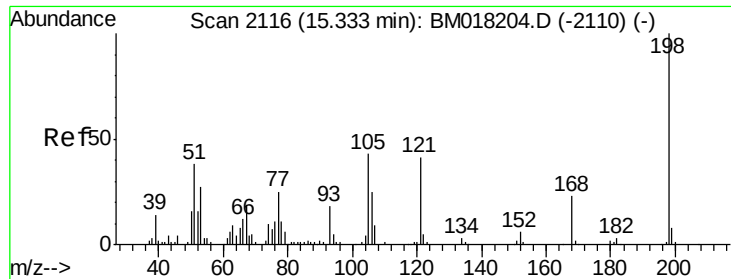


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	8.0	12.0		
80	10.6	9.0	13.6		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM018214.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM018214.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 2.236 ng

RT: 15.34 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

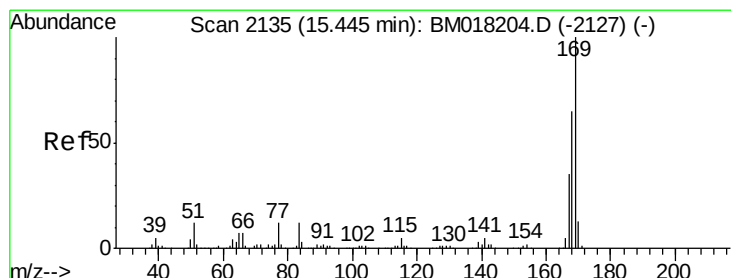
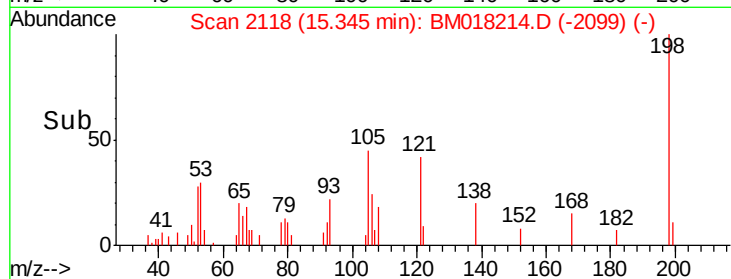
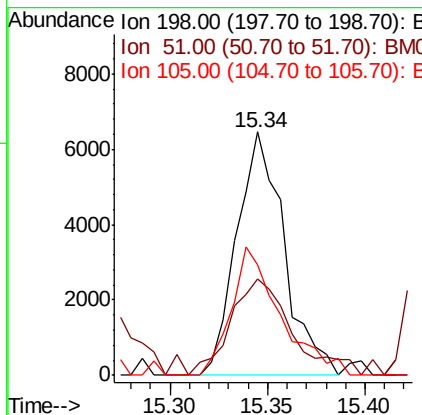
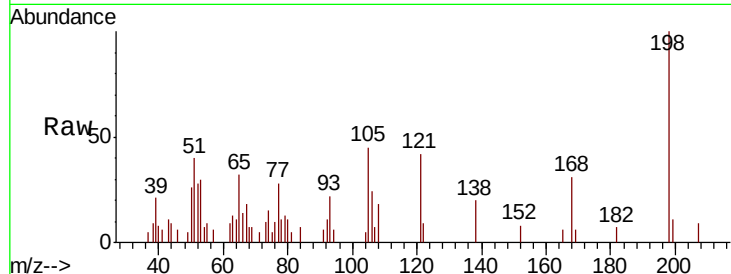
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	198	Resp:	10879
Ion Ratio	Lower	Upper	
198	100		
51	39.9	18.6	58.6
105	45.2	22.9	62.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 6.645 ng

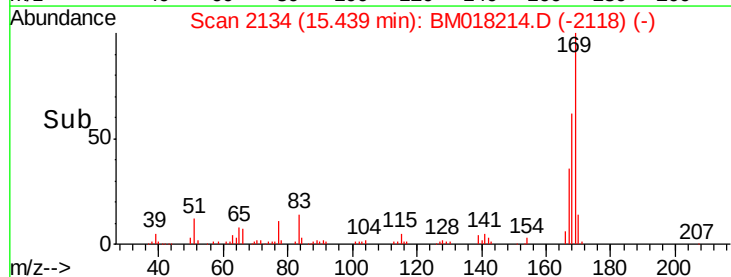
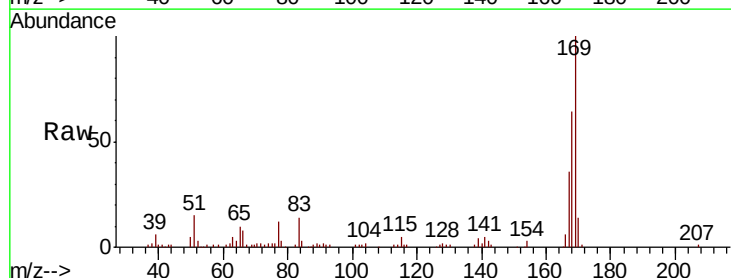
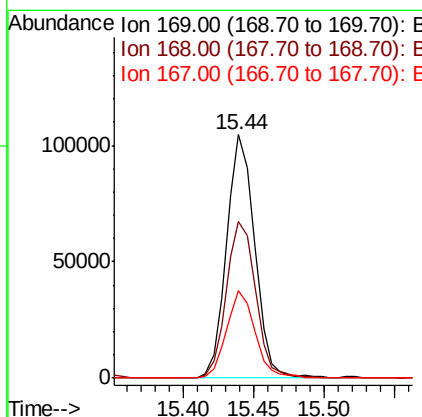
RT: 15.44 min Scan# 2134

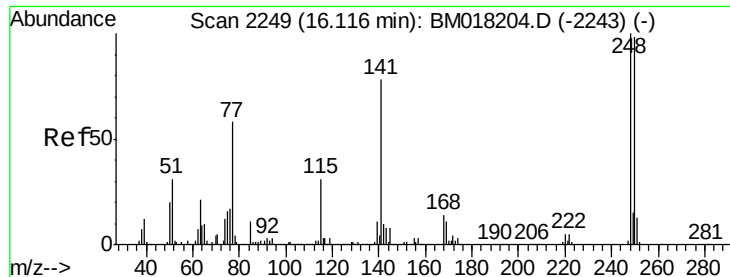
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	169	Resp:	145245
Ion Ratio	Lower	Upper	
169	100		
168	64.1	52.2	78.4
167	35.7	27.6	41.4





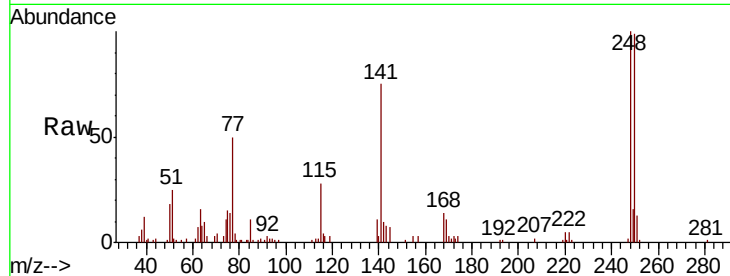
#67
4-Bromophenyl-phenylether
Concen: 6.470 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	75.0	62.2	93.4

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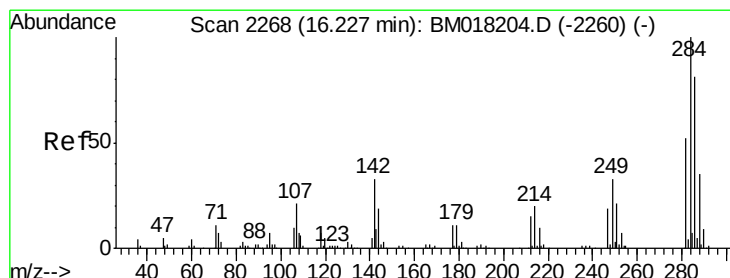
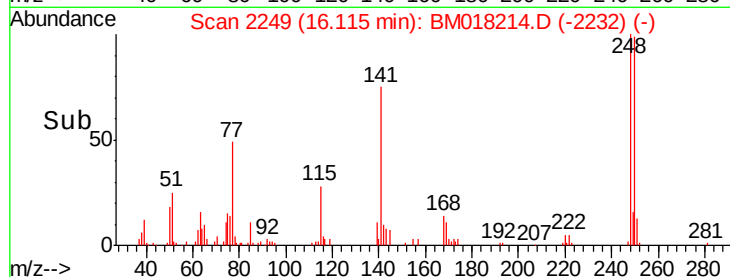
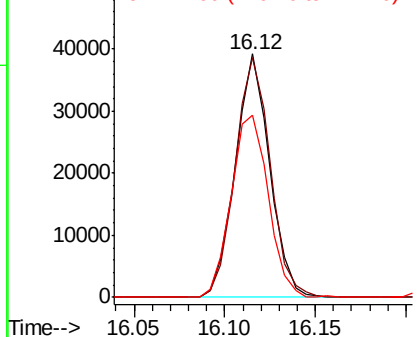


Abundance

Ion 248.00 (247.70 to 248.70): E

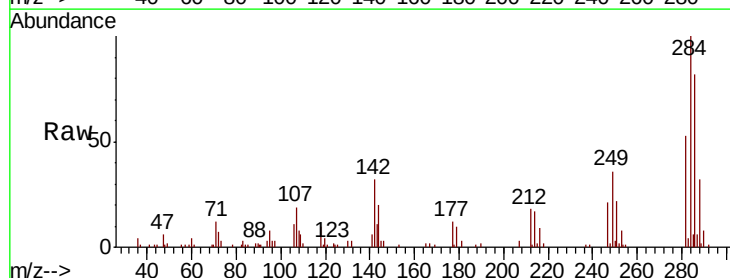
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 6.660 ng
RT: 16.22 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.2	39.4
249	35.6	26.2	39.2

