

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000017.D
 Acq On : 05 Feb 2018 14:08
 Operator : SJ/JU
 Sample : MDL-W-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Manual Integrations
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Sohil
 2/6/2018 5:15:38 PM

Quant Time: Feb 06 16:55:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	288448	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1407395	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	837508	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	1888280	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2192582	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2336410	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2370544	121.17	ng	0.00
7) Phenol-d6	7.59	99	3462266	116.51	ng	0.00
23) Nitrobenzene-d5	9.65	82	2141292	92.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.56	330	1015595	120.63	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5723779	91.53	ng	0.00
78) Terphenyl-d14	20.37	244	7603389	91.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	28089	3.629	ng	99
3) Pyridine	4.14	79	57968	2.470	ng	98
4) n-Nitrosodimethylamine	4.02	42	22424	3.247	ng	# 82
6) Aniline	7.78	93	129917	3.207	ng	92
8) 2-Chlorophenol	8.03	128	74459	3.440	ng	87
9) Benzaldehyde	7.59	77	73240	2.370	ng	89
10) Phenol	7.62	94	106220	3.497	ng	94
11) bis(2-Chloroethyl)ether	7.88	93	84849	3.502	ng	86
12) 1,3-Dichlorobenzene	8.36	146	89782	3.737	ng	96
13) 1,4-Dichlorobenzene	8.52	146	91034	3.689	ng	95
14) 1,2-Dichlorobenzene	8.84	146	89897	3.687	ng	94
15) Benzyl Alcohol	8.71	79	57557	2.638	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.00	45	92114	3.515	ng	82
17) 2-Methylphenol	8.90	107	63553	2.902	ng	96
18) Hexachloroethane	9.58	117	28751	3.398	ng	# 77
19) n-Nitroso-di-n-propylamine	9.28	70	53715	2.682	ng	# 83
20) 3+4-Methylphenols	9.23	107	81960	2.672	ng	94
22) Acetophenone	9.30	105	141152	3.396	ng	# 87
24) Nitrobenzene	9.69	77	105431	4.223	ng	97
25) Isophorone	10.22	82	151942	2.756	ng	100
26) 2-Nitrophenol	10.41	139	18305	2.097	ng	88
27) 2,4-Dimethylphenol	10.46	122	74807	3.309	ng	95
28) bis(2-Chloroethoxy)methane	10.70	93	104999	3.302	ng	97
29) 2,4-Dichlorophenol	10.95	162	48378	2.494	ng	93
30) 1,2,4-Trichlorobenzene	11.17	180	83225	3.664	ng	98
31) Naphthalene	11.37	128	292399	3.704	ng	97
32) Benzoic acid	10.49	122	11027m	7.244	ng	
33) 4-Chloroaniline	11.46	127	110598	3.022	ng	95
34) Hexachlorobutadiene	11.65	225	44594	3.854	ng	95
35) Caprolactam	12.18	113	15955	1.851	ng	92
36) 4-Chloro-3-methylphenol	12.54	107	60418	2.291	ng	99
37) 2-Methylnaphthalene	12.95	142	191074	3.426	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	94041	3.855	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	24259	2.977	ng	92

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Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

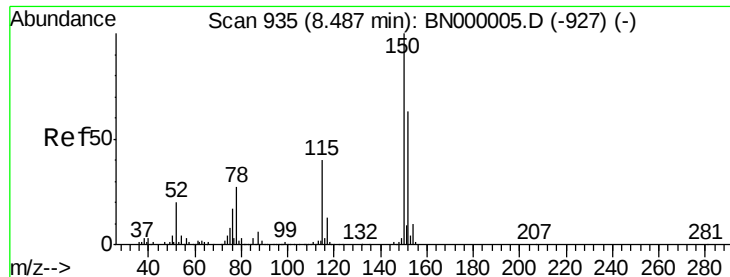
Manual Integrations
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 2/6/2018 5:15:38 PM

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 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	31469	2.182	ng	97
43) 2,4,5-Trichlorophenol	13.59	196	37626	2.216	ng	# 91
45) 1,1'-Biphenyl	13.93	154	292606	3.910	ng	97
46) 2-Chloronaphthalene	13.97	162	204399	3.638	ng	97
47) 2-Nitroaniline	14.16	65	26582	1.752	ng	94
48) Acenaphthylene	14.81	152	289283	3.067	ng	98
49) Dimethylphthalate	14.52	163	231945	3.099	ng	# 99
50) 2,6-Dinitrotoluene	14.65	165	25977	1.754	ng	# 86
51) Acenaphthene	15.15	154	210333	3.533	ng	97
52) 3-Nitroaniline	14.97	138	31831	1.740	ng	# 90
53) 2,4-Dinitrophenol	15.17	184	5671	6.347	ng	97
54) Dibenzofuran	15.47	168	317028	3.711	ng	96
55) 4-Nitrophenol	15.25	139	19526	1.417	ng	87
56) 2,4-Dinitrotoluene	15.42	165	29658	1.487	ng	# 95
57) Fluorene	16.12	166	250715	3.486	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	31187	2.255	ng	# 83
59) Diethylphthalate	15.87	149	223980	2.864	ng	98
60) 4-Chlorophenyl-phenylether	16.10	204	114909	3.615	ng	# 88
61) 4-Nitroaniline	16.12	138	34322	1.764	ng	94
62) Azobenzene	16.40	77	229423	2.936	ng	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	10824	1.564	ng	88
65) n-Nitrosodiphenylamine	16.31	169	198740	3.221	ng	95
66) 4-Bromophenyl-phenylether	16.99	248	60878	3.445	ng	# 81
67) Hexachlorobenzene	17.11	284	76493	3.758	ng	# 87
68) Atrazine	17.24	200	51400	2.733	ng	93
69) Pentachlorophenol	17.45	266	23738	1.947	ng	95
70) Phenanthrene	17.85	178	437969	3.855	ng	99
71) Anthracene	17.94	178	370737	3.294	ng	97
72) Carbazole	18.20	167	371066	3.186	ng	96
73) Di-n-butylphthalate	18.74	149	277206	2.144	ng	# 96
74) Fluoranthene	19.82	202	418325	3.243	ng	95
76) Benzidine	19.99	184	119408	2.151	ng	97
77) Pyrene	20.18	202	476320	3.443	ng	99
79) Butylbenzylphthalate	21.05	149	81085	1.325	ng	# 93
80) Benzo(a)anthracene	21.92	228	478155	3.517	ng	96
81) 3,3'-Dichlorobenzidine	21.83	252	103307	2.268	ng	# 88
82) Chrysene	21.97	228	523440	3.877	ng	99
83) Bis(2-ethylhexyl)phthalate	21.82	149	142110	1.558	ng	# 91
84) Di-n-octyl phthalate	22.79	149	195302	1.323	ng	97
85) Indeno(1,2,3-cd)pyrene	27.00	276	552236	3.171	ng	# 86
87) Benzo(b)fluoranthene	23.67	252	458202	3.298	ng	# 95
88) Benzo(k)fluoranthene	23.72	252	500622	3.594	ng	# 96
89) Benzo(a)pyrene	24.32	252	427856	3.170	ng	# 92
90) Dibenzo(a,h)anthracene	27.02	278	468335	3.316	ng	# 92
91) Benzo(g,h,i)perylene	27.79	276	462087	3.219	ng	# 86

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



#1

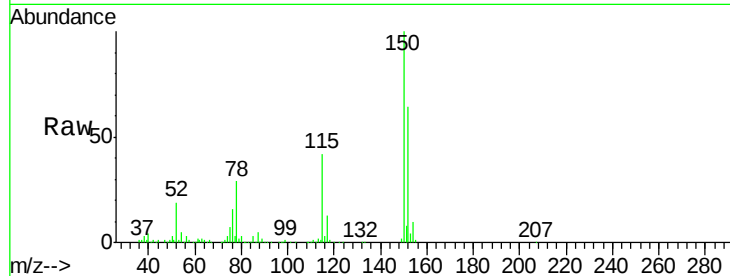
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

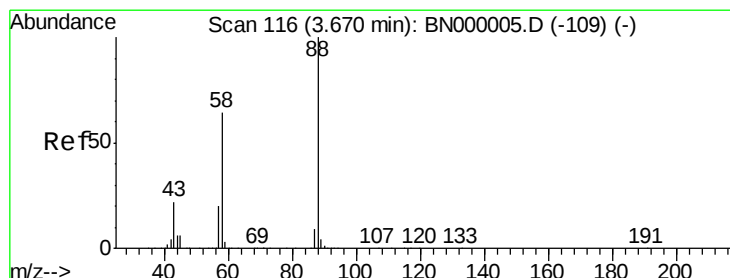
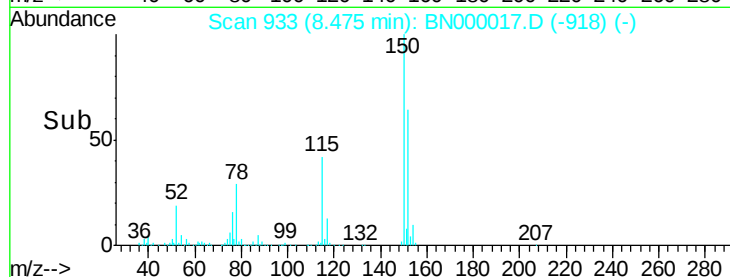
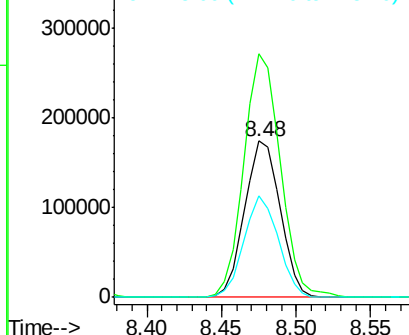
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	64.7	53.0	79.4

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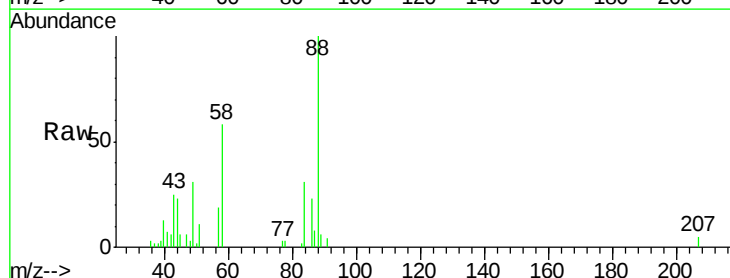
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



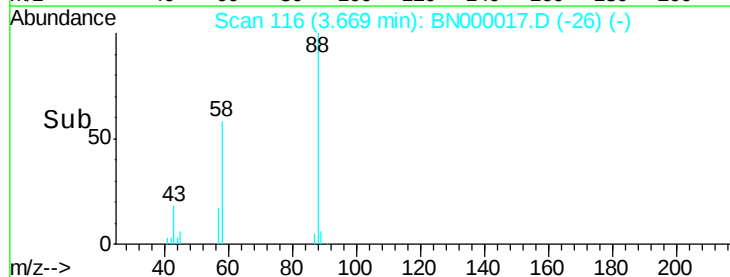
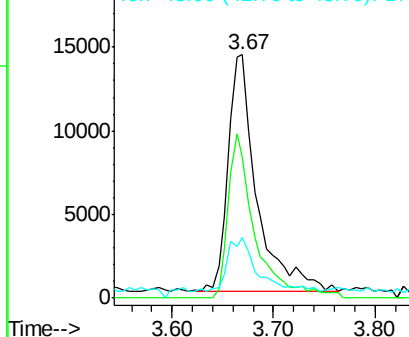
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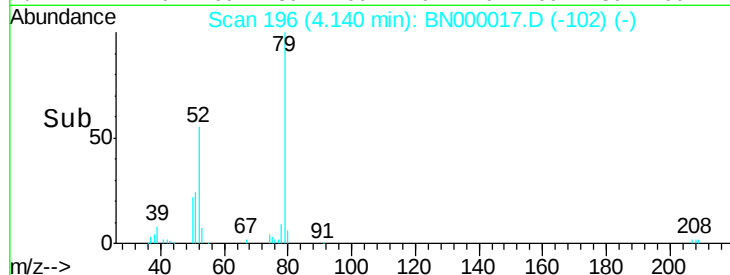
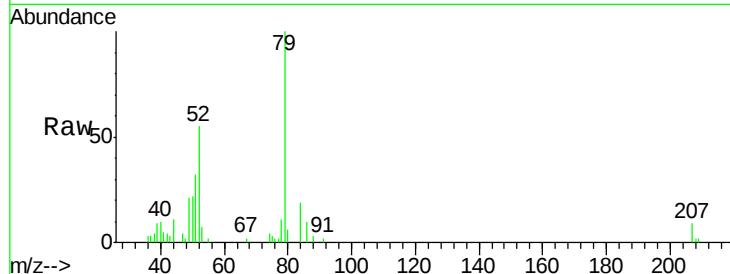
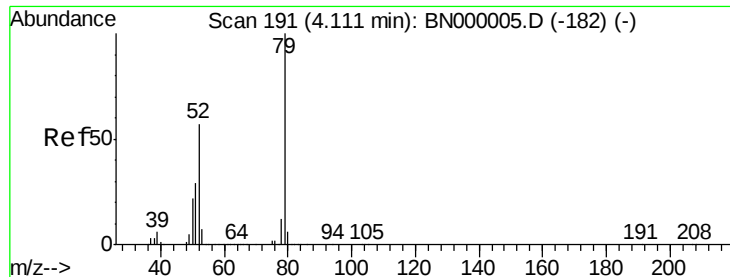
1,4-Dioxane
Concen: 3.629 ng
RT: 3.67 min Scan# 116
Delta R.T. -0.00 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	52.0	78.0
43	23.7	20.0	30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





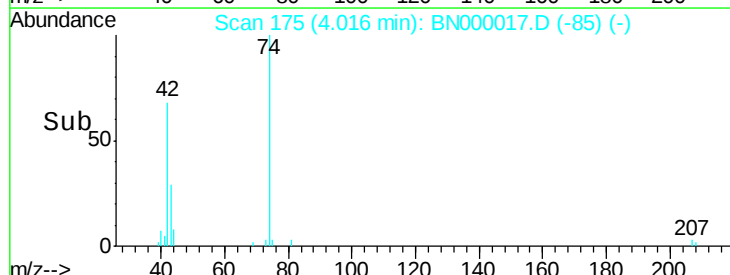
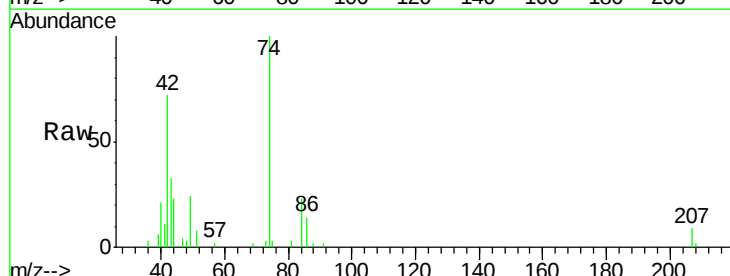
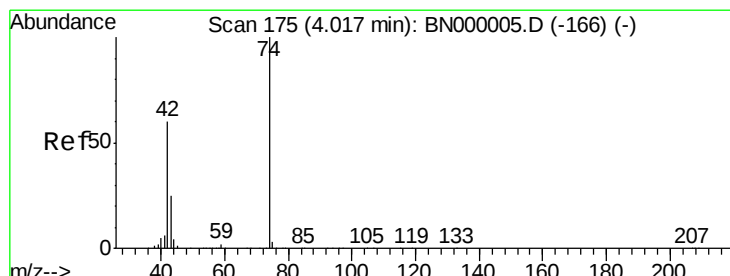
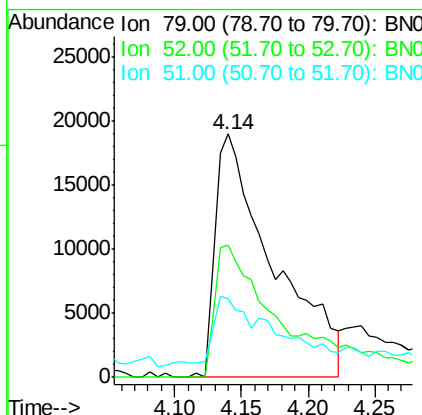
#3
 Pvridine
 Concen: 2.470 ng
 RT: 4.14 min Scan# 196
 Delta R.T. 0.02 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tot Ion:	79	Resp:	57968
Ion Ratio	Lower	Upper	
79	100		
52	54.5	44.0	66.0
51	32.3	24.0	36.0