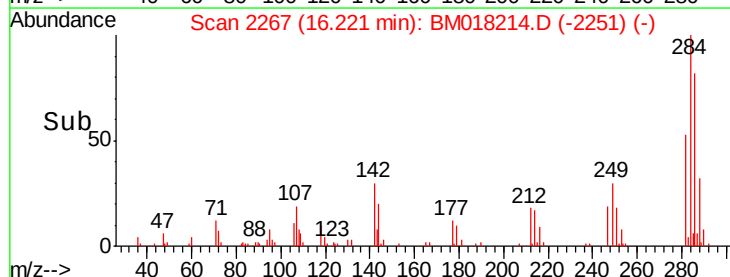
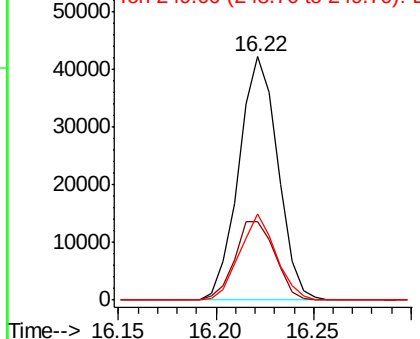


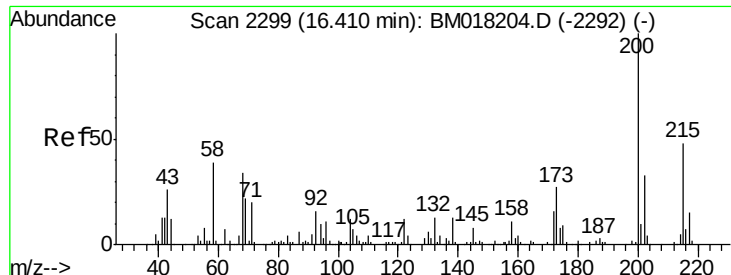
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





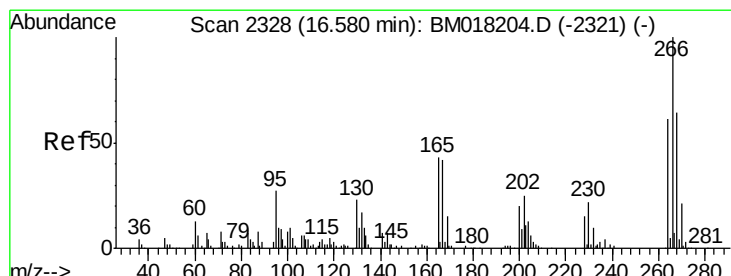
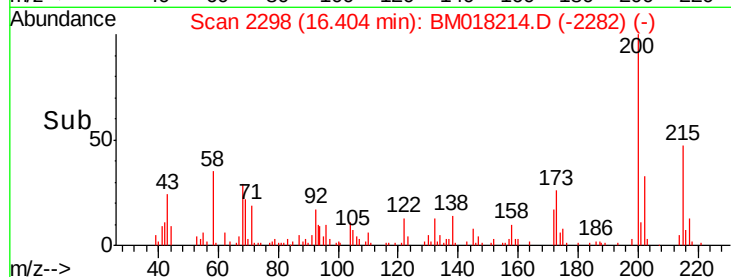
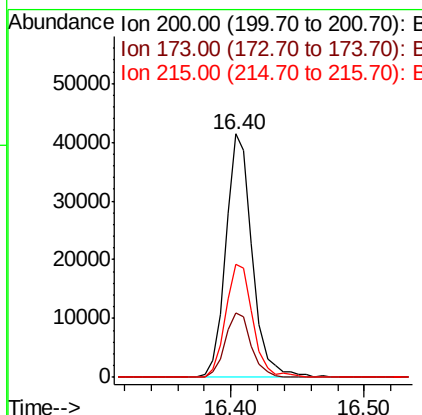
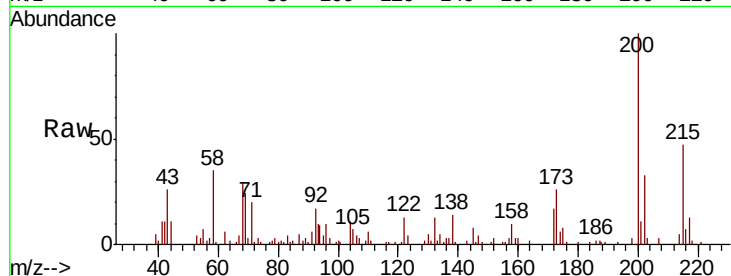
#69
Atrazine
Concen: 7.754 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	46.6	27.9	67.9

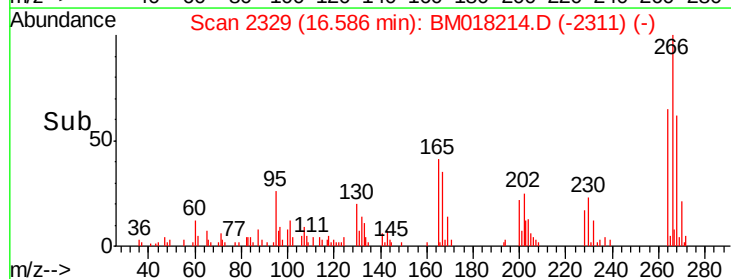
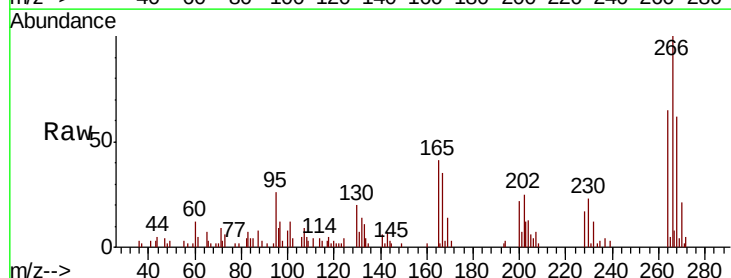
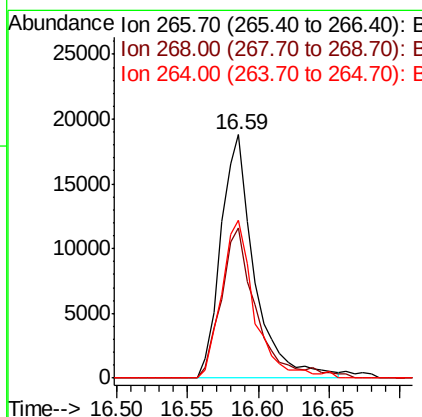
Manual Integrations
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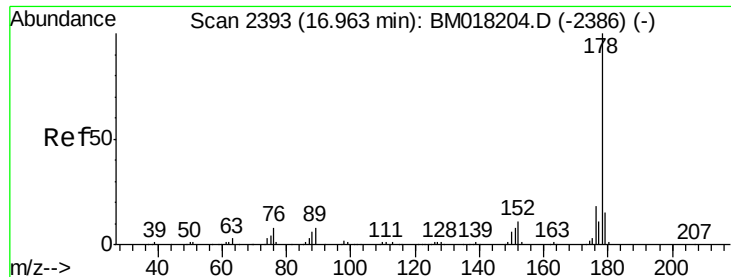
Sohil
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#70
Pentachlorophenol
Concen: 5.360 ng
RT: 16.59 min Scan# 2329
Delta R.T. 0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	64.6	49.0	73.4





#71

Phenanthrene

Concen: 7.246 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

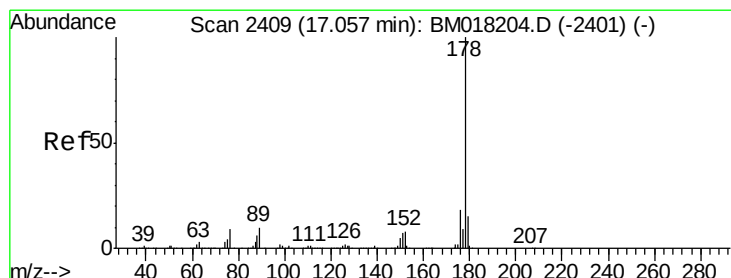
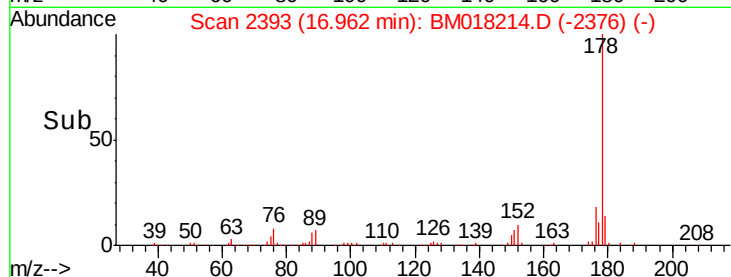
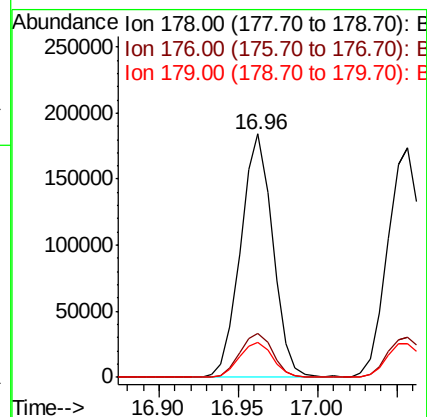
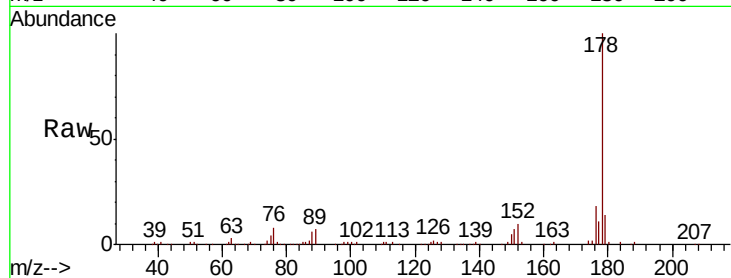
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	178	Resp:	260172
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.7	22.1
179	14.4	12.0	18.0

Manual Integrations
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#72

Anthracene

Concen: 7.397 ng

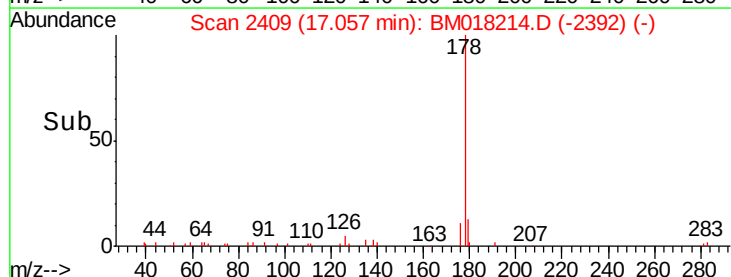
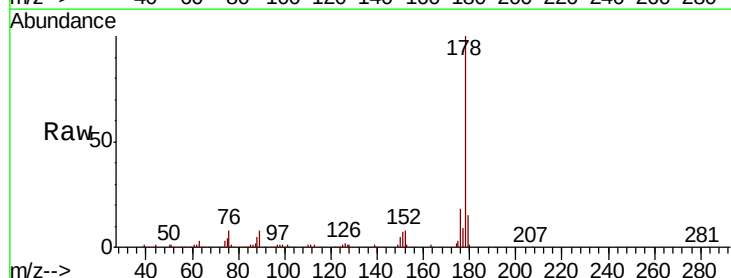
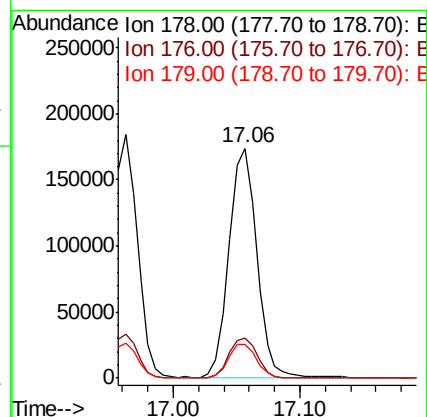
RT: 17.06 min Scan# 2409

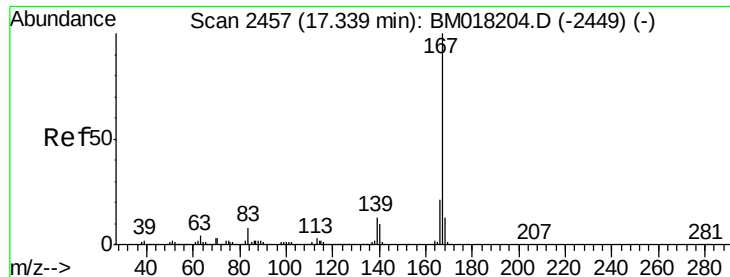
Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	178	Resp:	263485
Ion Ratio	Lower	Upper	
178	100		
176	17.7	14.3	21.5
179	14.9	12.0	18.0





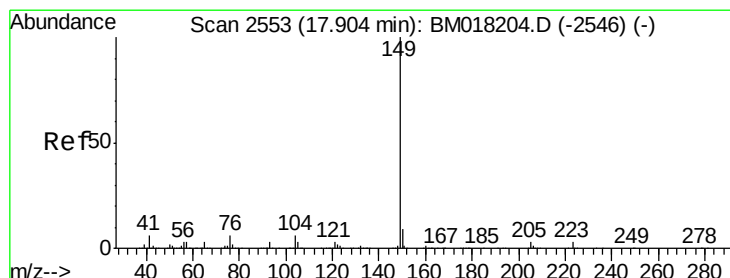
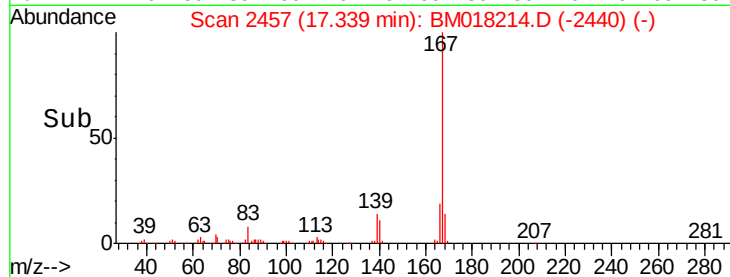
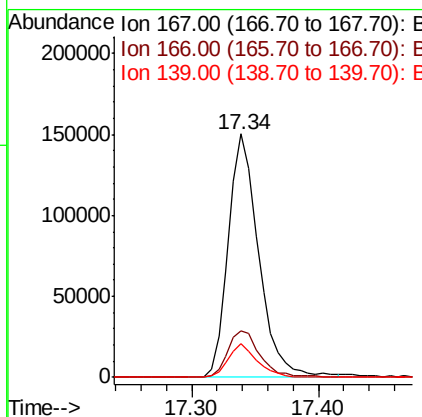
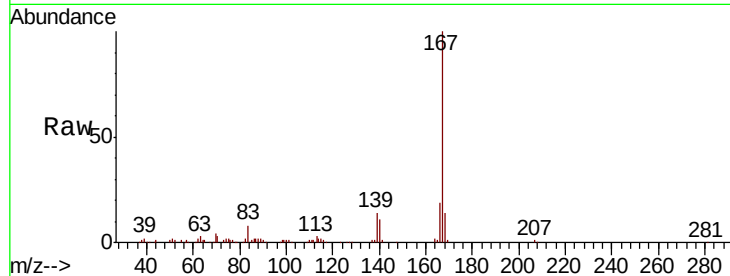
#73
 Carbazole
 Concen: 6.840 ng
 RT: 17.34 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW001-01MSD

Tot Ion:	167	Resp:	250073
Ion Ratio	Lower	Upper	
167	100		
166	18.9	16.8	25.2
139	13.8	10.3	15.5

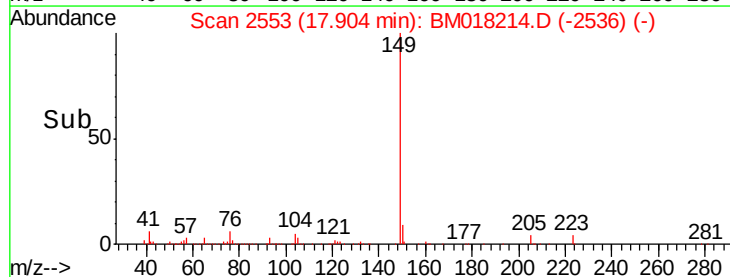
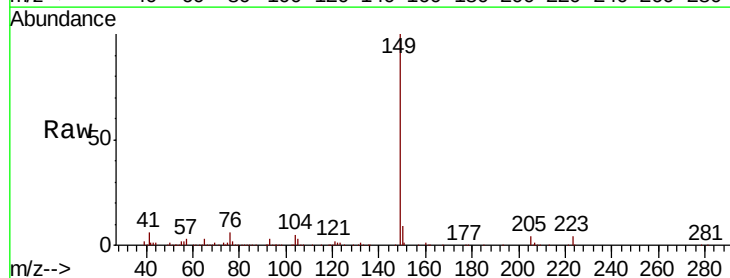
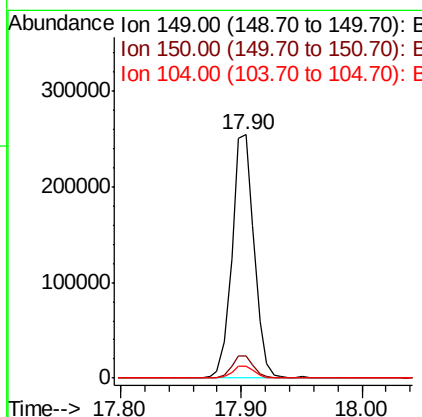
Manual Integrations
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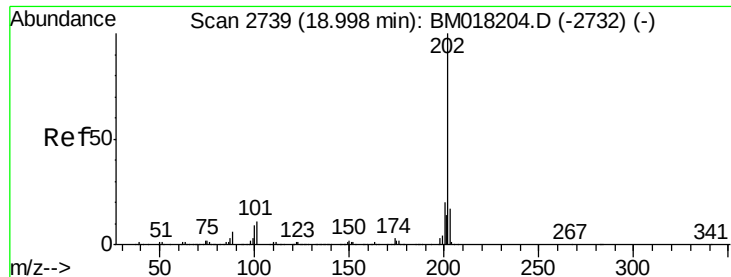
Sohil
 12/17/2018 4:19:49 PM