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

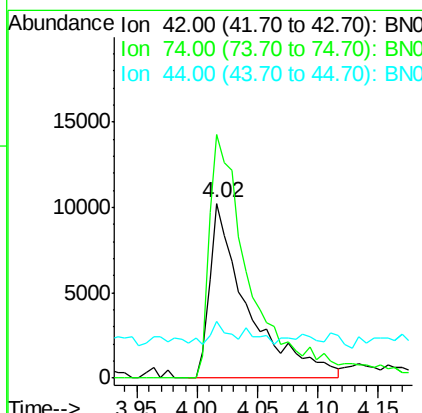
Manual Integrations
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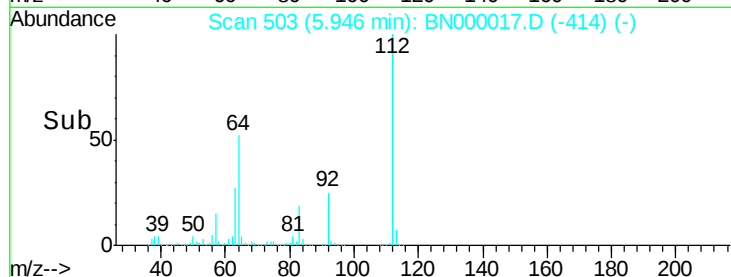
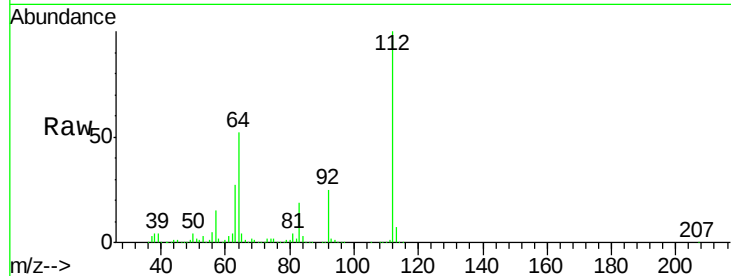
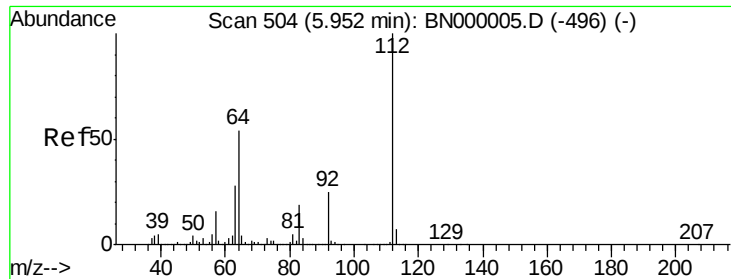
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#4
 n-Nitrosodimethylamine
 Concen: 3.247 ng
 RT: 4.02 min Scan# 175
 Delta R.T. -0.00 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion:	42	Resp:	22424
Ion Ratio	Lower	Upper	
42	100		
74	139.2	128.0	192.0
44	32.2	12.0	18.0#





#5

2-Fluorophenol

Concen: 121.173 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

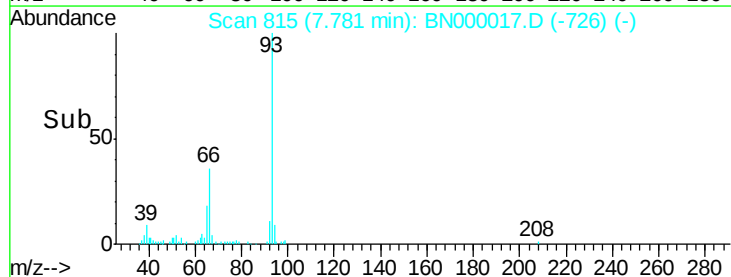
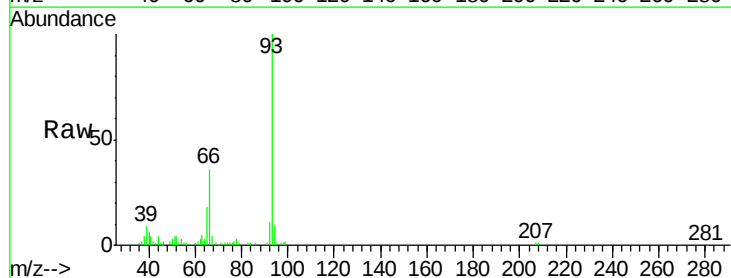
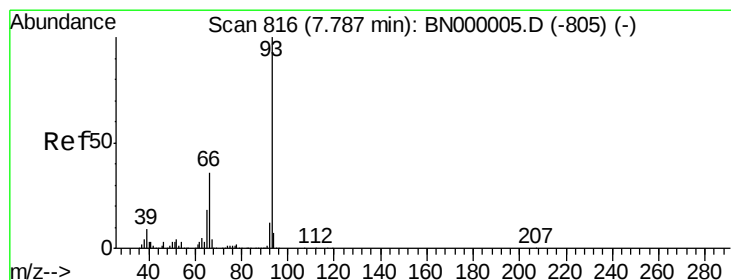
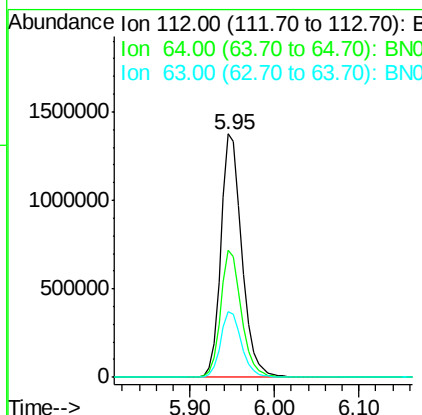
ClientSampleId :

MDL-W-01

Tot Ion	Ratio	Lower	Upper
112	100		
64	52.4	56.3	84.5#
63	26.9	30.1	45.1#

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#6

Aniline

Concen: 3.207 ng

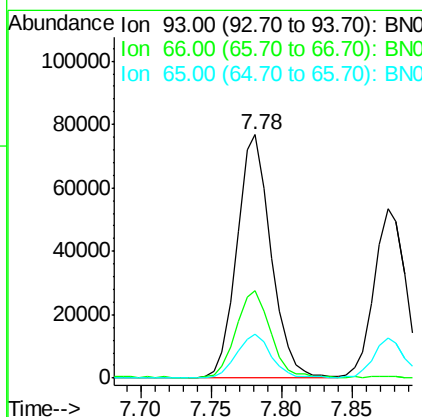
RT: 7.78 min Scan# 815

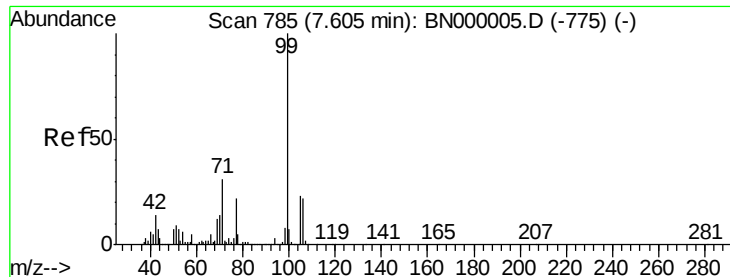
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	35.7	33.7	50.5
65	17.8	16.1	24.1





#7

Phenol-d6

Concen: 116.513 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

ClientSampled :

MDL-W-01

Tot Ion: 99 Resp: 3462266

Ion Ratio Lower Upper

99 100

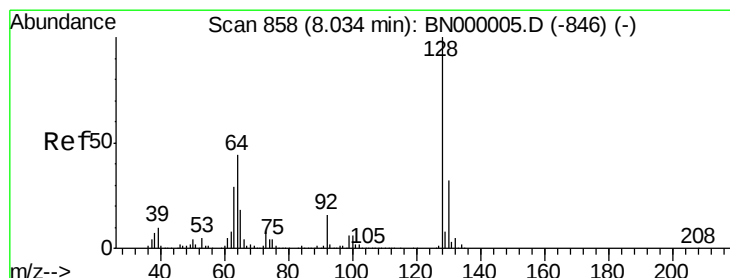
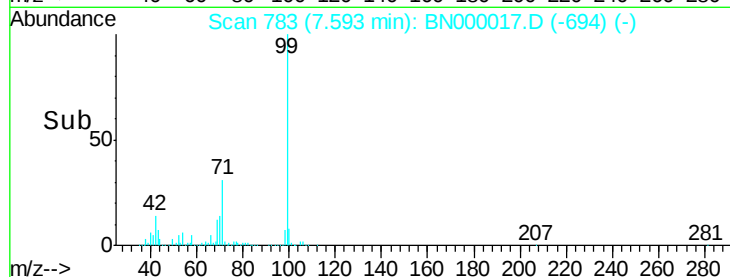
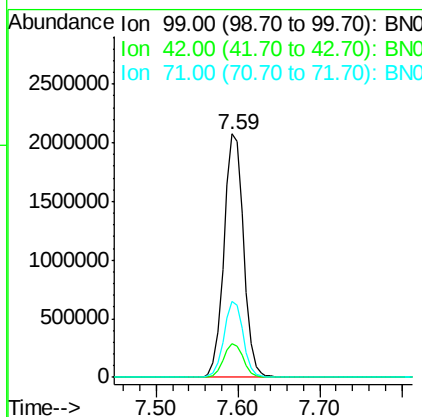
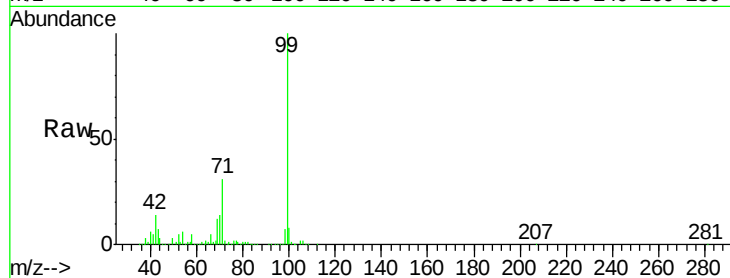
42 13.6 14.1 21.1#

71 31.3 26.1 39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 3.440 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

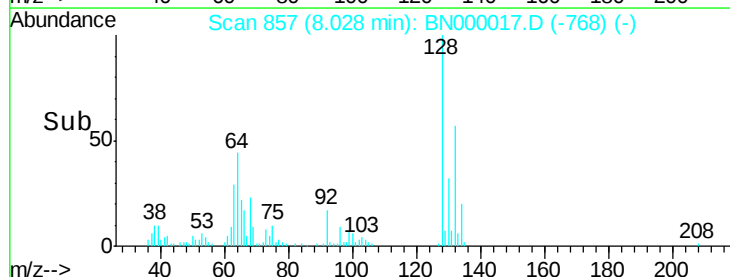
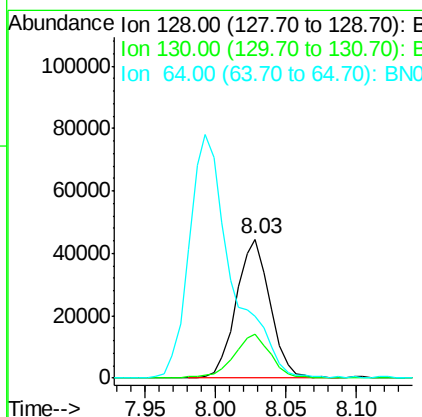
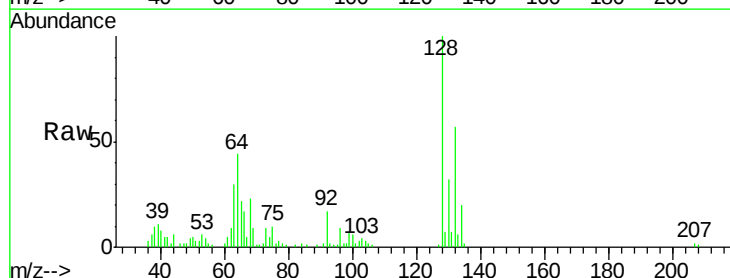
Tgt Ion: 128 Resp: 74459

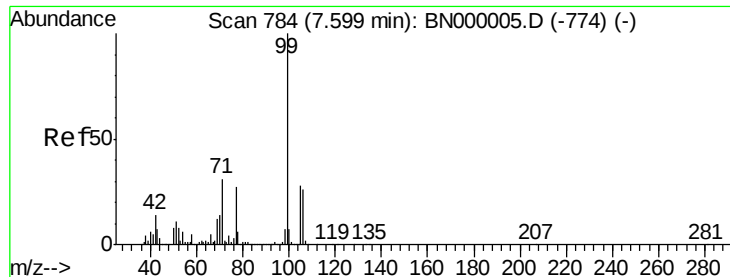
Ion Ratio Lower Upper

128 100

130 31.7 14.0 54.0

64 44.3 37.7 77.7





#9

Benzaldehyde

Concen: 2.370 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

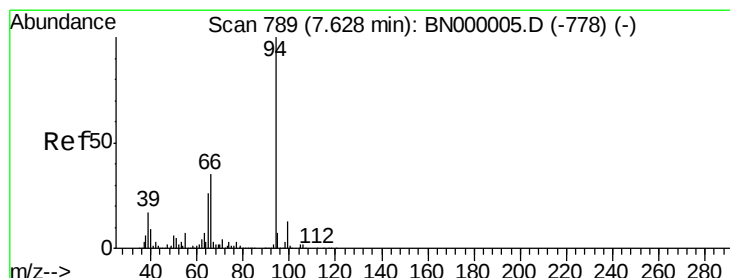
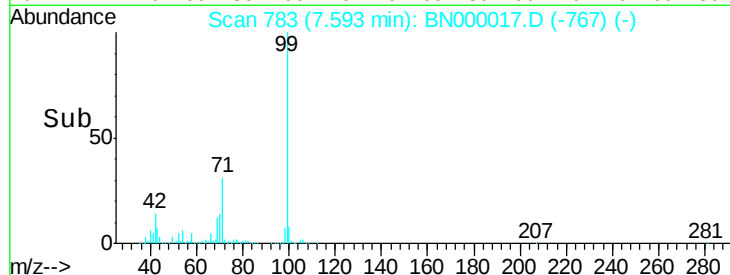
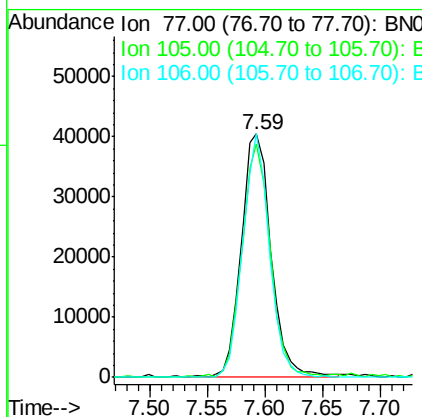
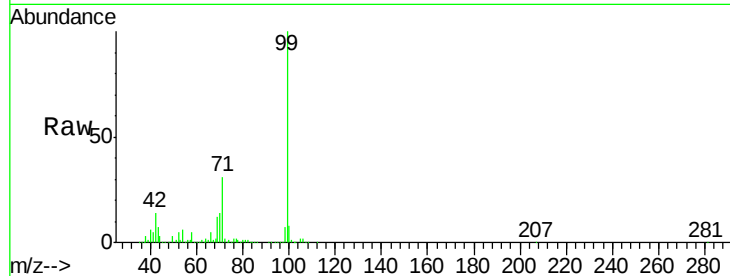
ClientSampled :

MDL-W-01

Tot Ion:	77	Resp:	73240
Ion	Ratio	Lower	Upper
77	100		
105	95.9	71.3	111.3
106	100.1	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 3.497 ng

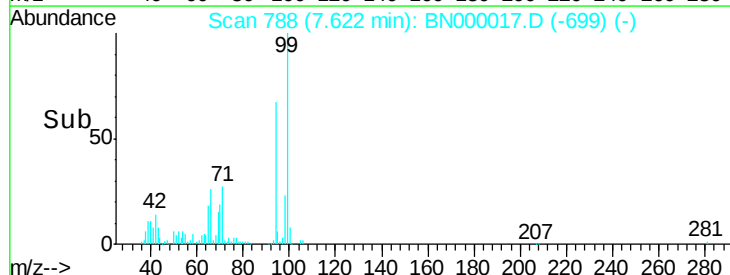
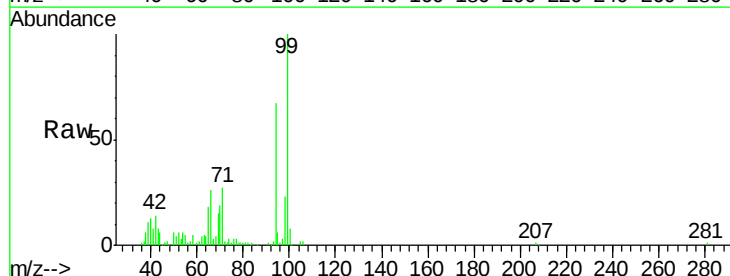
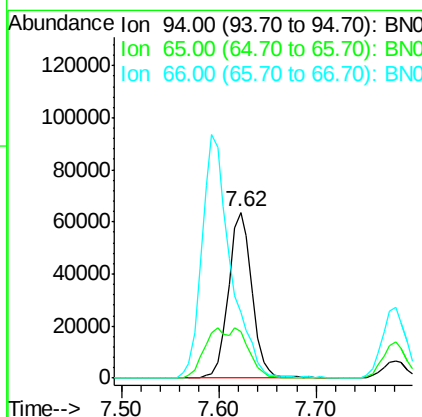
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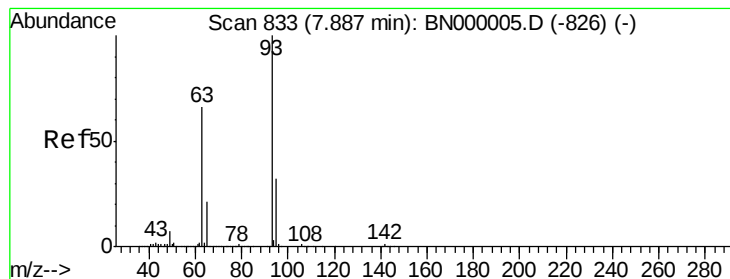
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	94	Resp:	106220
Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.9	51.9
66	39.6	22.2	62.2