#74
 Di-n-butylphthalate
 Concen: 7.204 ng
 RT: 17.90 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM018214.D
 Acq: 15 Dec 2018 21:21

Tgt Ion:	149	Resp:	324987
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	5.0	4.8	7.2





#75

Fluoranthene

Concen: 7.808 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

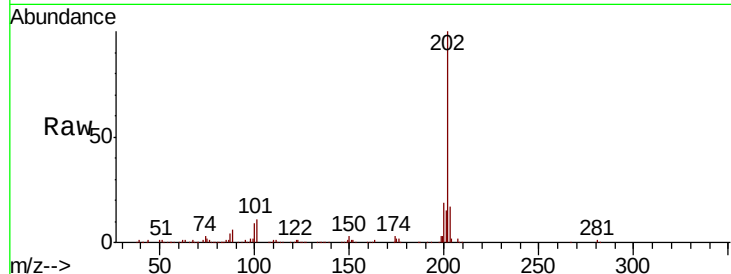
ClientSampleId :

P001-SW001-01MSD

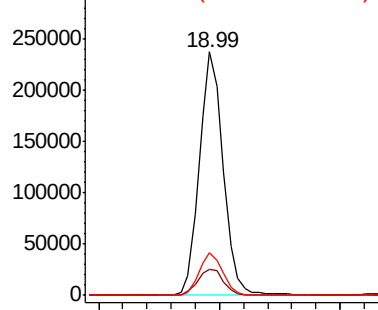
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	30.5
203	17.4	0.0	37.5

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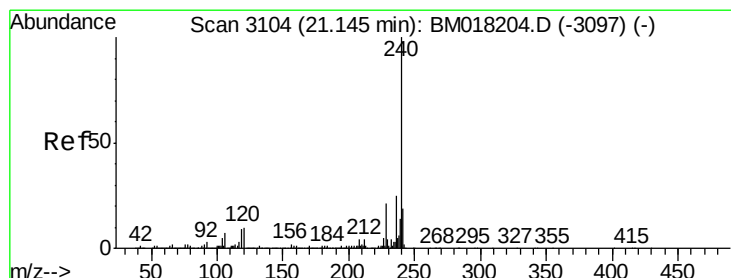
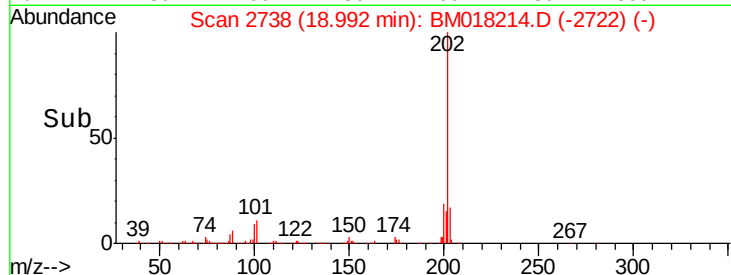
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

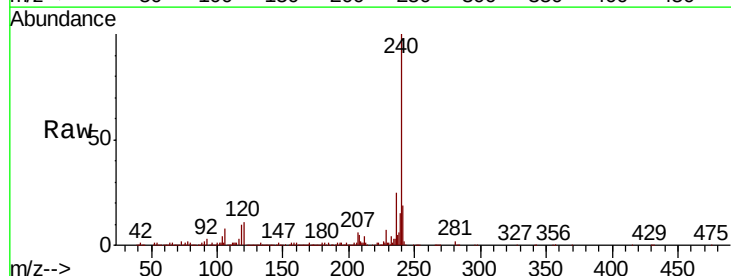
RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

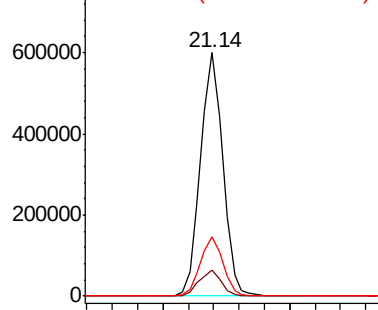
Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

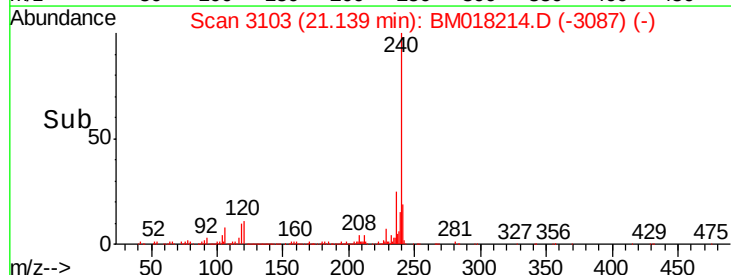
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.2	12.2
236	24.6	20.3	30.5

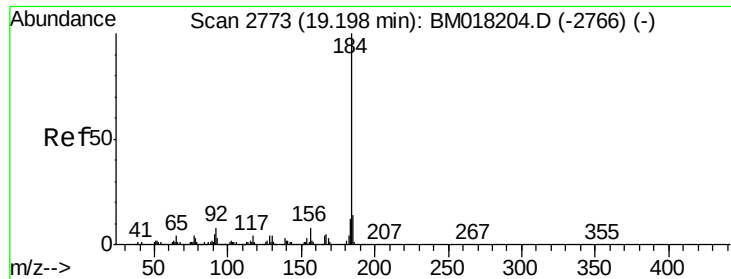


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 2.857 ng

RT: 19.21 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

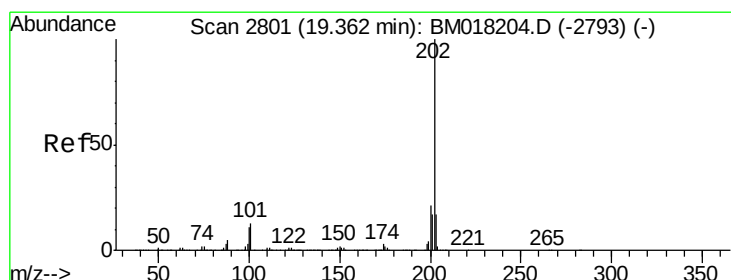
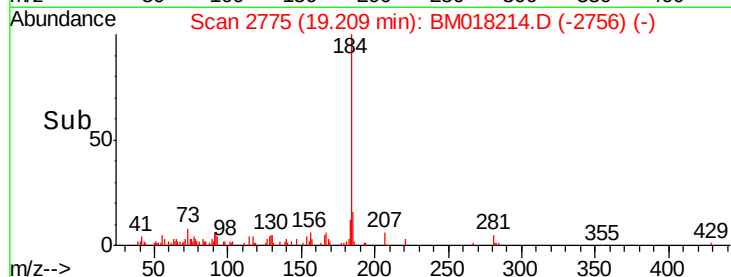
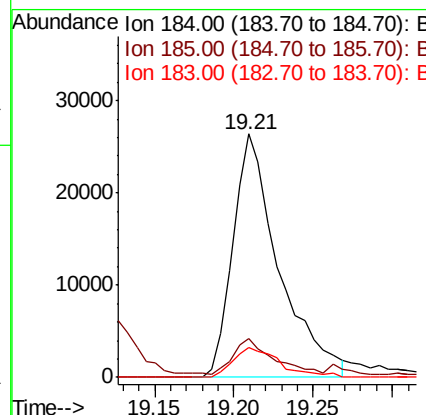
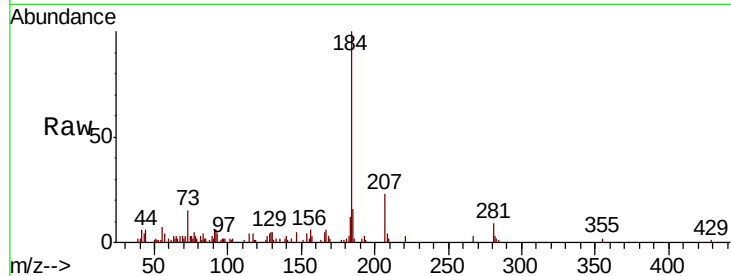
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	184	Resp:	52923
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.4	17.2
183	12.3	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 7.554 ng

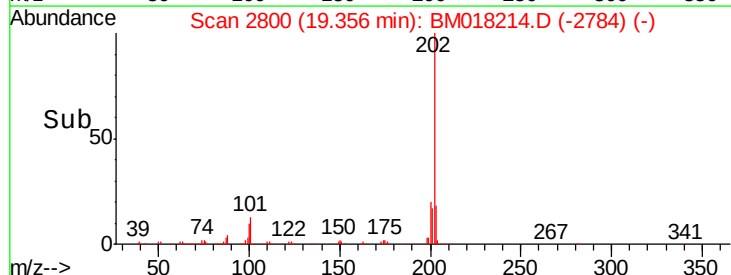
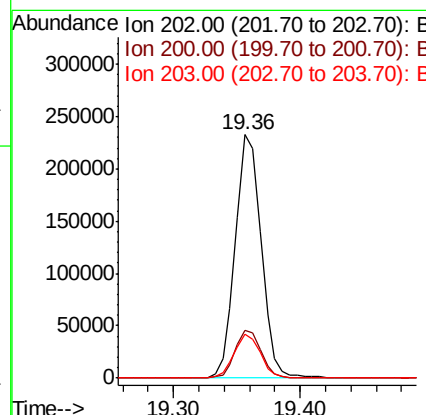
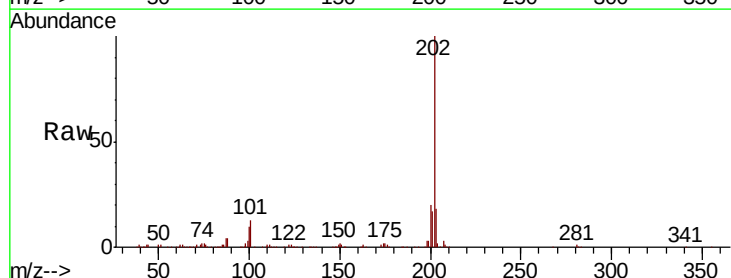
RT: 19.36 min Scan# 2800