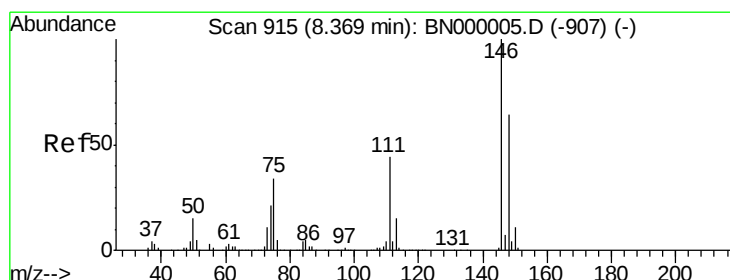
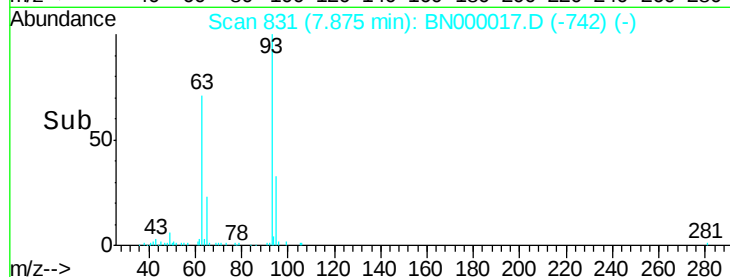
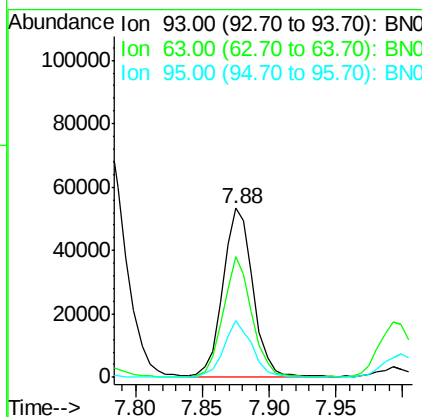
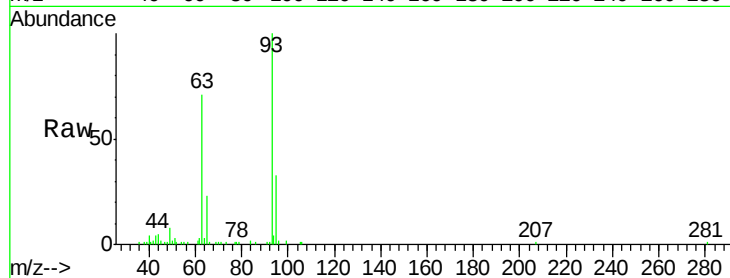
#11
bis(2-Chloroethyl)ether
Concen: 3.502 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	67.1	107.1
95	33.5	11.5	51.5

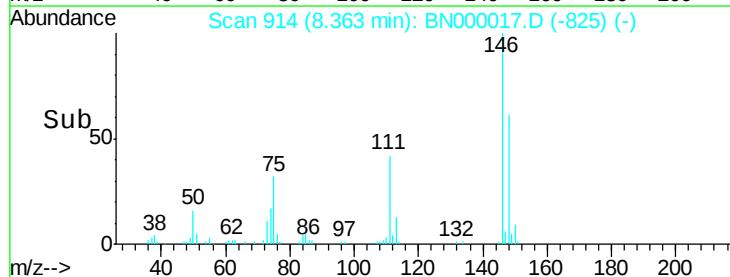
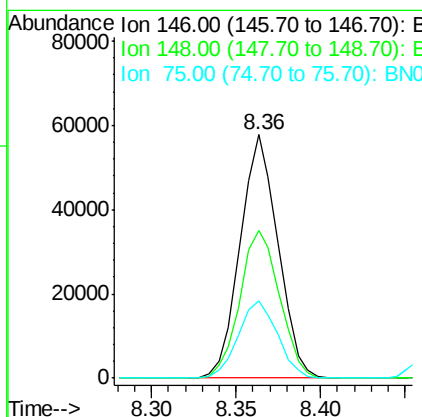
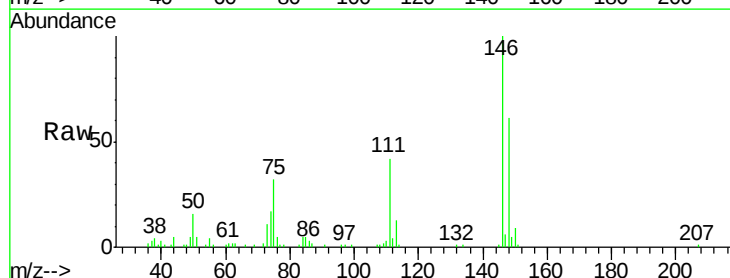
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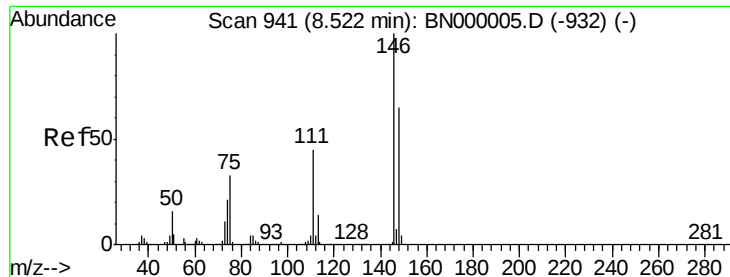
Sohil
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#12
1,3-Dichlorobenzene
Concen: 3.737 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.4	77.2
75	31.6	26.6	39.8





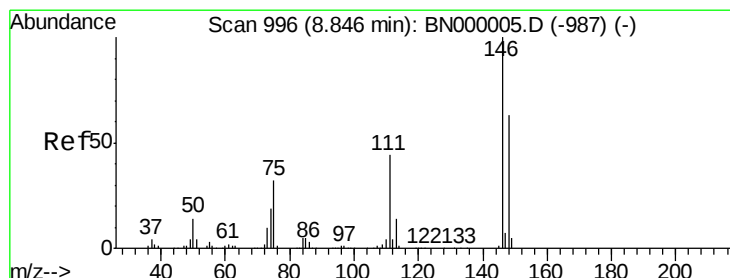
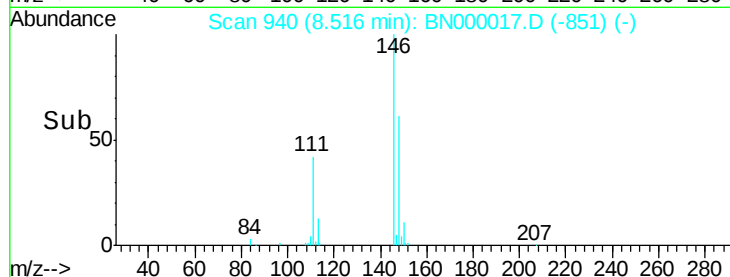
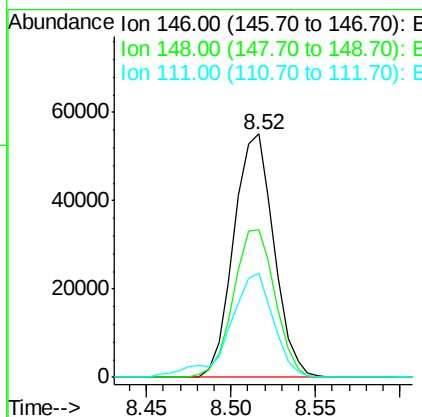
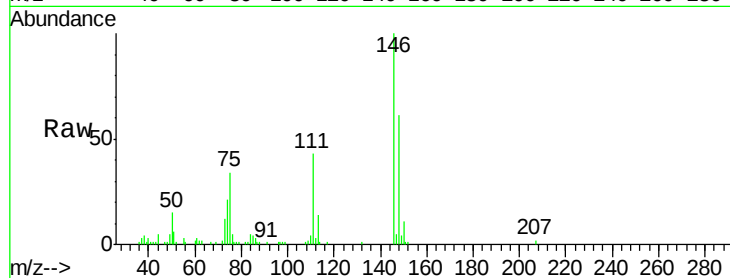
#13
 1,4-Dichlorobenzene
 Concen: 3.689 ng
 RT: 8.52 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.8	53.7	80.5
111	43.0	35.2	52.8

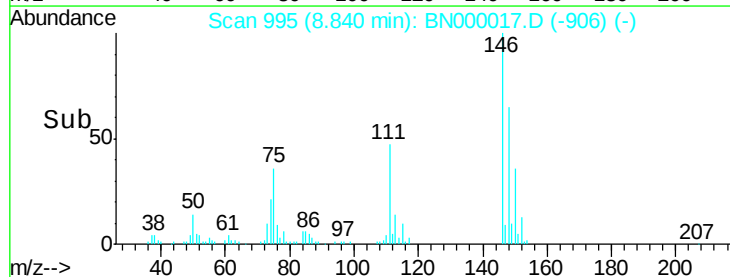
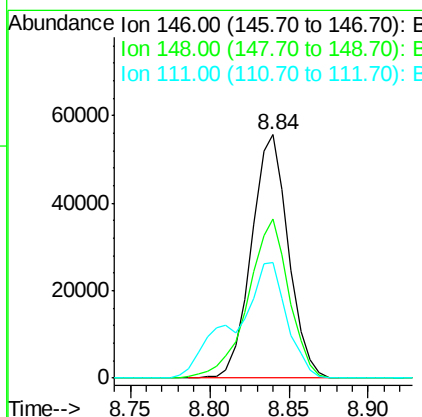
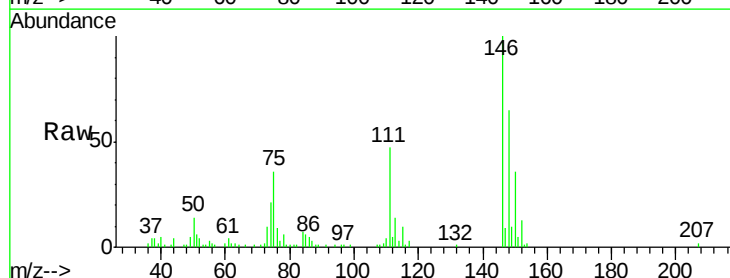
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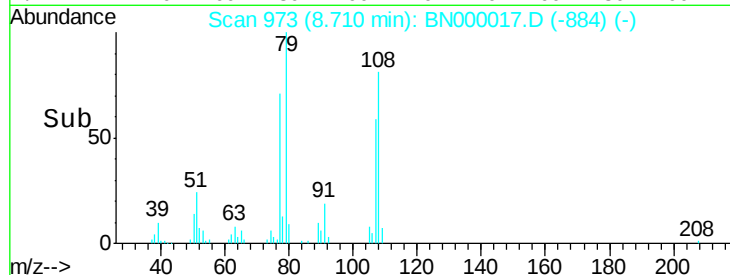
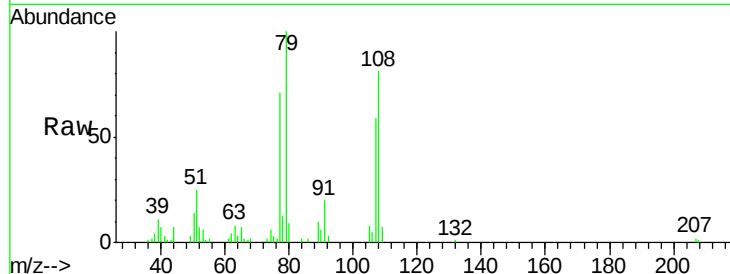
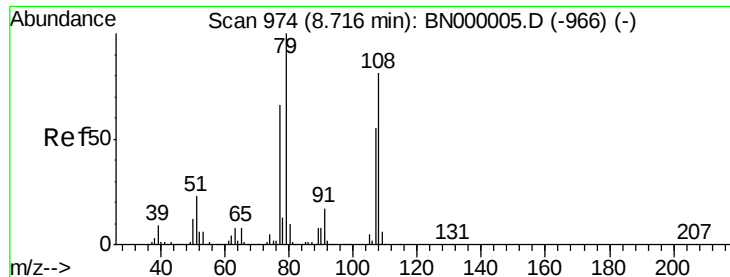
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#14
 1,2-Dichlorobenzene
 Concen: 3.687 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	47.4	34.3	51.5





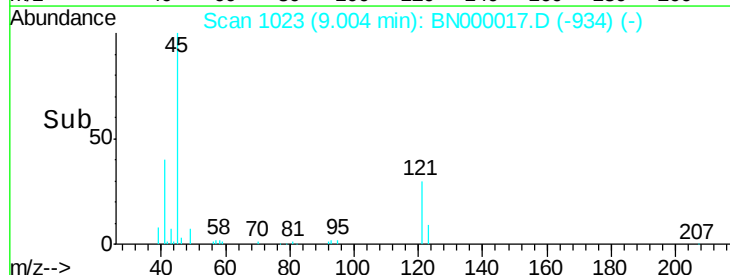
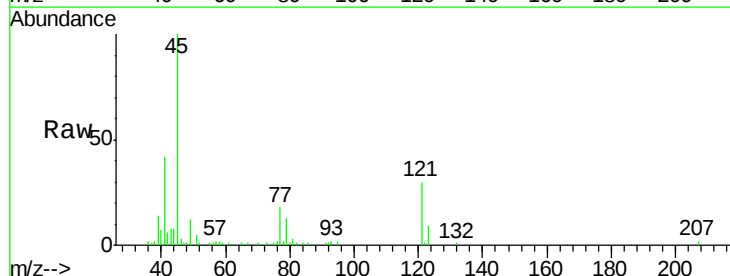
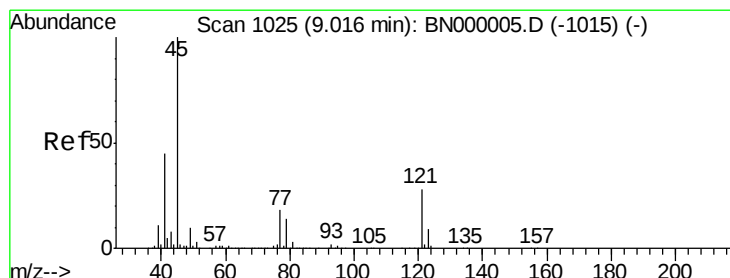
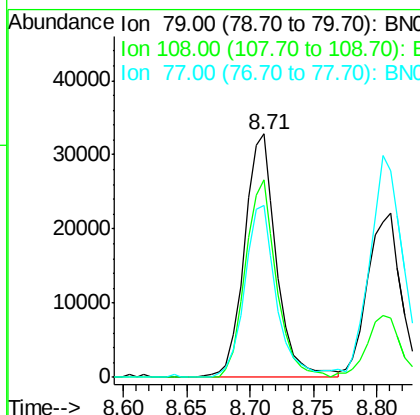
#15
Benzyl Alcohol
Concen: 2.638 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	57.2	85.8
77	70.8	46.1	69.1

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

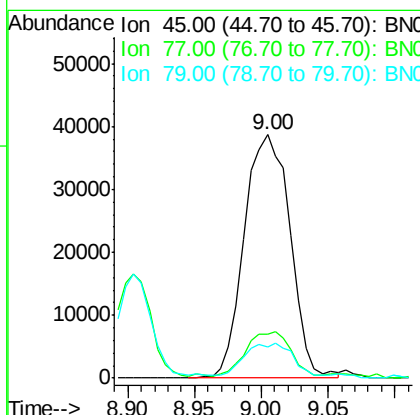
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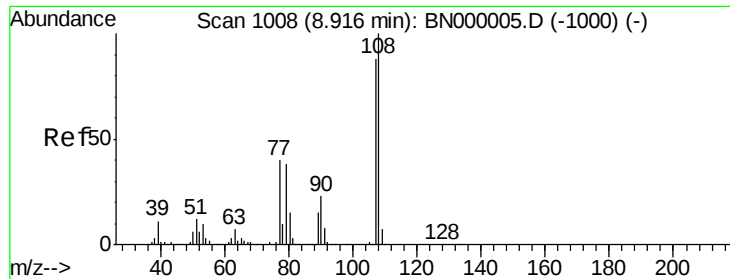
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.515 ng
RT: 9.00 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	30.2
79	12.6	0.0	27.9





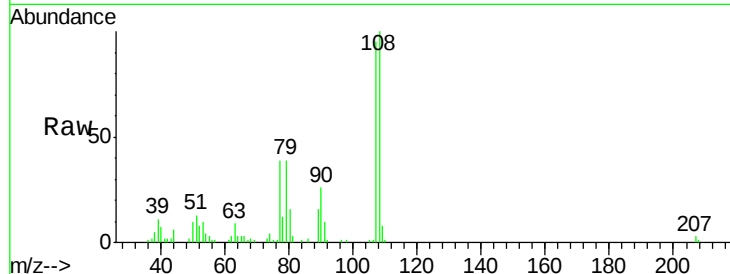
#17
2-Methylphenol
Concen: 2.902 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

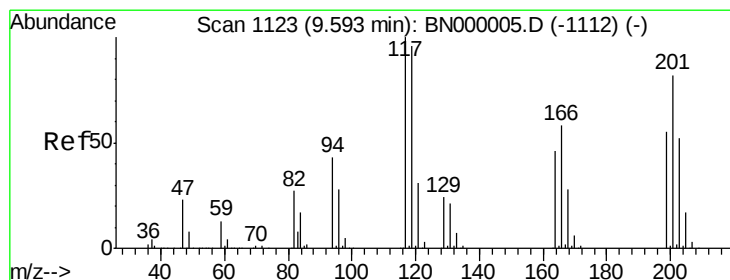
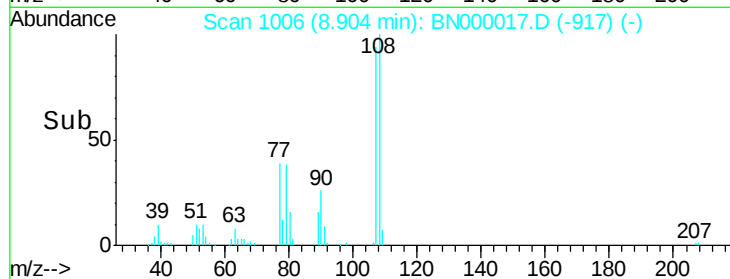
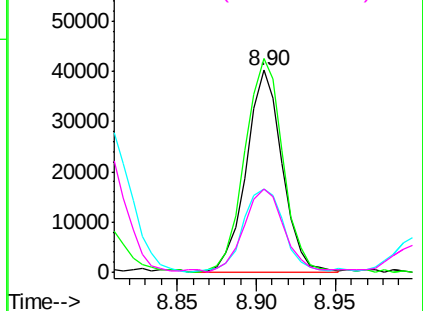
Tot Ion:	107	Resp:	63553
Ion	Ratio	Lower	Upper
107	100		
108	105.7	83.9	125.9
77	41.2	37.2	55.8
79	41.3	36.2	54.2