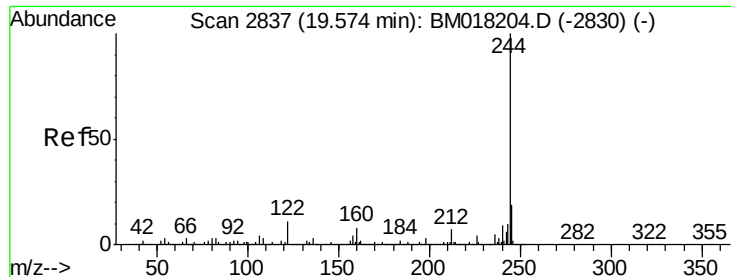
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	202	Resp:	328800
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.5	24.7
203	18.2	14.0	21.0





#79

Terphenyl-d14

Concen: 16.983 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

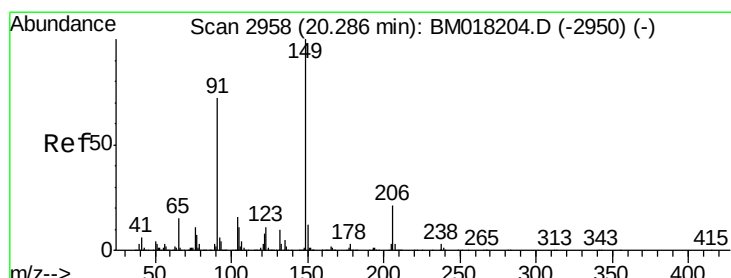
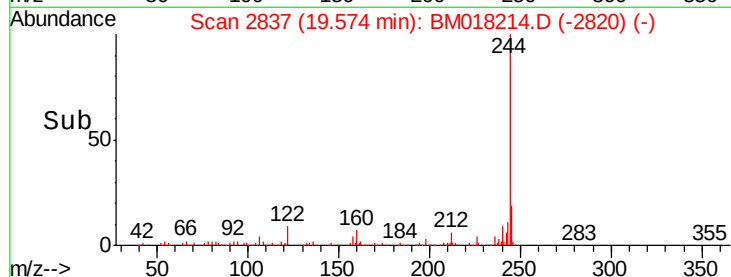
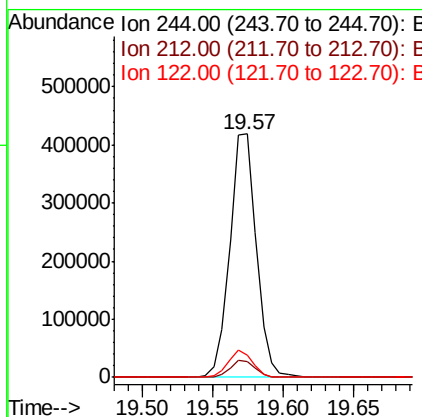
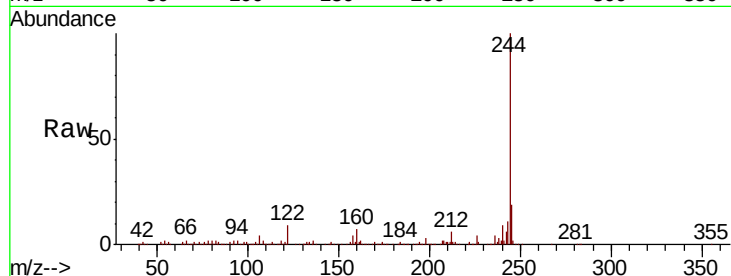
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	244	Resp:	548499
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.0	9.0	13.6#

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 7.251 ng

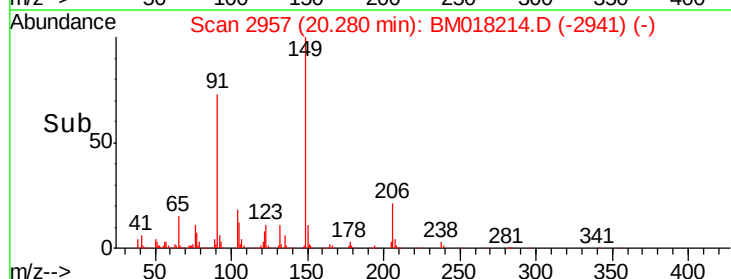
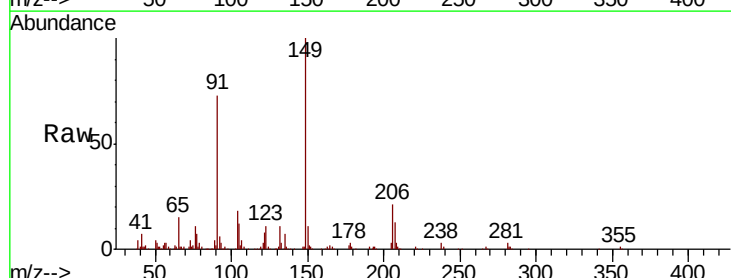
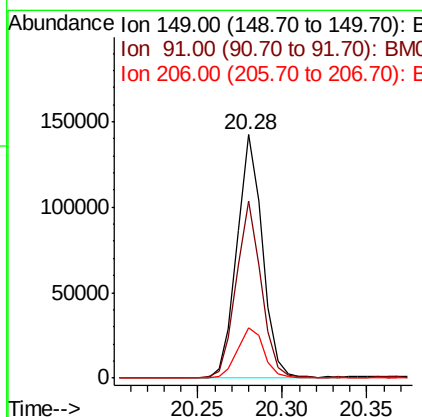
RT: 20.28 min Scan# 2957

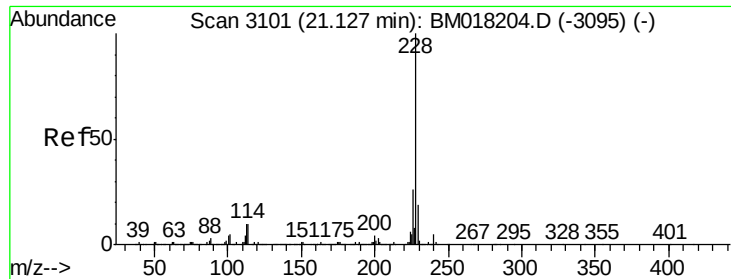
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	149	Resp:	150141
Ion Ratio		Lower	Upper
149	100		
91	72.5	57.4	86.2
206	20.7	17.0	25.4





#81

Benzo(a)anthracene

Concen: 7.836 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

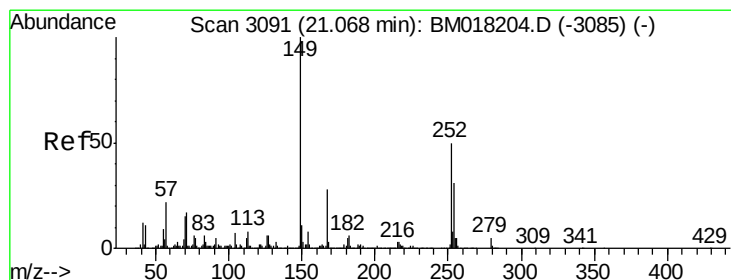
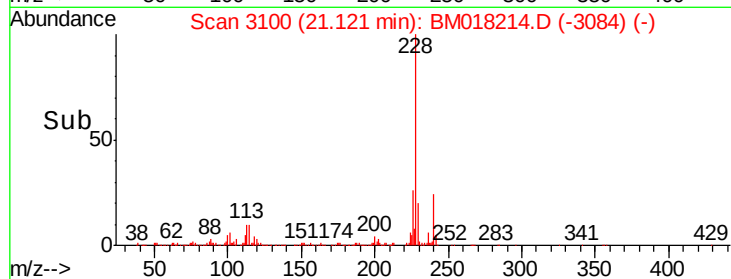
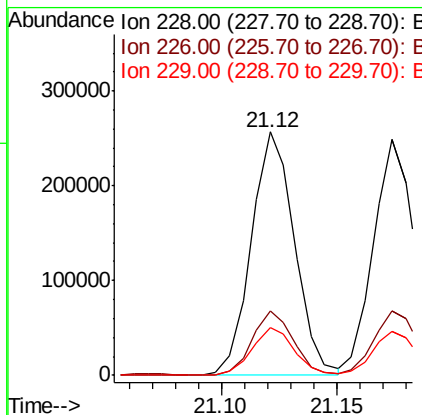
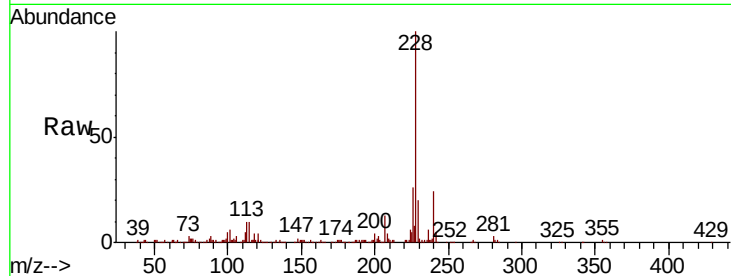
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	228	Resp:	334348
Ion Ratio		Lower	Upper
228	100		
226	26.2	21.0	31.4
229	19.6	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 6.161 ng