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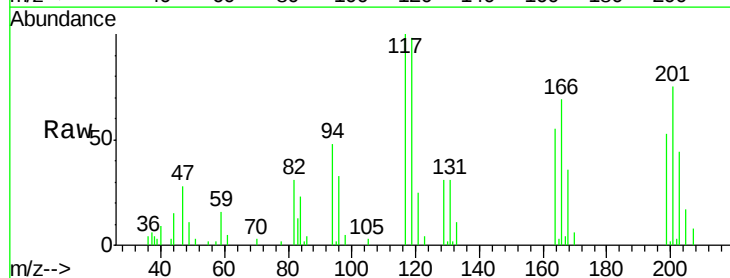


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

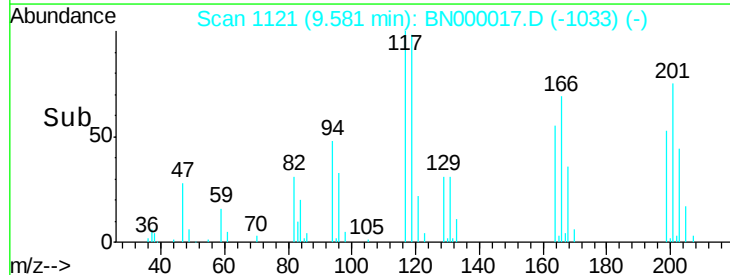
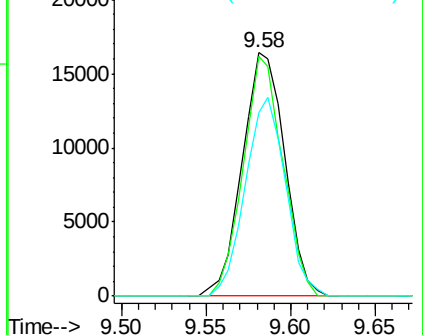


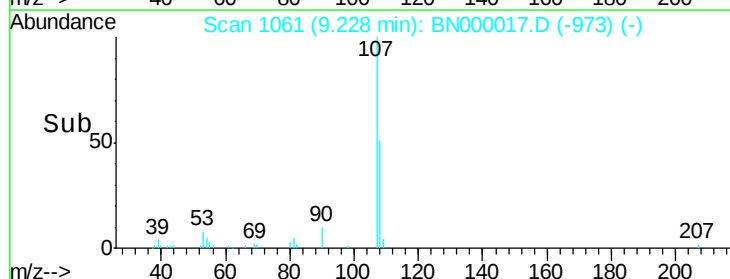
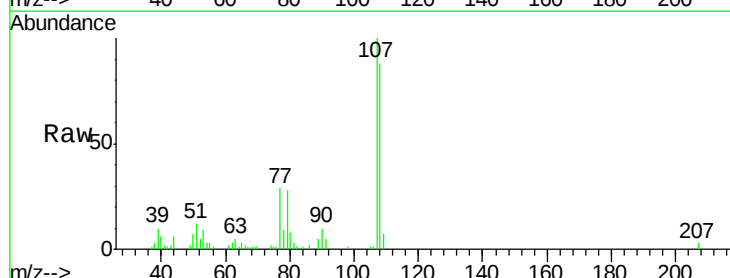
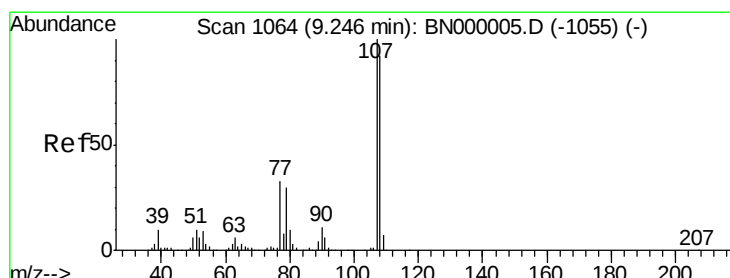
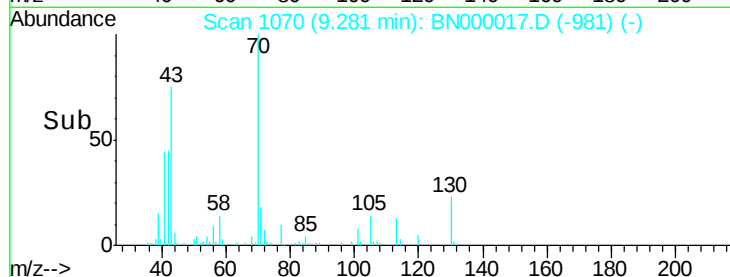
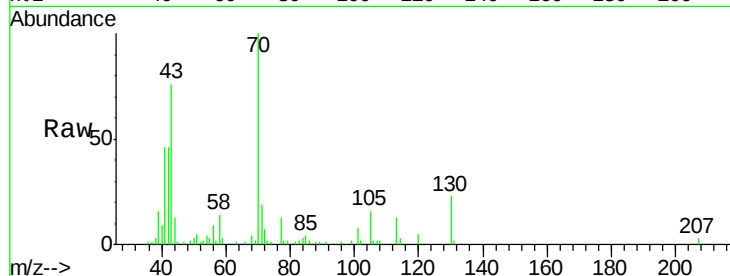
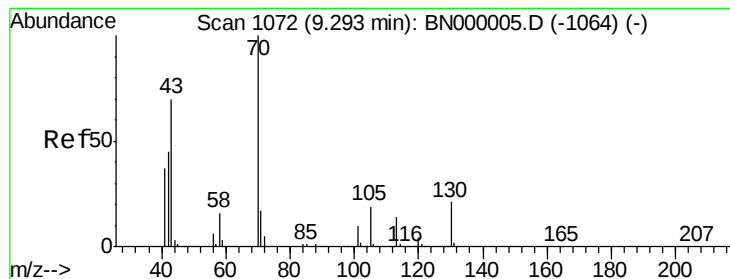
#18
Hexachloroethane
Concen: 3.398 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion:	117	Resp:	28751
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.7	115.1
201	75.2	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.682 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.2	49.1	73.7#	
101	7.9	8.5	12.7#	
130	22.7	13.4	20.0#	

Instrument :

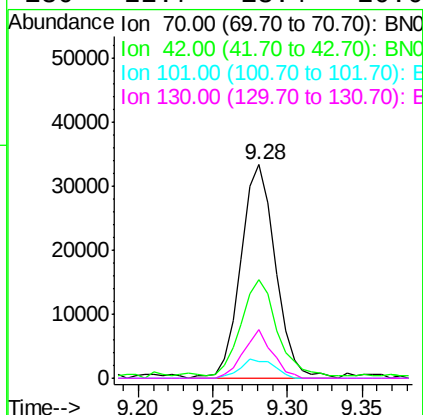
BNA_N

ClientSampled :

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#20

3+4-Methylphenols

Concen: 2.672 ng

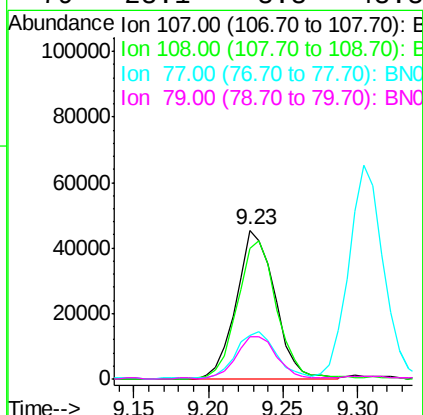
RT: 9.23 min Scan# 1061

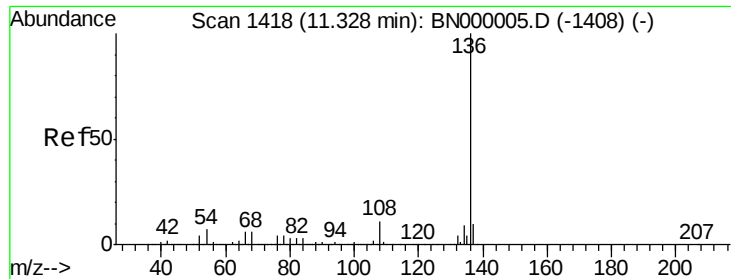
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	61.6	101.6	
77	29.3	13.9	53.9	
79	28.1	8.8	48.8	





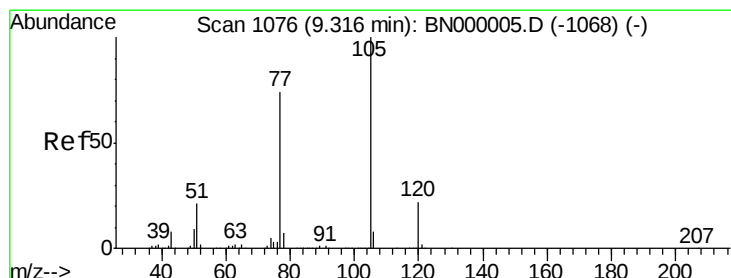
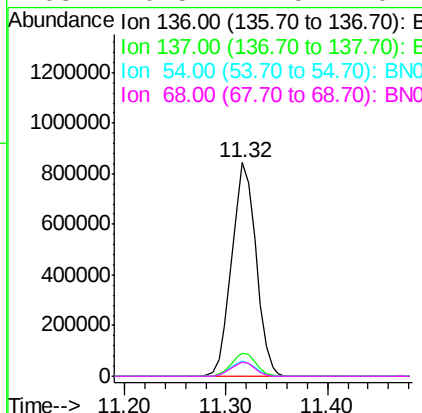
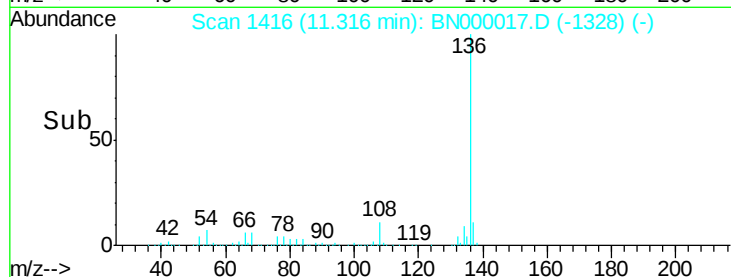
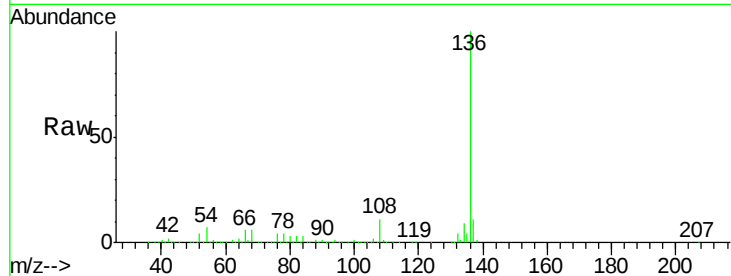
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion	136	Resp	1407395
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.4	10.3	15.5#
68	6.5	4.5	6.7

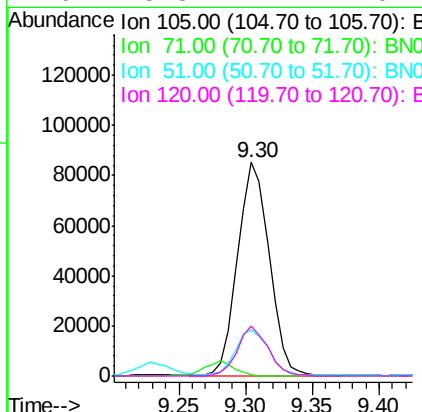
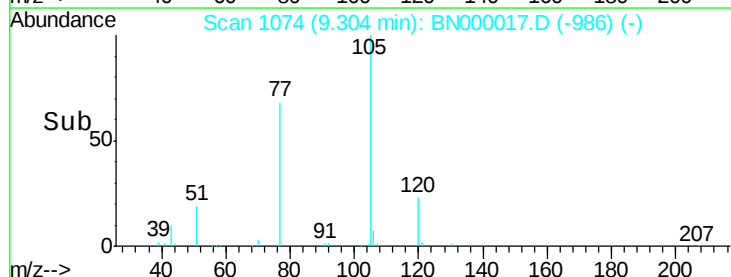
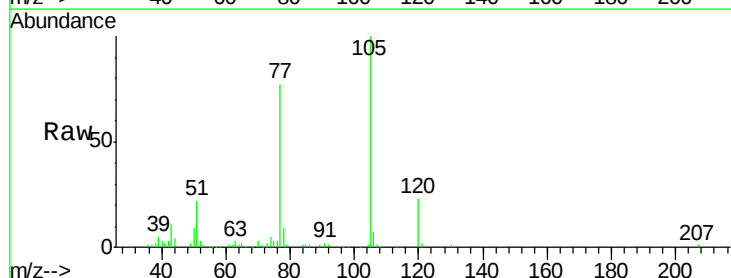
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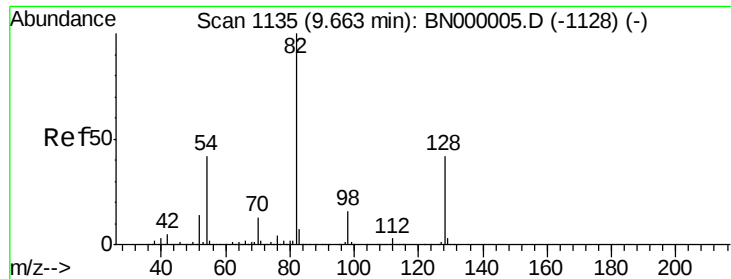
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#22
Acetophenone
Concen: 3.396 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	105	Resp	141152
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	21.7	26.1	39.1#
120	23.3	17.4	26.2





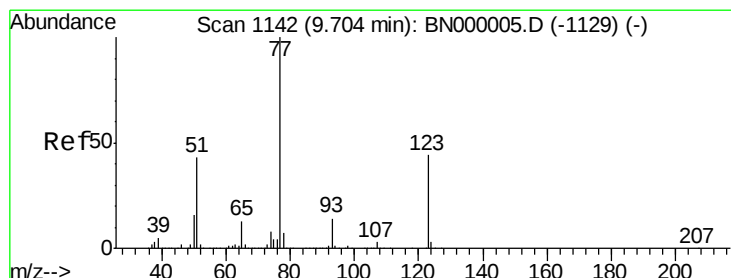
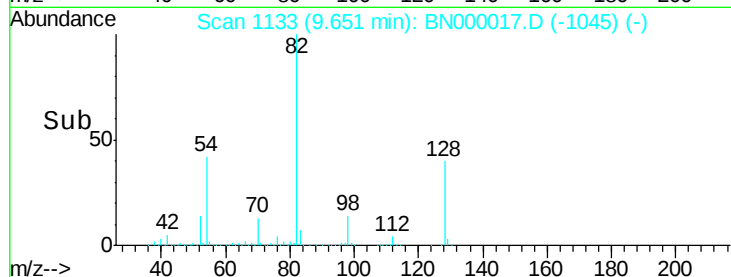
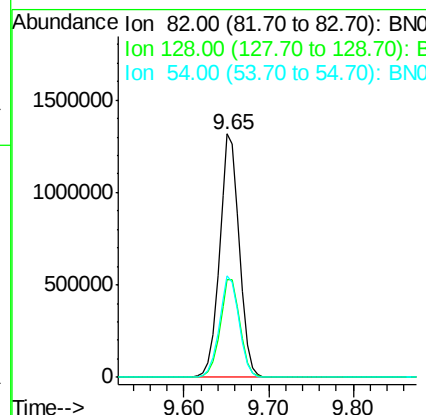
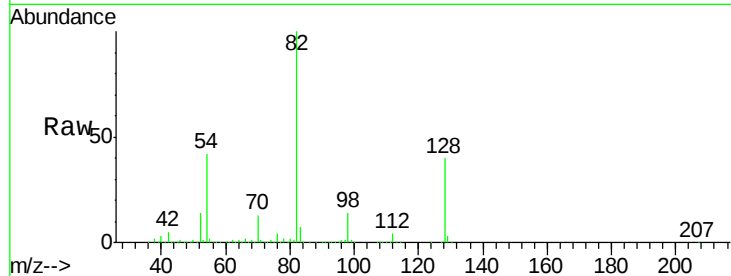
#23
 Nitrobenzene-d5
 Concen: 92.001 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

Tot Ion	82	Resp	2141292
Ion Ratio	100	Lower	Upper
82	100		
128	40.2	29.7	44.5
54	41.6	43.1	64.7

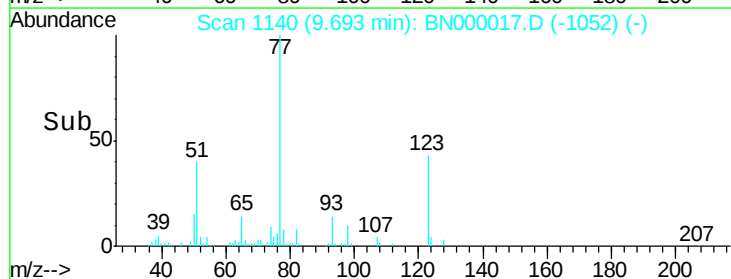
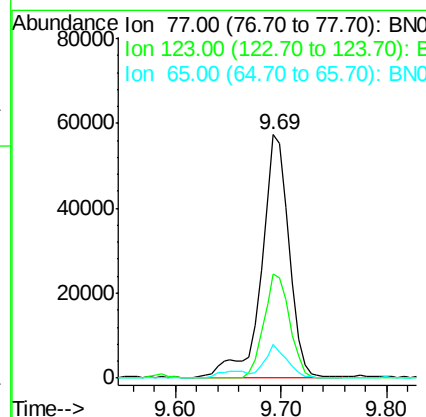
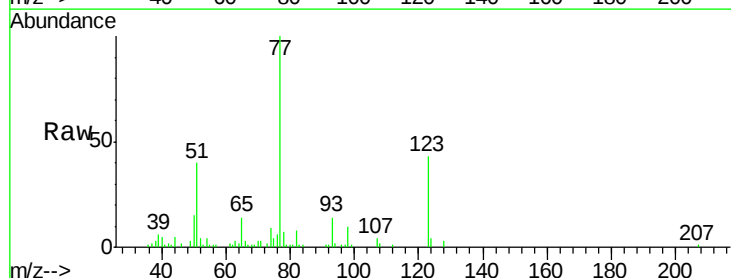
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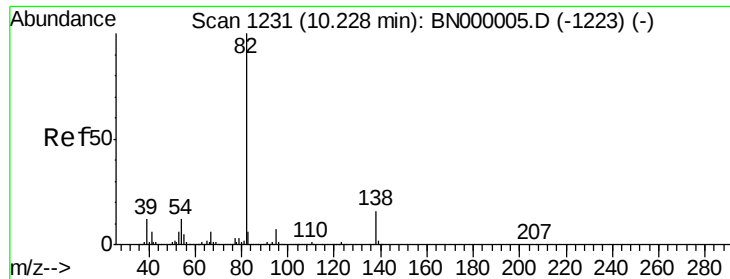
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#24
 Nitrobenzene
 Concen: 4.223 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	77	Resp	105431
Ion Ratio	100	Lower	Upper
77	100		
123	42.7	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 2.756 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