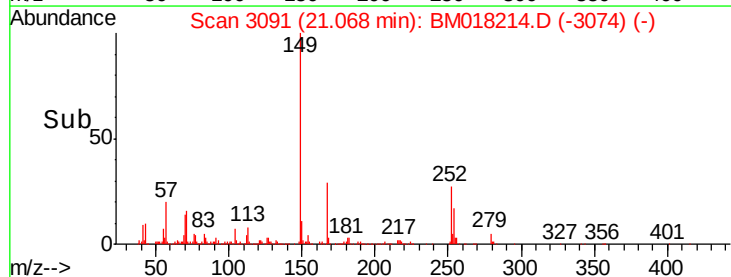
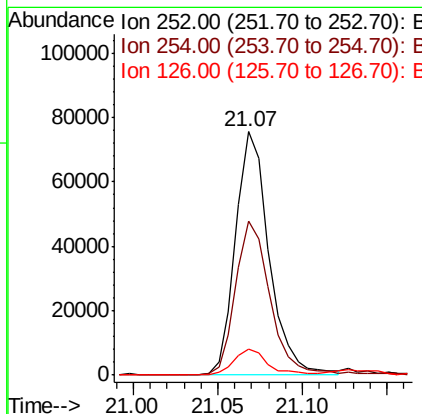
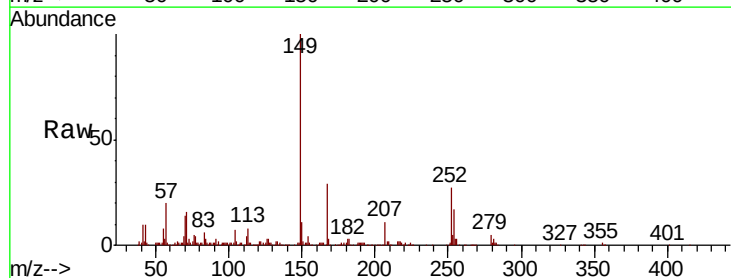
RT: 21.07 min Scan# 3091

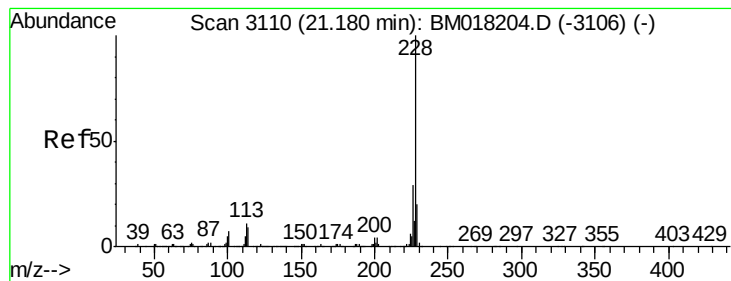
Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	252	Resp:	105018
Ion Ratio		Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.9	9.4	14.0





#83

Chrysene

Concen: 7.646 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

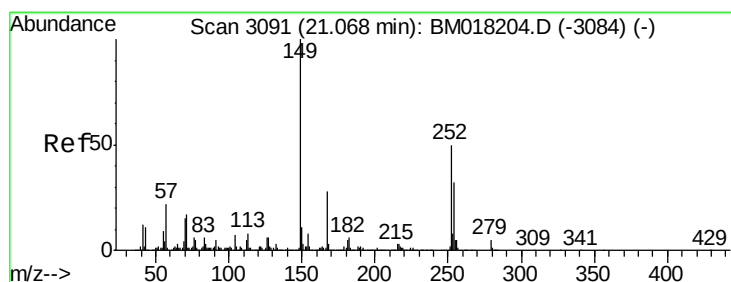
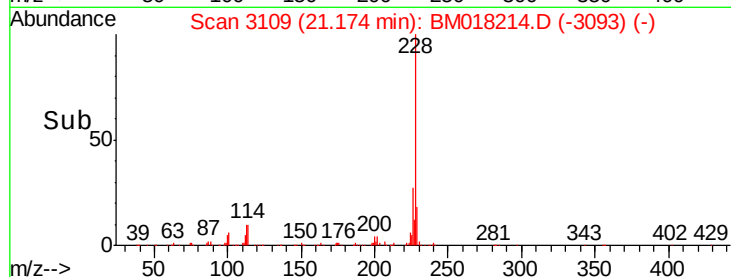
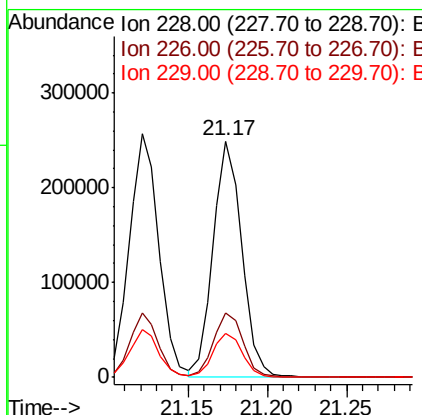
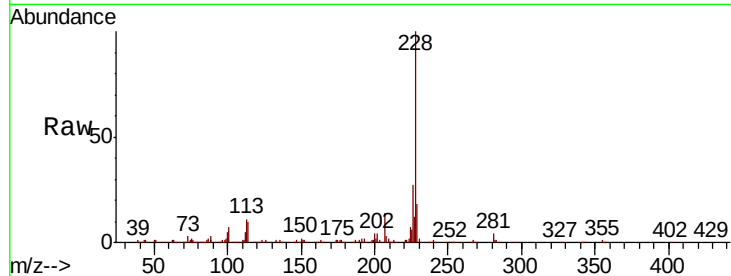
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	228	Resp:	313800
Ion Ratio		Lower	Upper
228	100		
226	27.4	23.1	34.7
229	18.4	15.8	23.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 13.628 ng

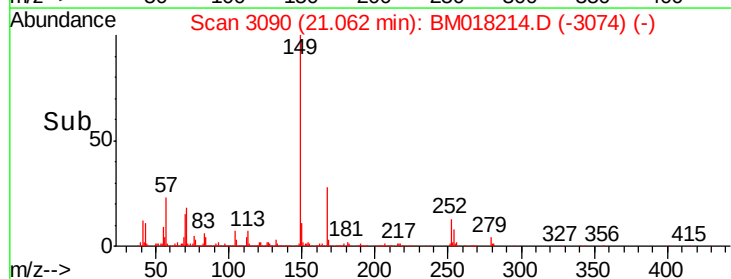
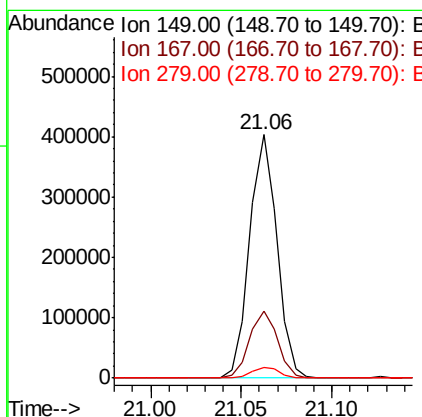
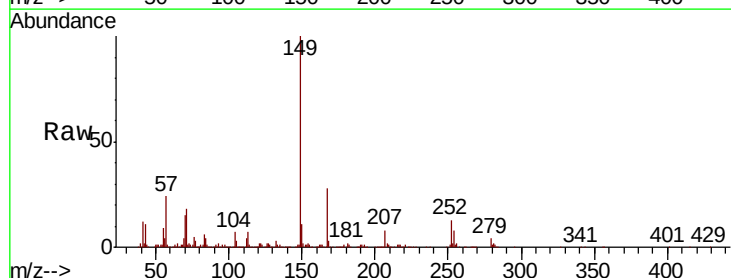
RT: 21.06 min Scan# 3090

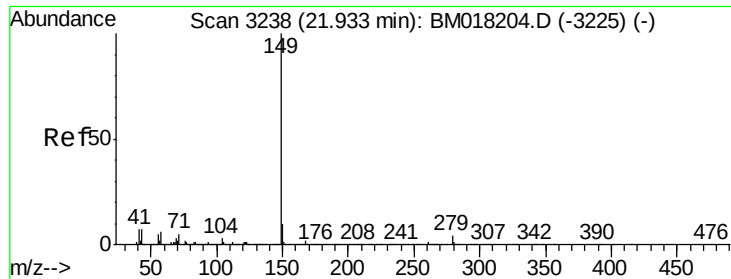
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	149	Resp:	420561
Ion Ratio		Lower	Upper
149	100		
167	27.7	22.7	34.1
279	4.2	3.9	5.9





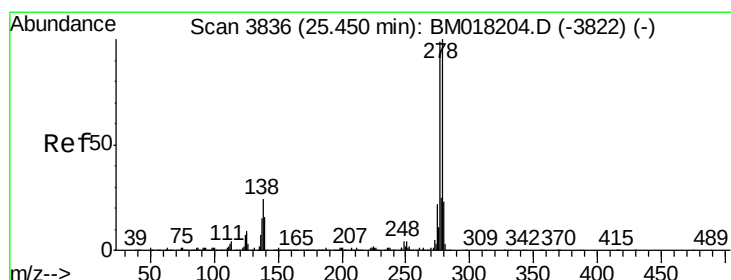
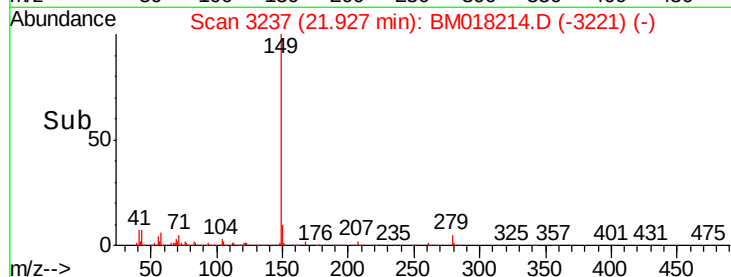
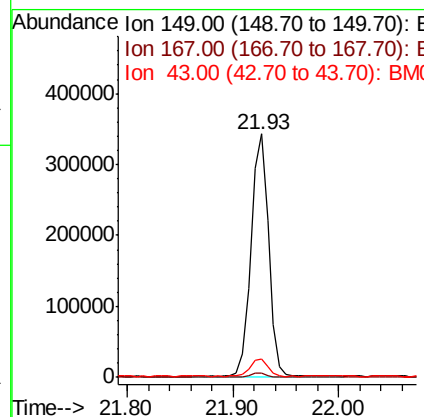
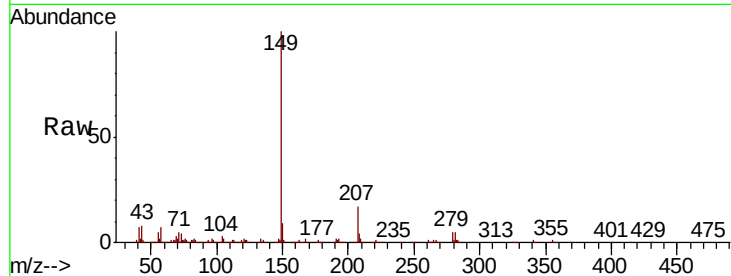
#85
Di-n-octyl phthalate
Concen: 7.818 ng
RT: 21.93 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395123		
167	1.7		1.4	2.0
43	7.3		6.2	9.4

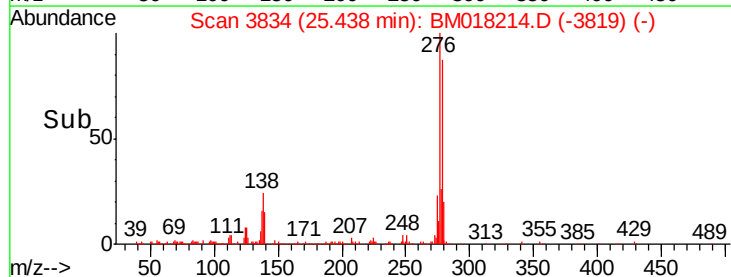
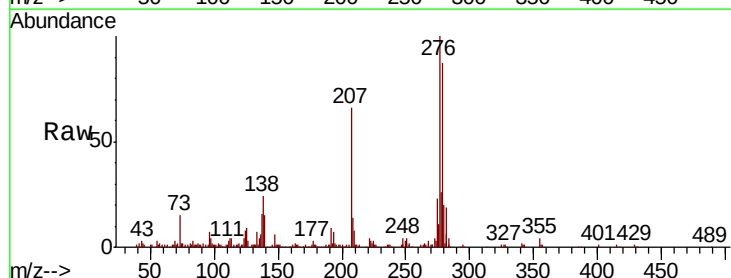
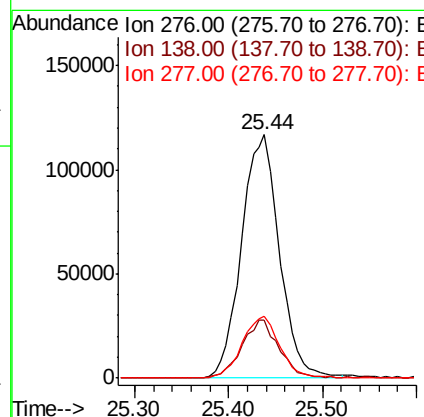
Manual Integrations
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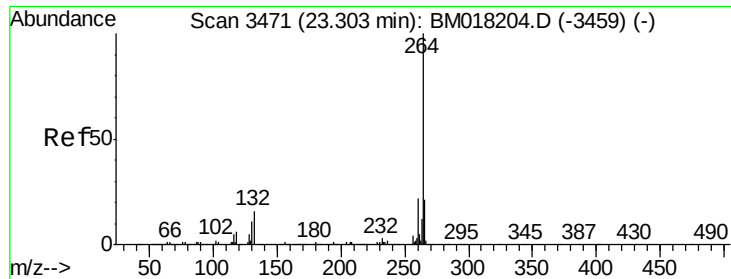
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.992 ng
RT: 25.44 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	326735		
138	23.4		18.6	28.0
277	25.3		20.3	30.5





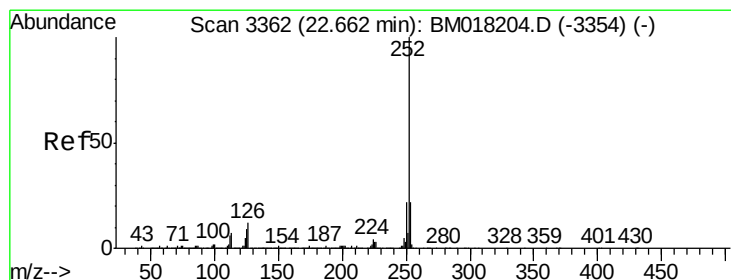
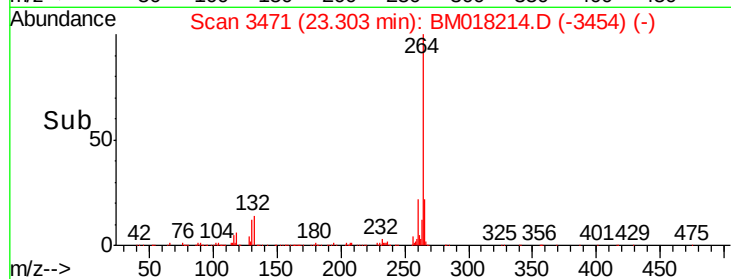
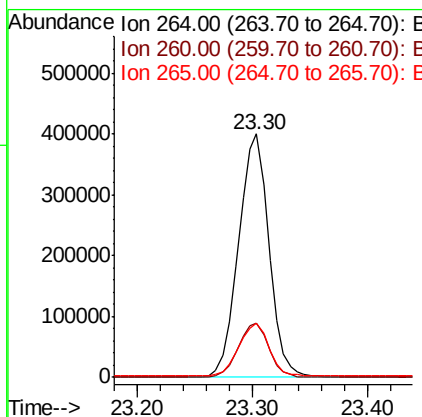
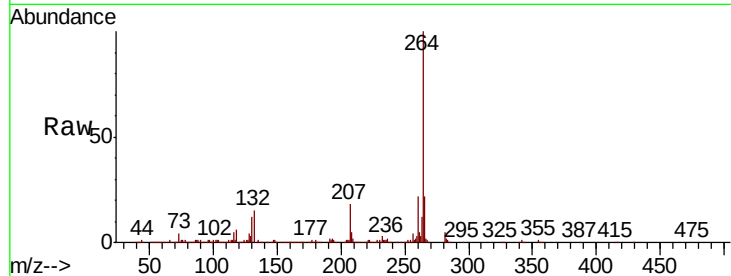
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion:	264	Resp:	732466
Ion Ratio	Lower	Upper	
264	100		
260	22.4	17.5	26.3
265	22.4	17.3	25.9

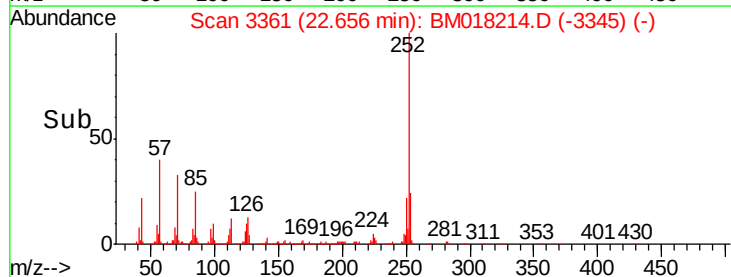
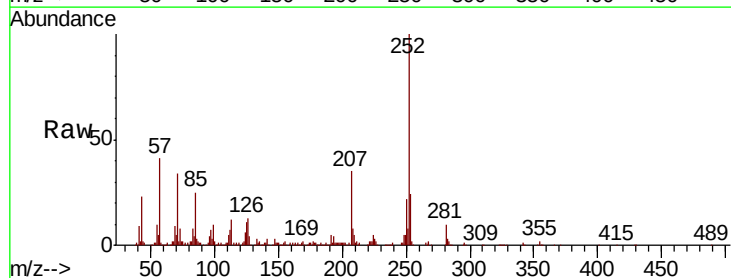
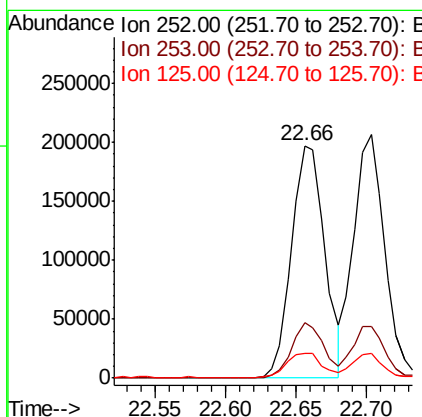
Manual Integrations
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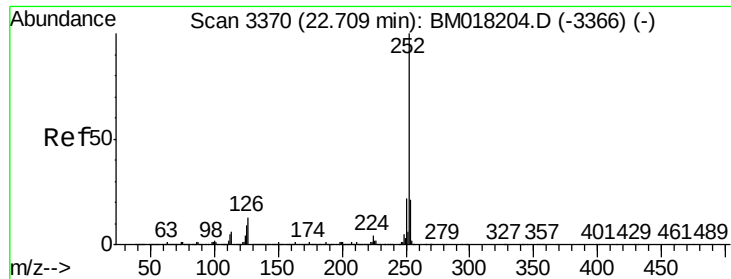
Sohil
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#88
Benzo(b)fluoranthene
Concen: 7.891 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion:	252	Resp:	324660
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	10.8	7.4	11.0