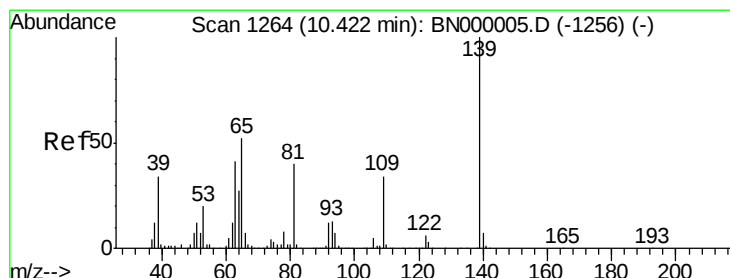
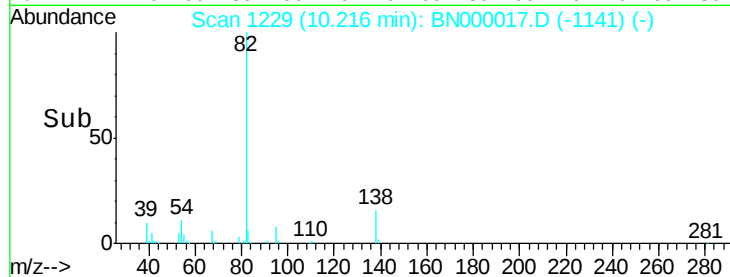
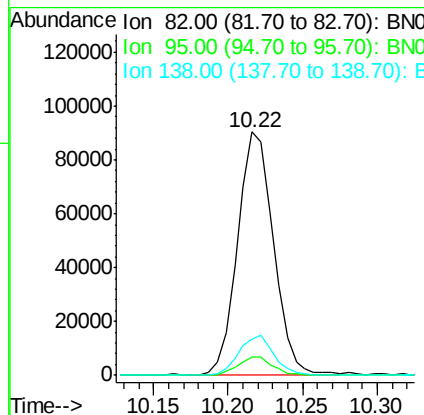
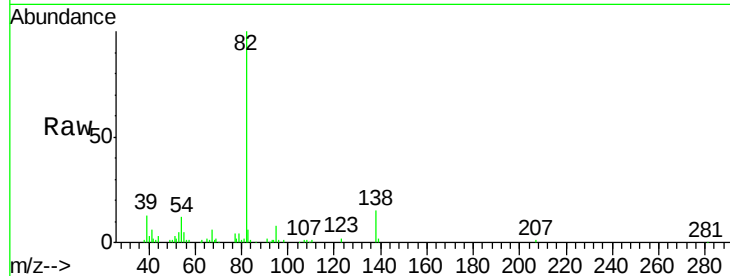
ClientSampleId :

MDL-W-01

Tot Ion:	82	Resp:	151942
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	15.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 2.097 ng

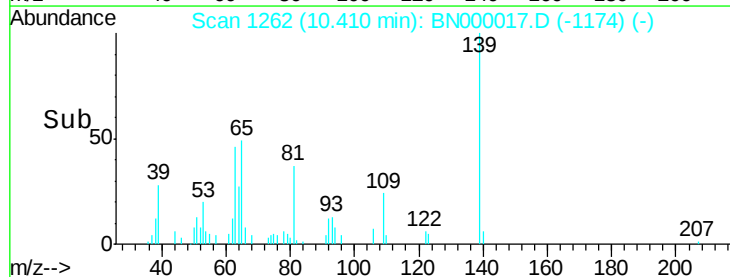
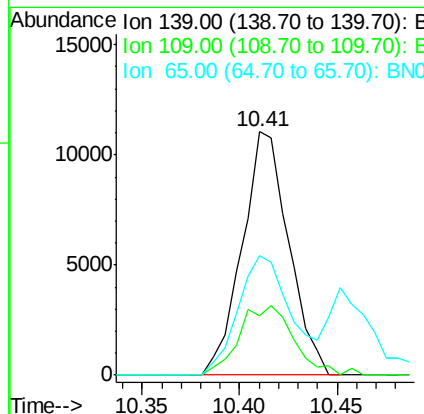
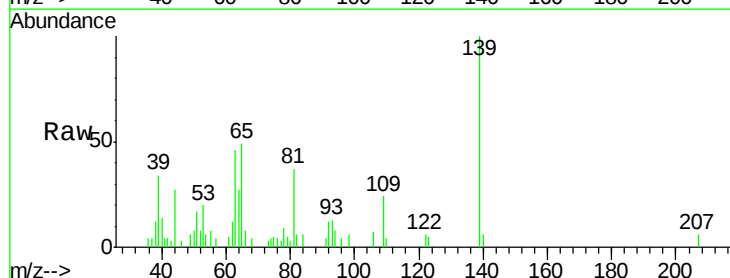
RT: 10.41 min Scan# 1262

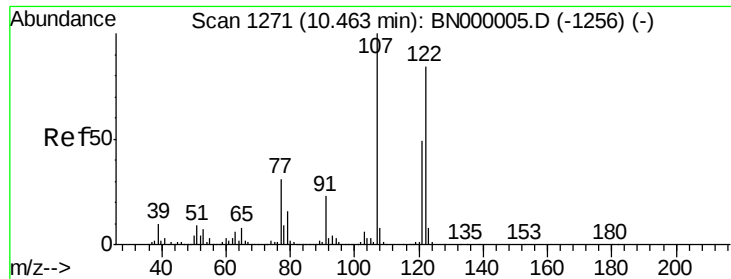
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	139	Resp:	18305
Ion Ratio	Lower	Upper	
139	100		
109	24.5	24.2	36.2
65	49.1	47.4	71.0





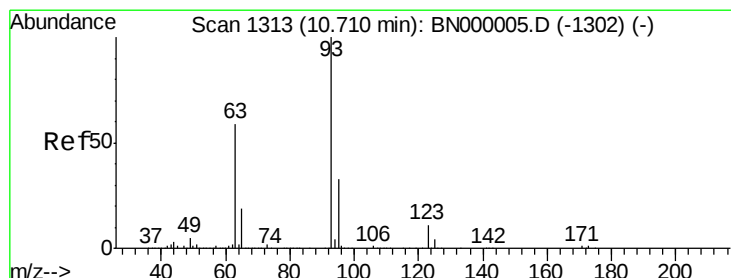
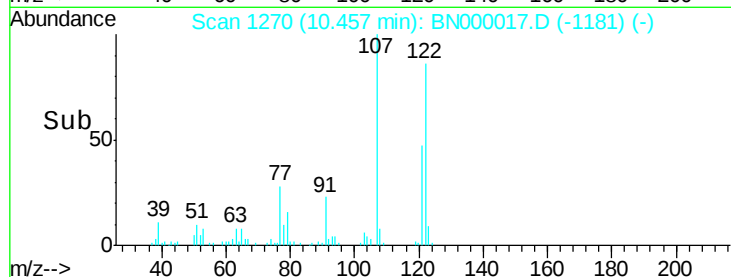
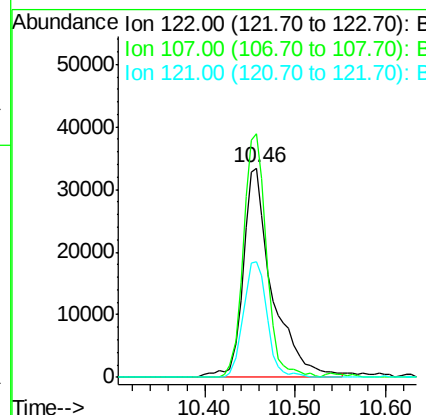
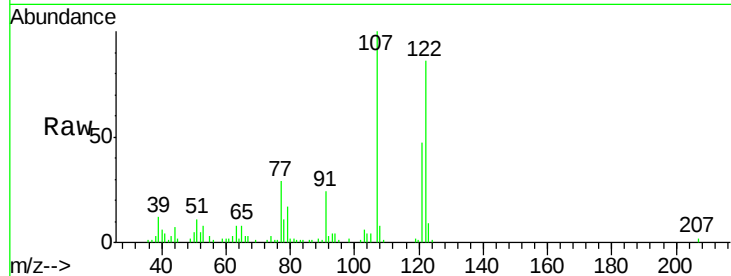
#27
 2,4-Dimethylphenol
 Concen: 3.309 ng
 RT: 10.46 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		74807		
107	116.5	100.2		150.2	
121	55.1	44.4		66.6	

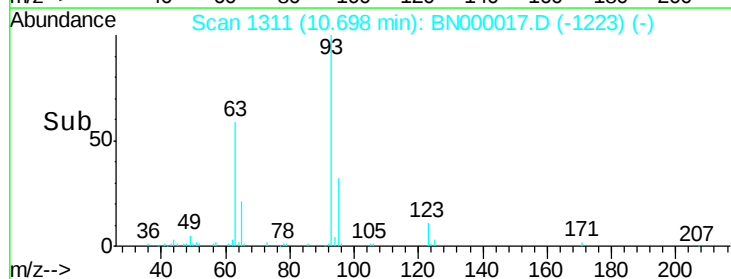
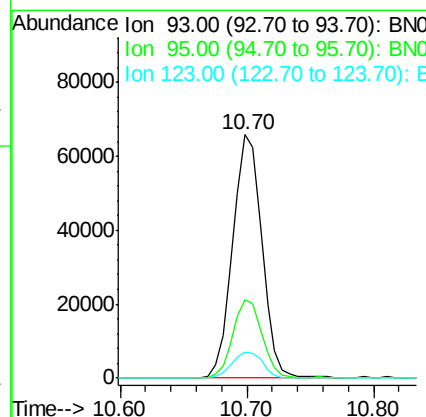
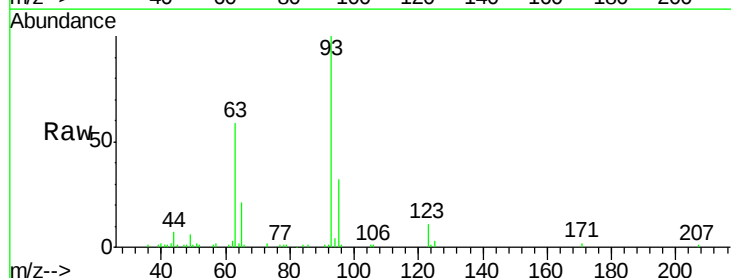
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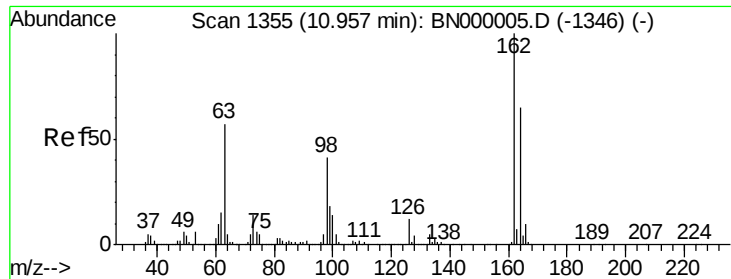
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 3.302 ng
 RT: 10.70 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		104999		
95	32.2	24.3		36.5	
123	10.9	8.4		12.6	





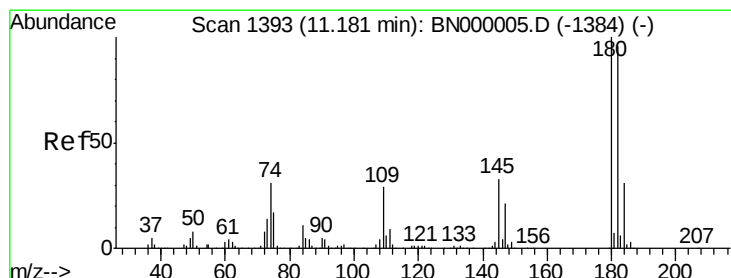
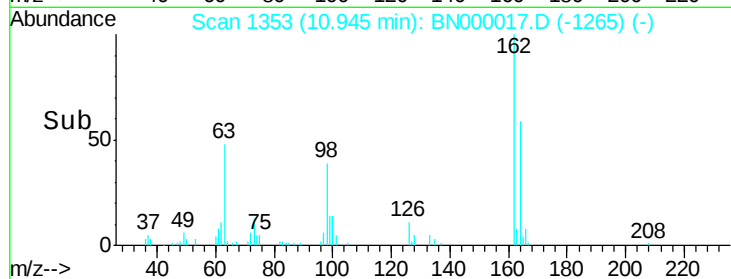
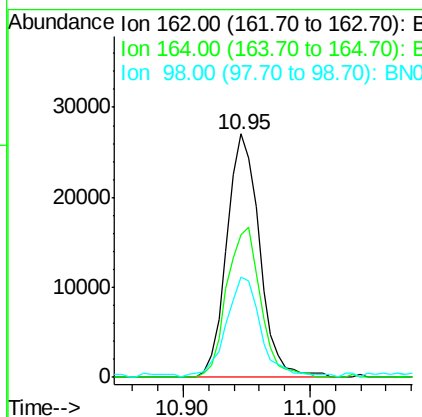
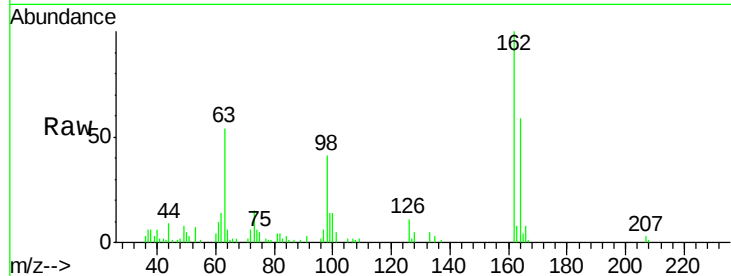
#29
2,4-Dichlorophenol
Concen: 2.494 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.7	48.0	88.0
98	41.1	21.1	61.1

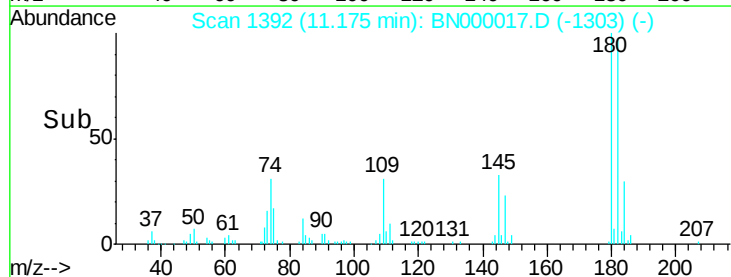
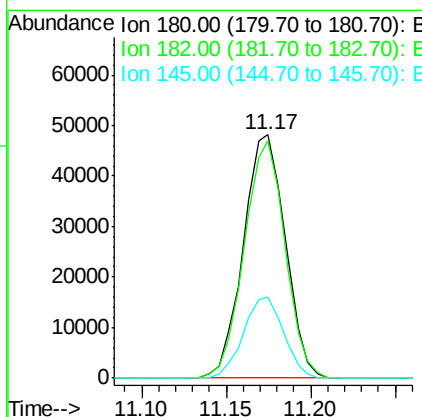
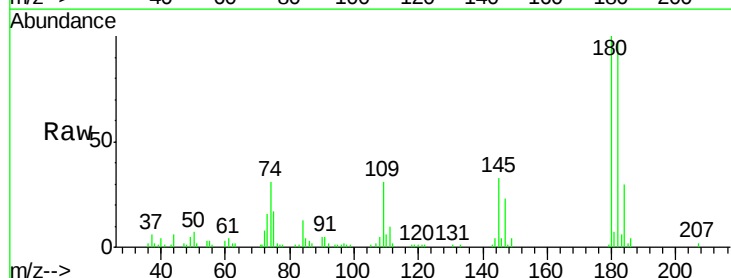
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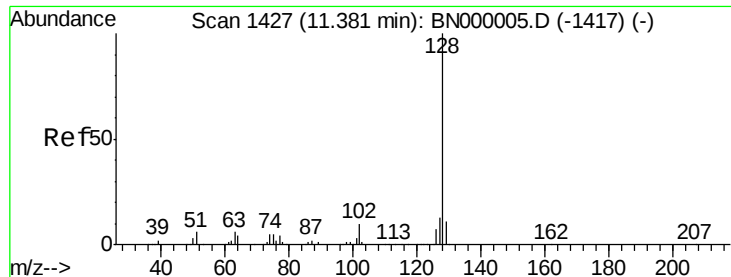
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#30
1,2,4-Trichlorobenzene
Concen: 3.664 ng
RT: 11.17 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	33.5	23.4	35.2





#31

Naphthalene

Concen: 3.704 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

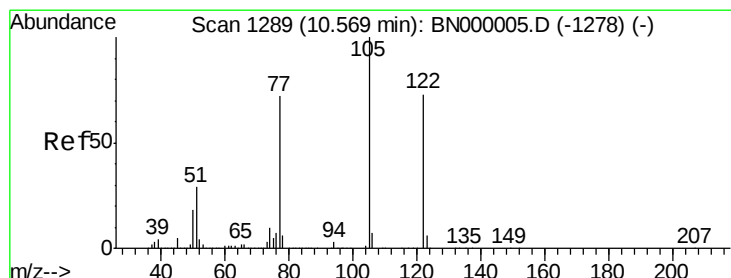
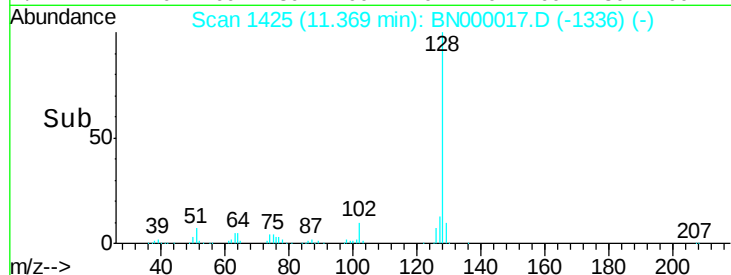
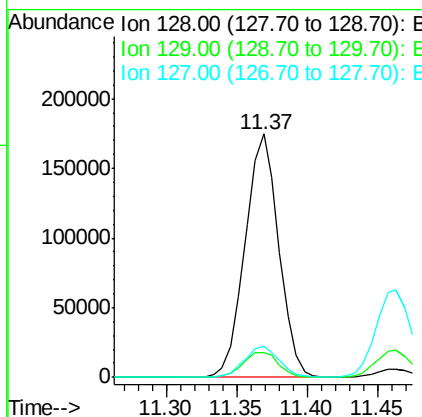
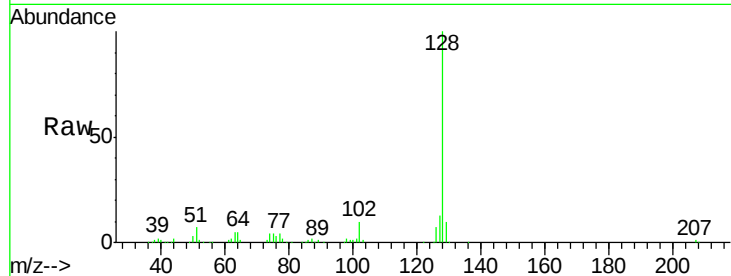
ClientSampled :

MDL-W-01

Tot Ion:	128	Resp:	292399
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.6	12.8
127	12.8	11.6	17.4

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#32

Benzoic acid

Concen: 7.244 ng m

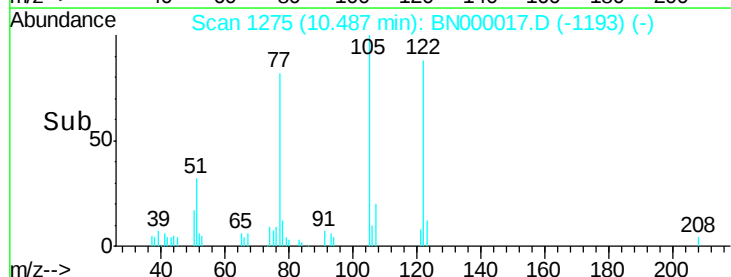
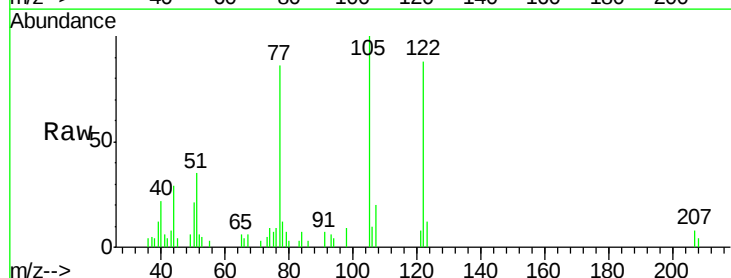
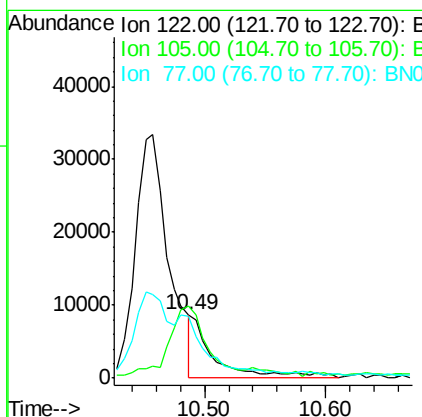
RT: 10.49 min Scan# 1275

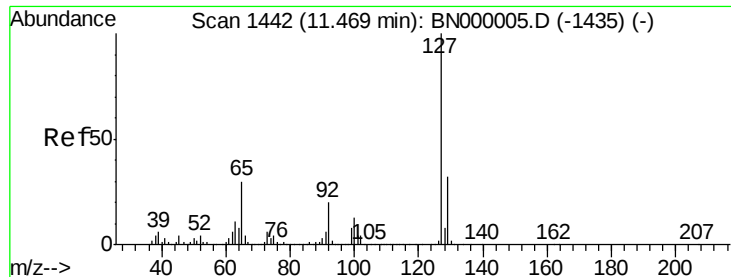
Delta R.T. -0.05 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	122	Resp:	11027
Ion Ratio	Lower	Upper	
122	100		
105	114.0	123.5	163.5#
77	98.3	85.7	125.7





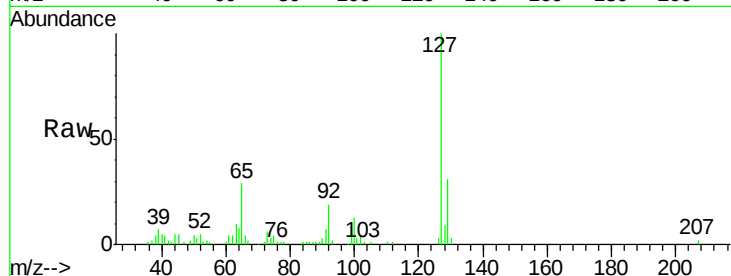
#33
4-Chloroaniline
Concen: 3.022 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

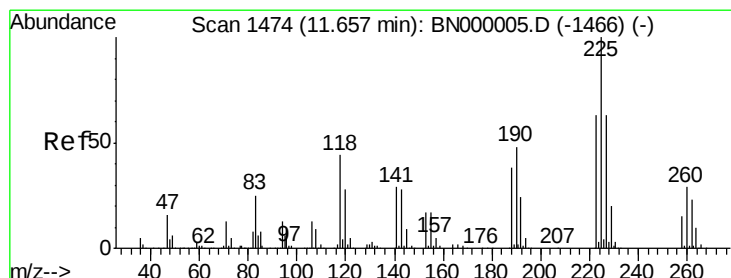
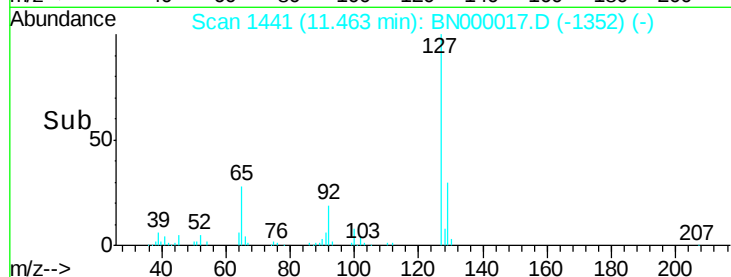
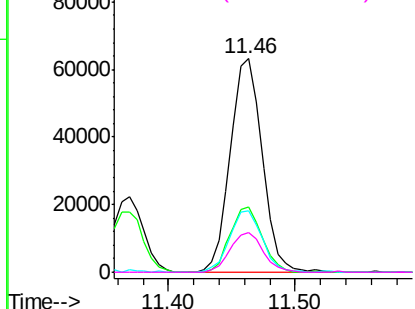
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	24.0	36.0	
65	28.8	27.0	40.4	
92	18.8	16.6	25.0	

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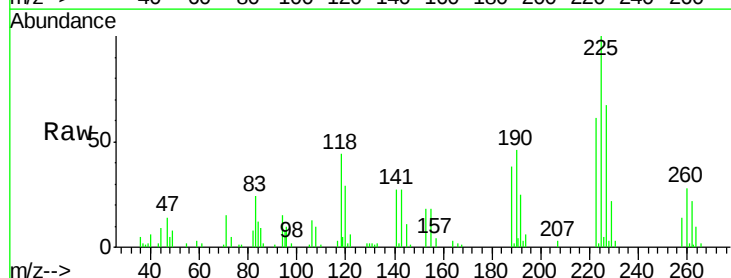


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

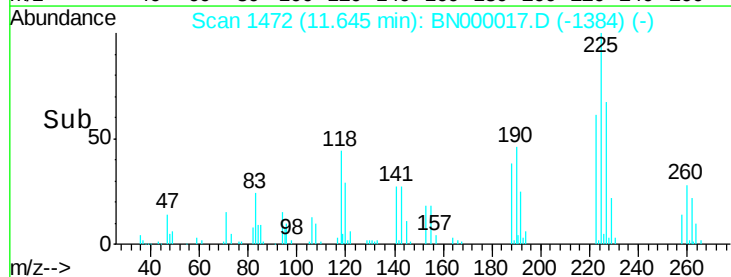
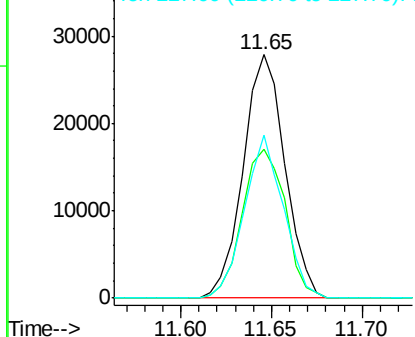


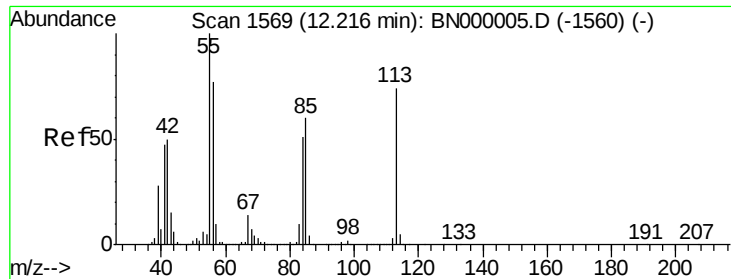
#34
Hexachlorobutadiene
Concen: 3.854 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	49.7	74.5	
227	67.0	48.1	72.1	



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





#35

Caprolactam

Concen: 1.851 ng

RT: 12.18 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

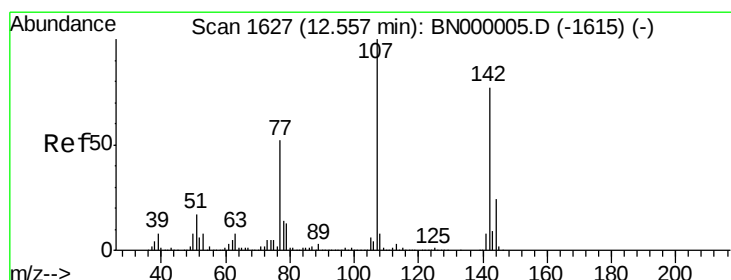
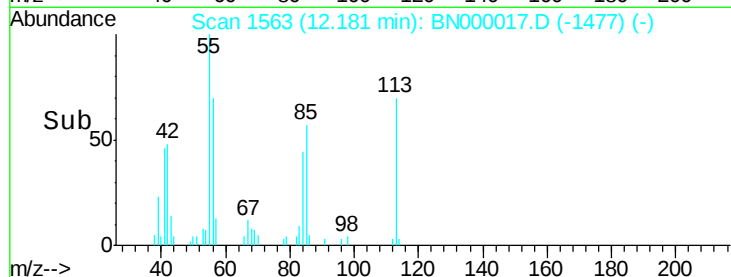
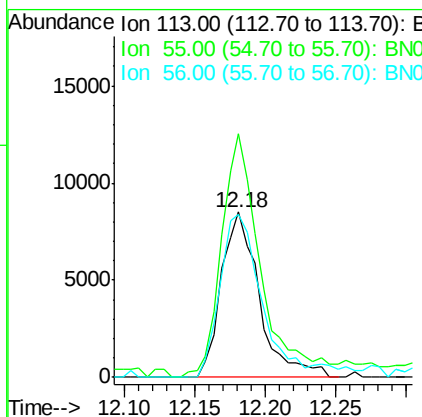
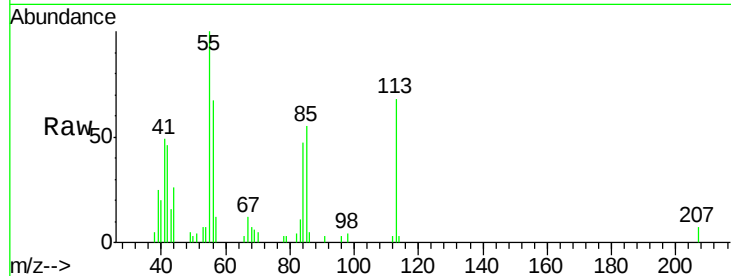
ClientSampled :

MDL-W-01

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.6	120.0	160.0
56	99.0	90.0	130.0

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#36

4-Chloro-3-methylphenol

Concen: 2.291 ng

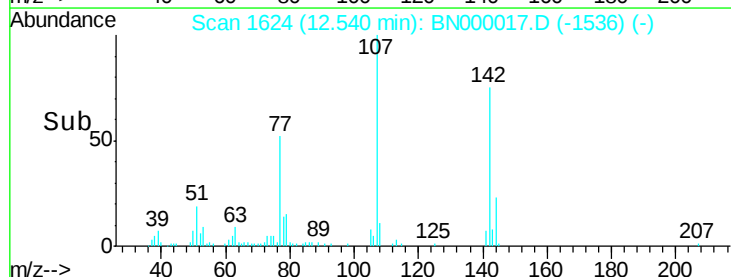
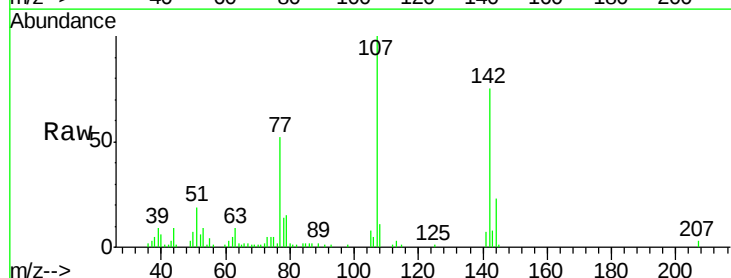
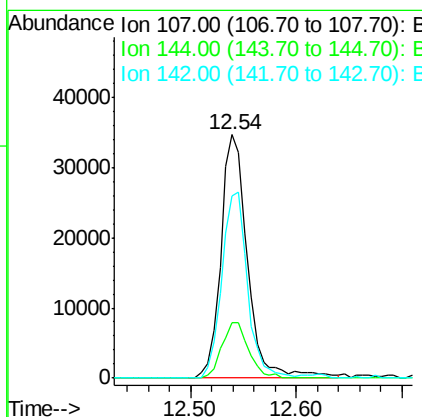
RT: 12.54 min Scan# 1624

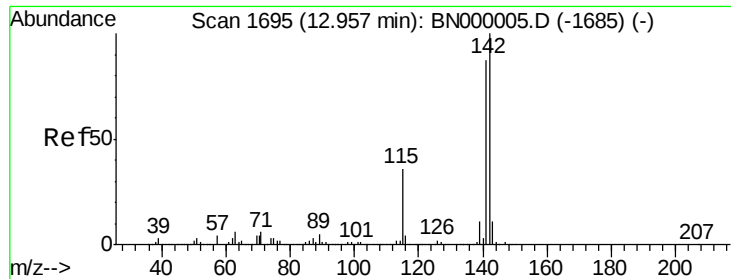
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.2	27.4
142	74.6	59.0	88.4





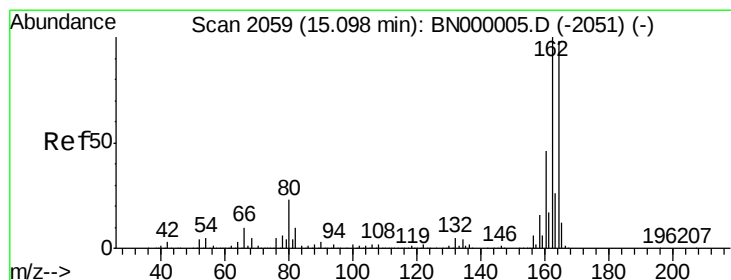
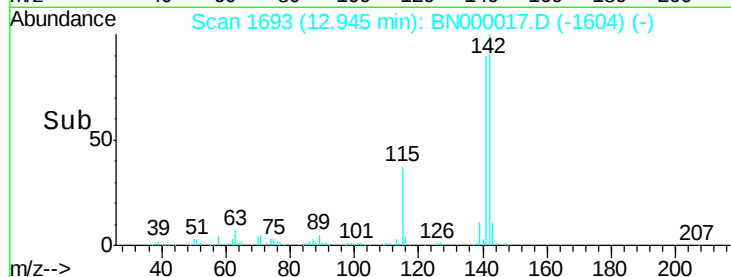
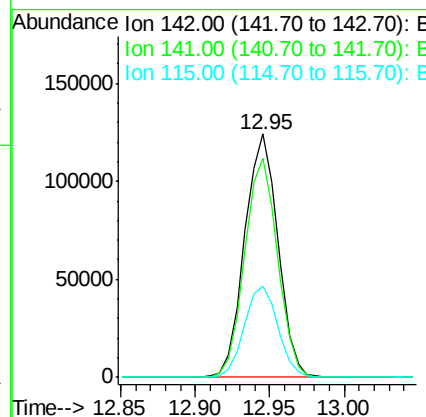
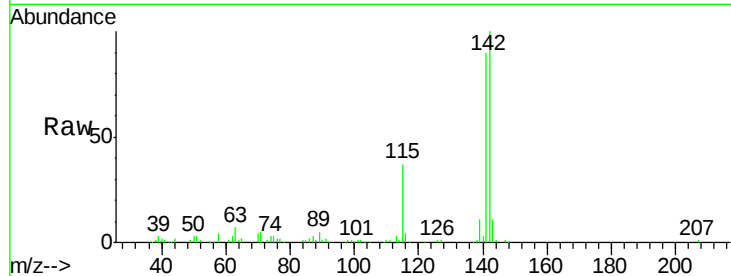
#37
2-Methylnaphthalene
Concen: 3.426 ng
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.1	100.7
115	37.3	30.7	46.1