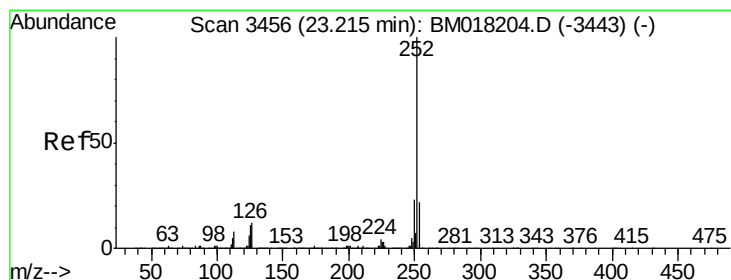
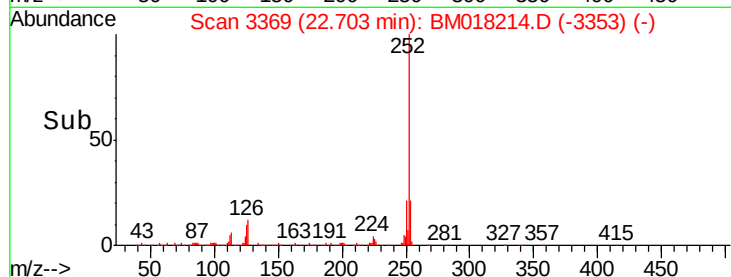
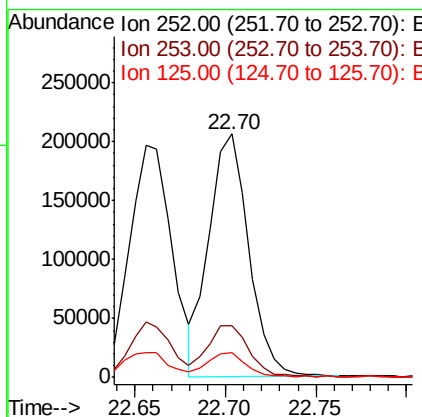
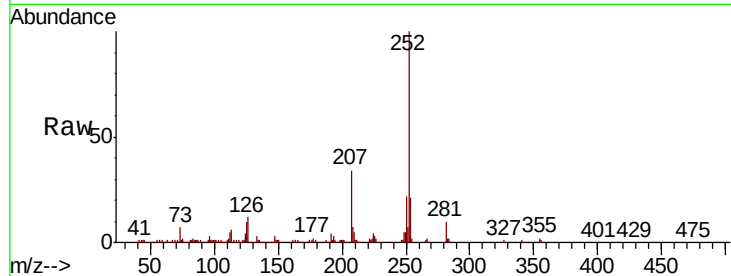
#89
Benzo(k)fluoranthene
Concen: 7.661 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.9	25.3
125	10.0	7.5	11.3

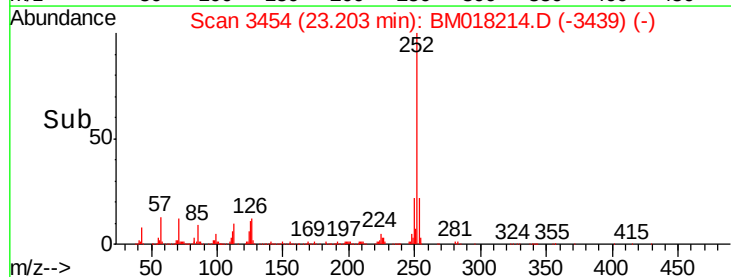
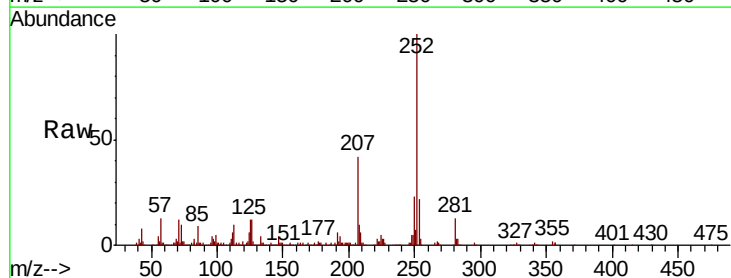
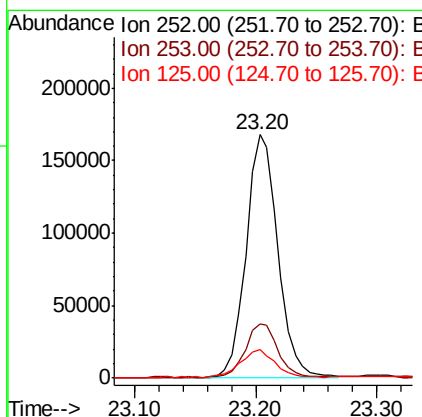
Manual Integrations
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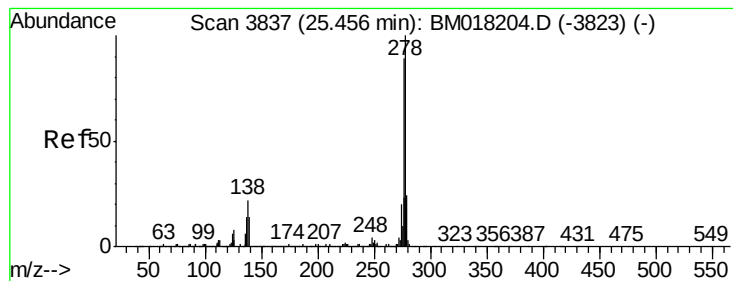
Sohil
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#90
Benzo(a)pyrene
Concen: 7.816 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM018214.D
Acq: 15 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.7	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 7.567 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA_M

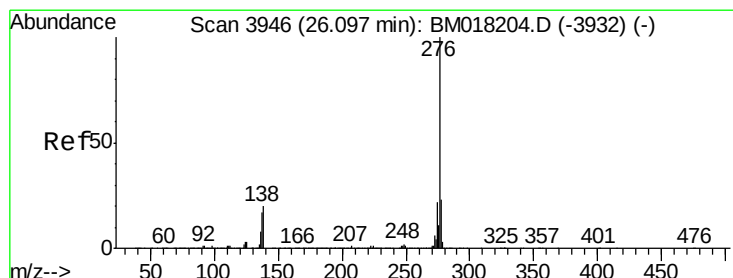
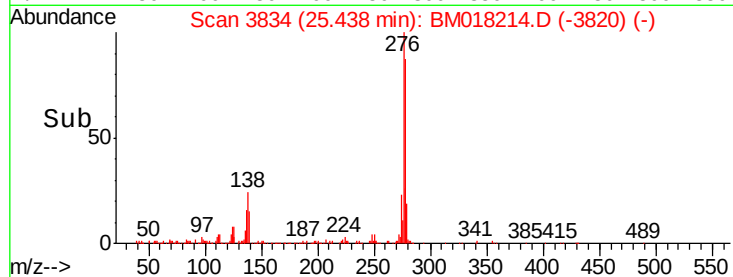
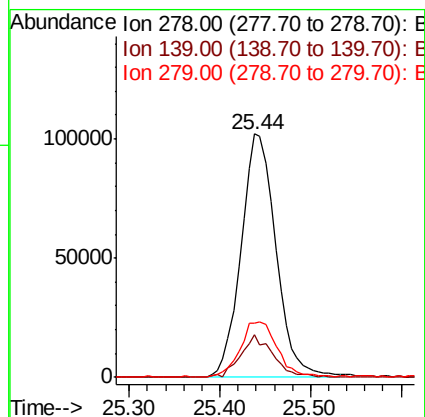
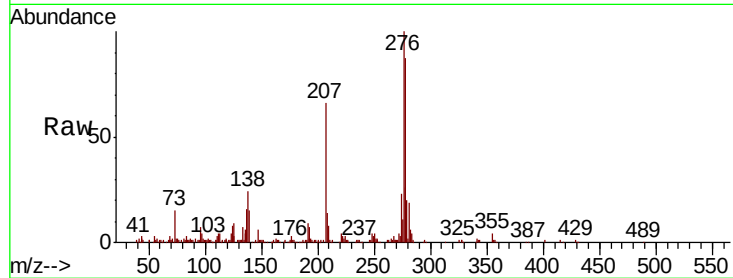
ClientSampleId :

P001-SW001-01MSD

Tot Ion:	278	Resp:	274294
Ion Ratio	Lower	Upper	
278	100		
139	17.3	11.6	17.4
279	22.5	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/17/2018 4:19:49 PM



#92

Benzo(g,h,i)perylene

Concen: 7.775 ng

RT: 26.09 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:	276	Resp:	266411
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.7	28.1
138	20.4	15.8	23.8