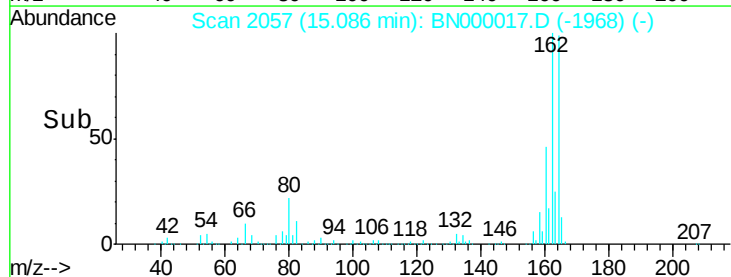
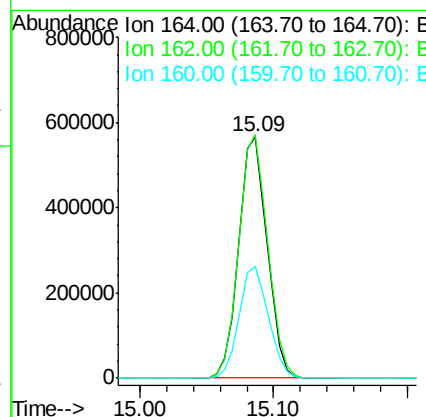
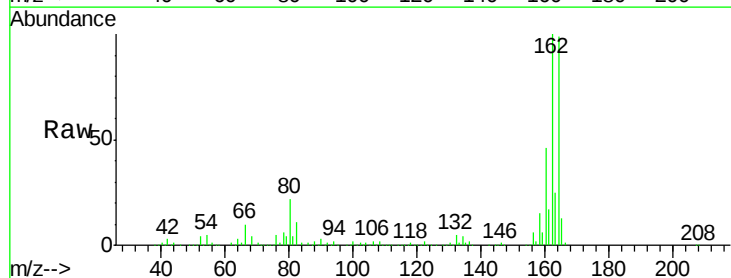
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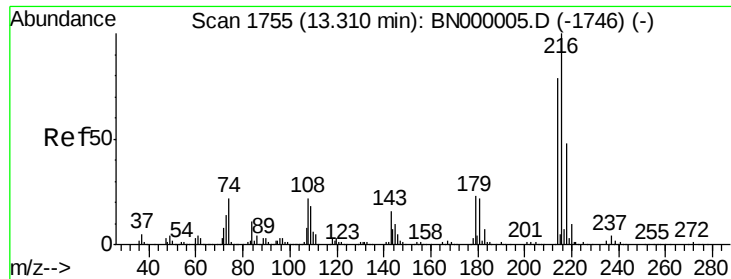
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.1	35.4	53.0





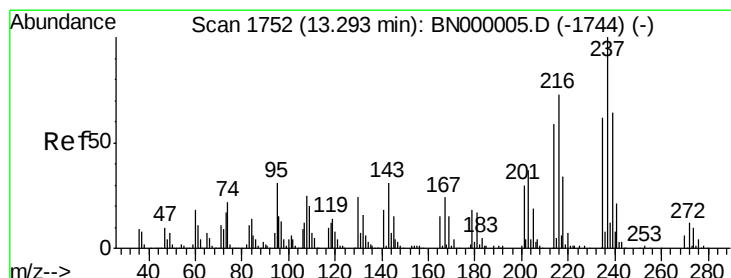
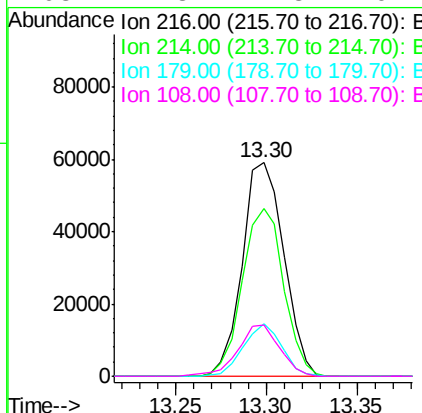
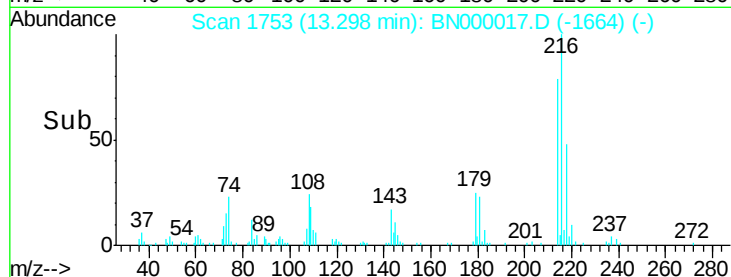
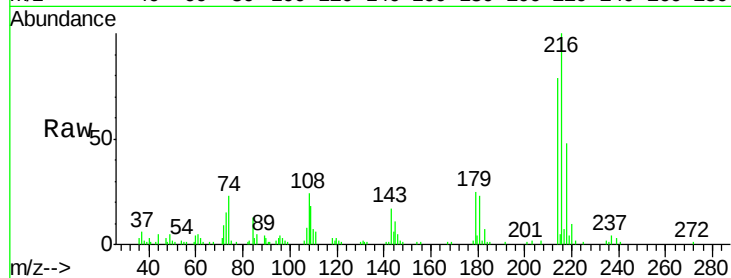
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.855 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Tot Ion:	216	Resp:	94041
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	23.0	17.0	25.6
108	24.3	12.8	19.2#

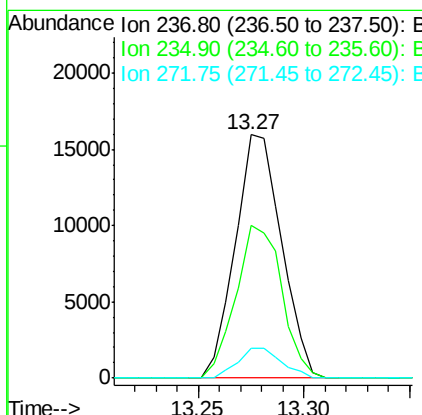
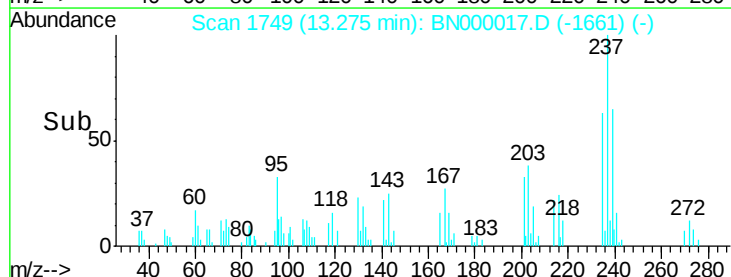
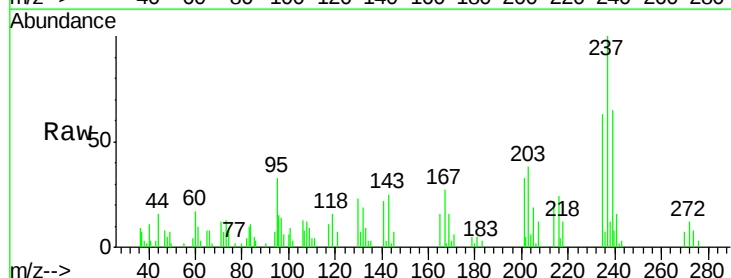
Manual Integrations
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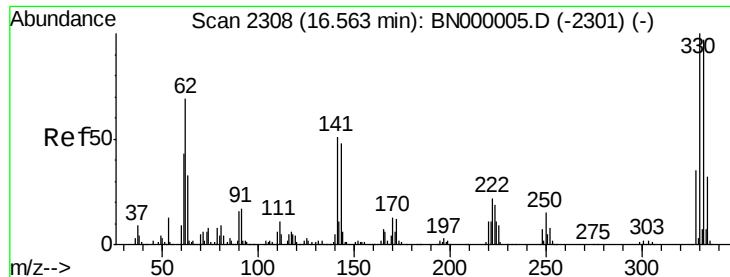
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#40
 Hexachlorocyclopentadiene
 Concen: 2.977 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion:	237	Resp:	24259
Ion Ratio	Lower	Upper	
237	100		
235	62.9	50.4	90.4
272	12.1	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 120.630 ng

RT: 16.56 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

ClientSampled :

MDL-W-01

Tot Ion:330 Resp: 1015595

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

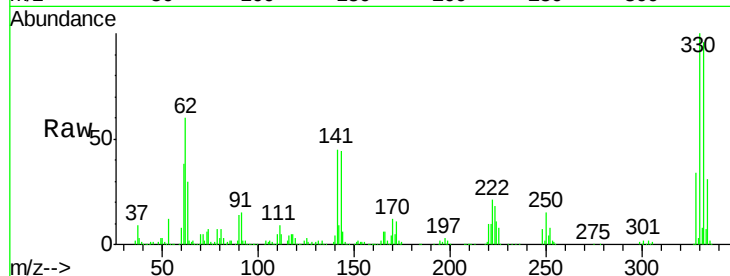
141 51.2 25.2 37.8#

Manual Integrations

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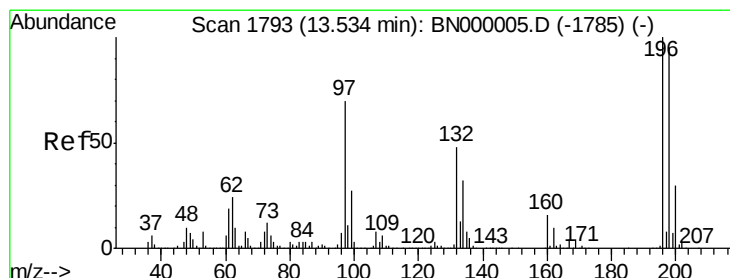
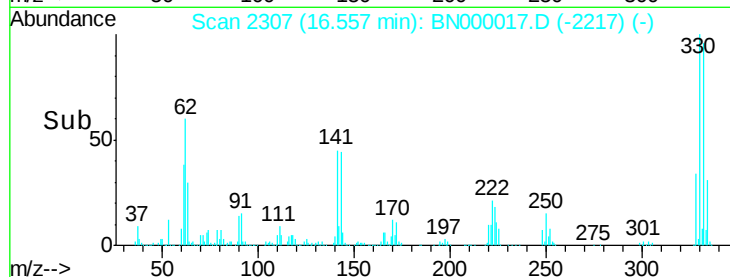
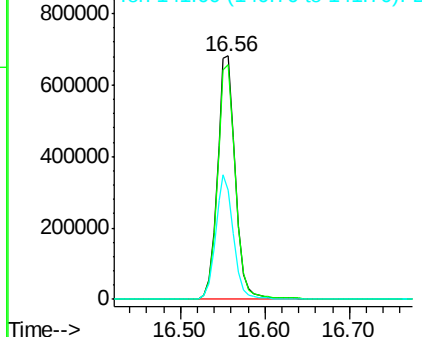
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 2.182 ng

RT: 13.52 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:196 Resp: 31469

Ion Ratio Lower Upper

196 100

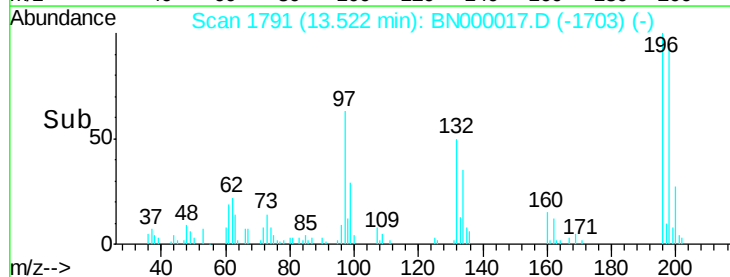
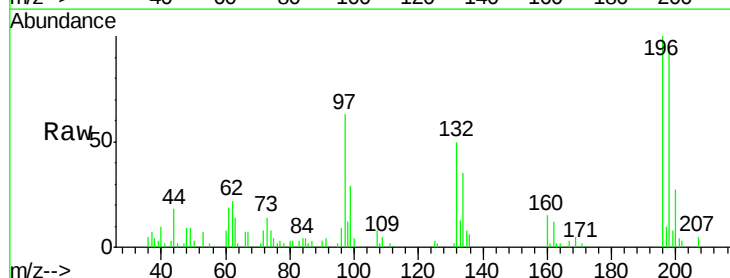
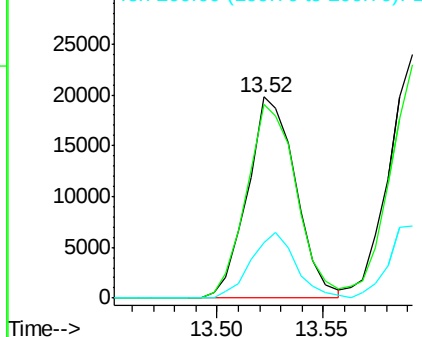
198 96.2 78.2 117.2

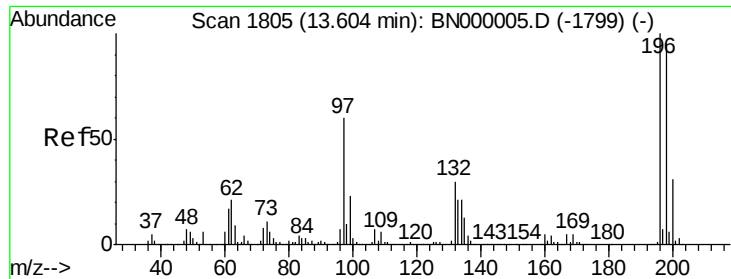
200 27.4 24.6 36.8

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





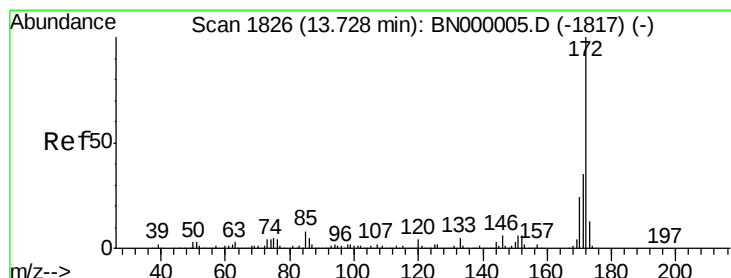
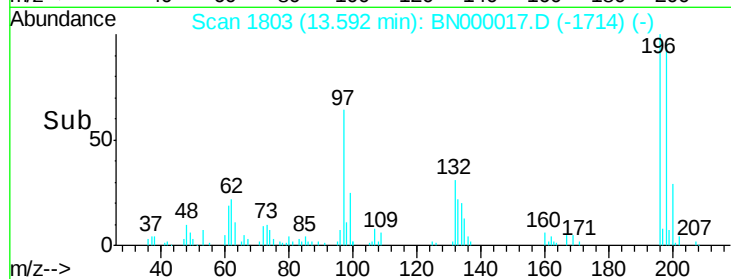
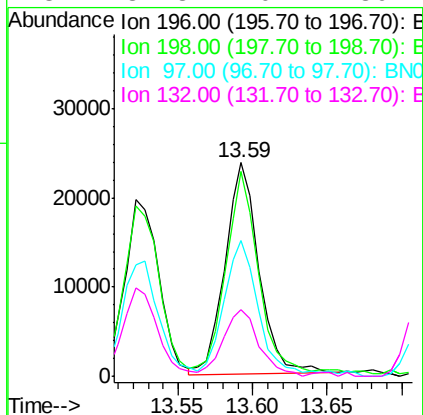
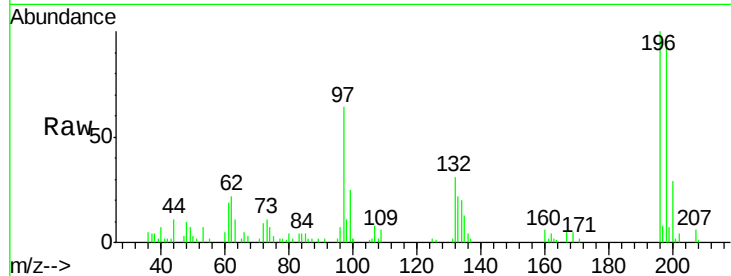
#43
 2,4,5-Trichlorophenol
 Concen: 2.216 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.4
97	63.6	38.7	58.1
132	31.3	20.2	30.2

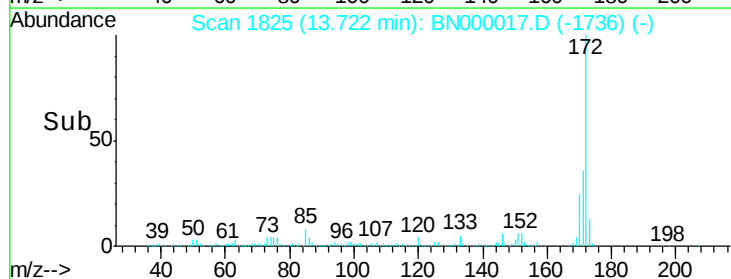
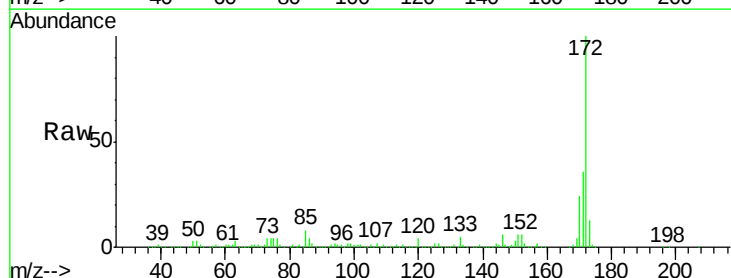
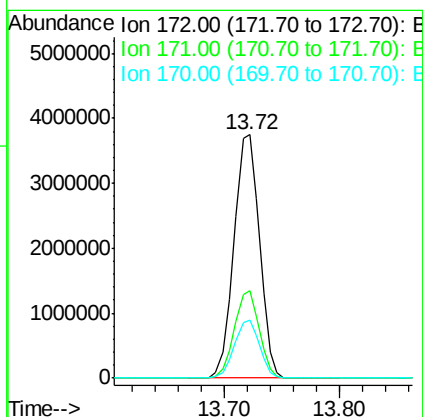
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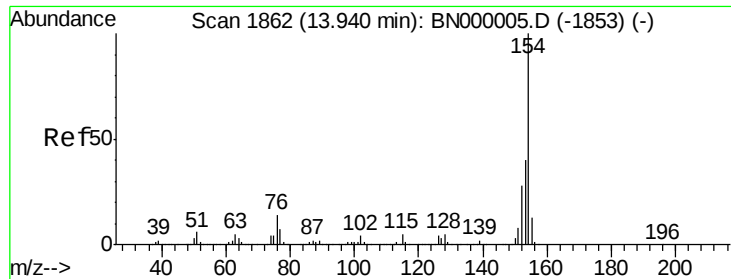
Sohil
 2/6/2018 5:15:38 PM



#44
 2-Fluorobiphenyl
 Concen: 91.530 ng
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.0	19.5	29.3





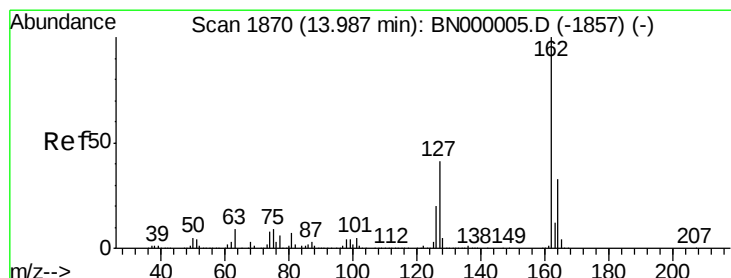
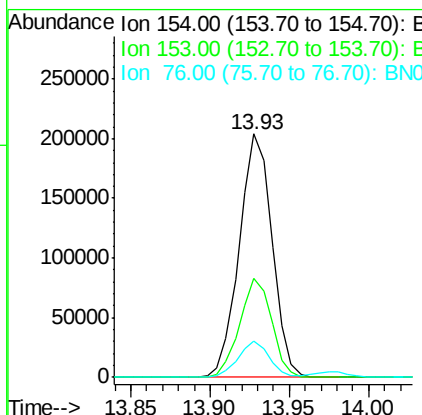
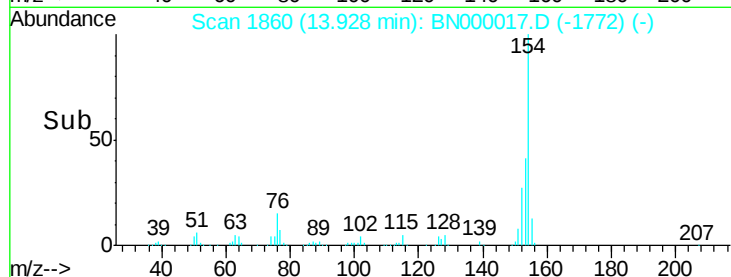
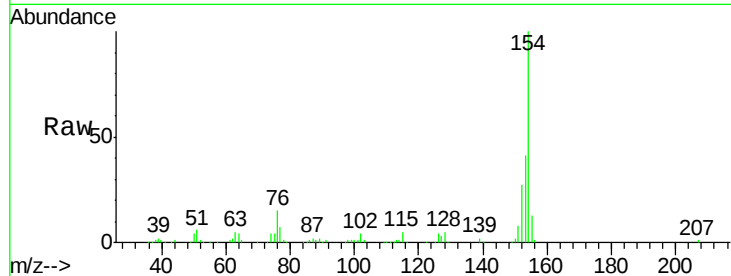
#45
1,1'-Biphenyl
Concen: 3.910 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	14.7	0.0	31.9

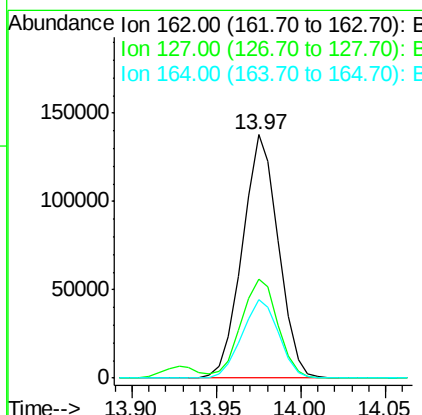
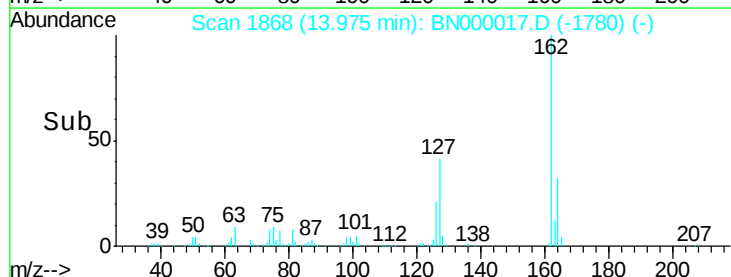
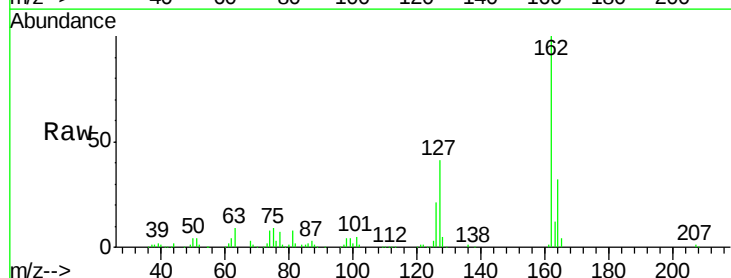
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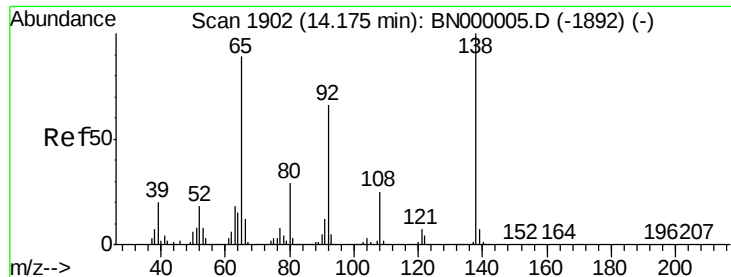
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#46
2-Chloronaphthalene
Concen: 3.638 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	32.1	26.0	39.0





#47

2-Nitroaniline

Concen: 1.752 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

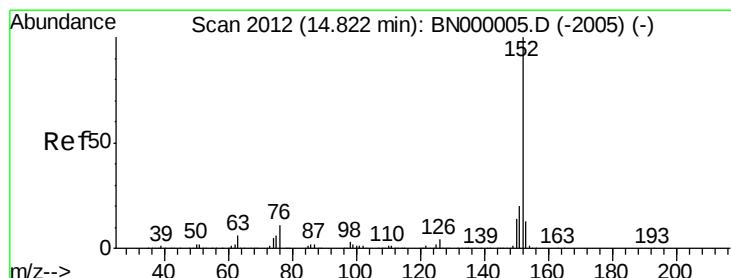
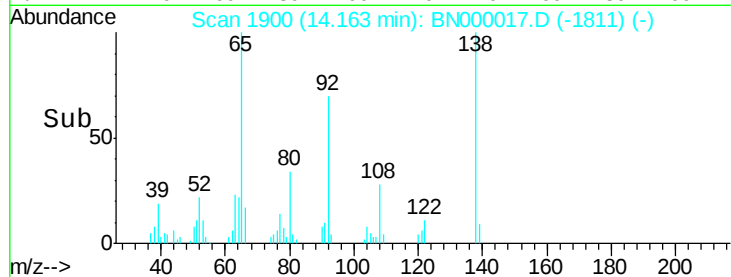
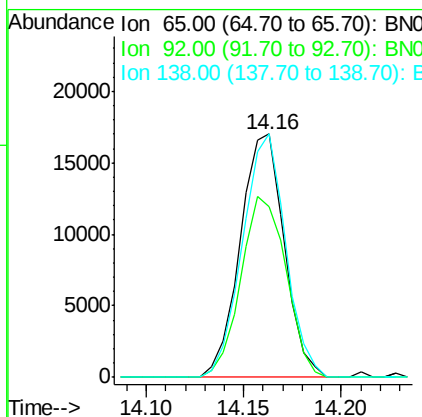
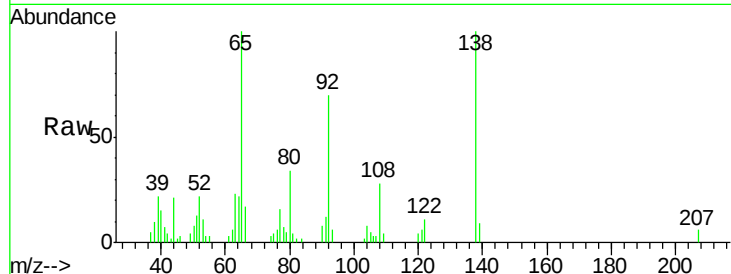
ClientSampleId :

MDL-W-01

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	54.6	82.0
138	99.8	72.9	109.3

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#48

Acenaphthylene

Concen: 3.067 ng

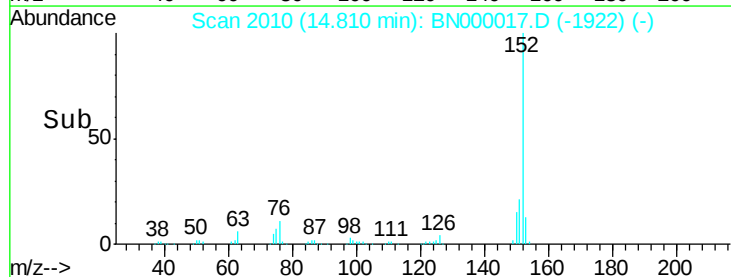
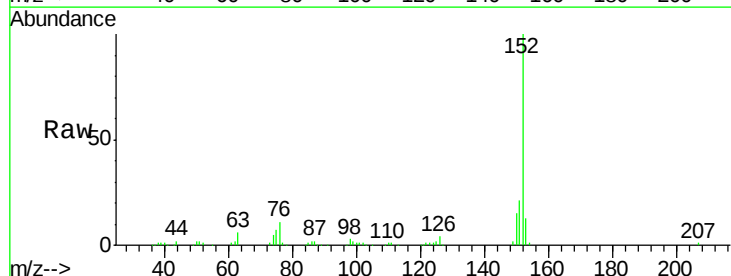
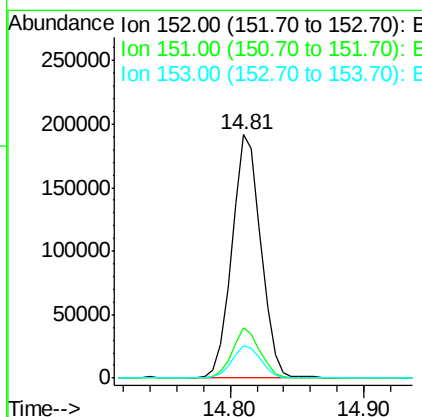
RT: 14.81 min Scan# 2010

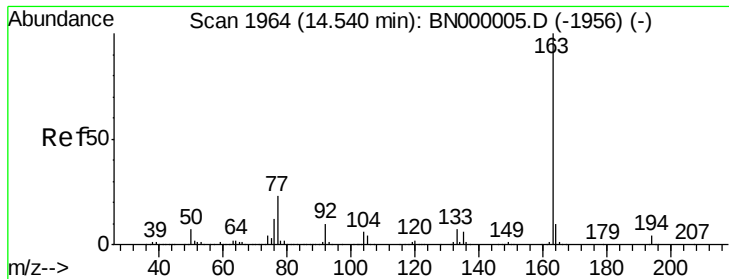
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.2	10.2	15.4





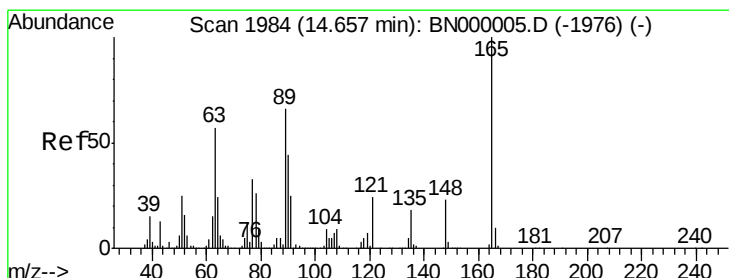
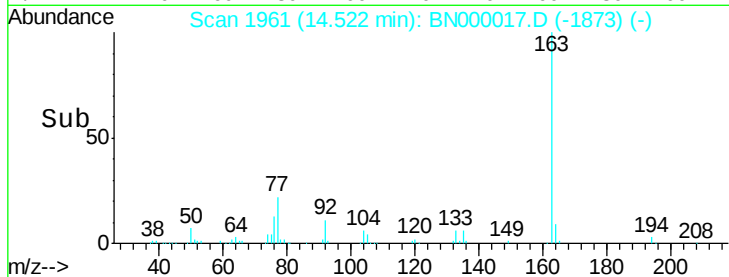
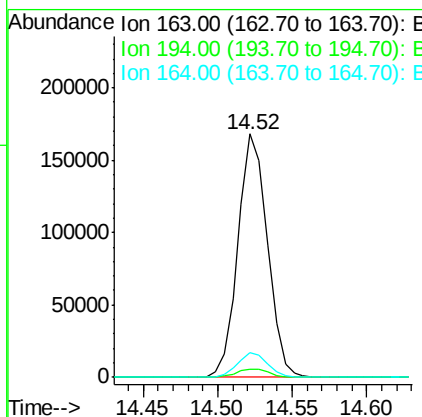
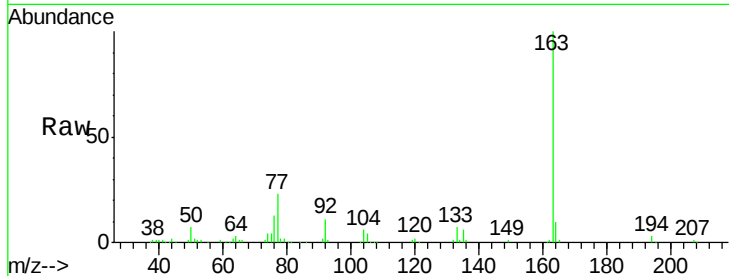
#49
Dimethylphthalate
Concen: 3.099 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	10.1	8.2	12.4

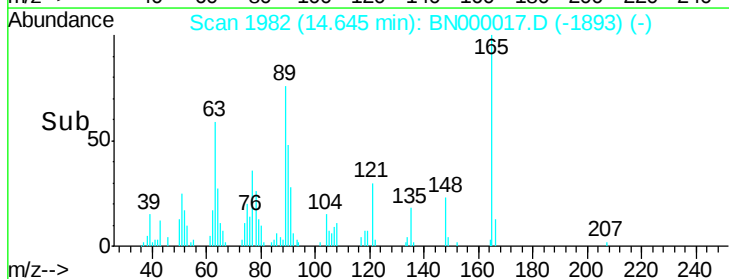
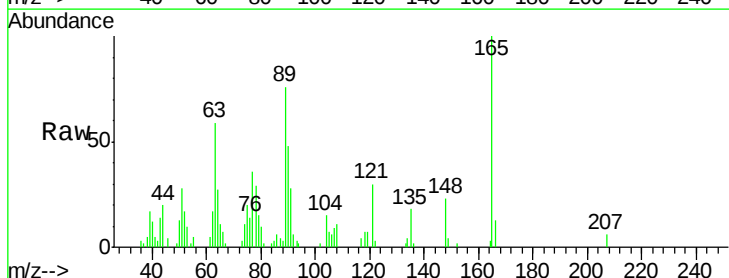
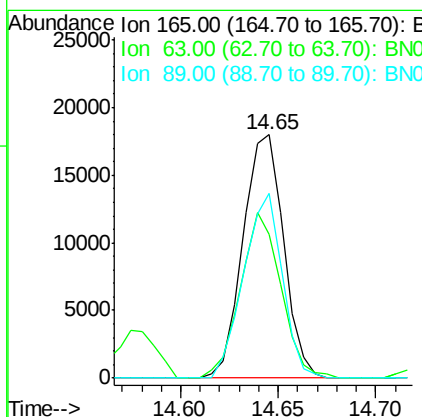
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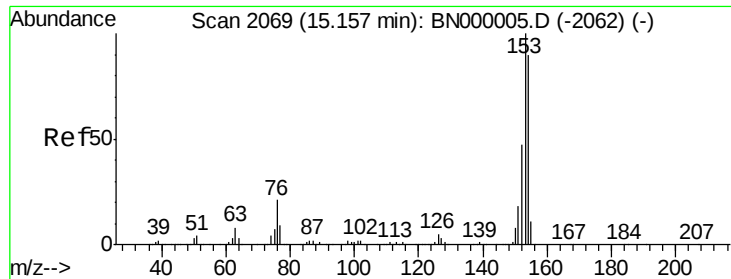
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#50
2,6-Dinitrotoluene
Concen: 1.754 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.1	52.7	79.1
89	76.1	49.2	73.8#





#51

Acenaphthene

Concen: 3.533 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

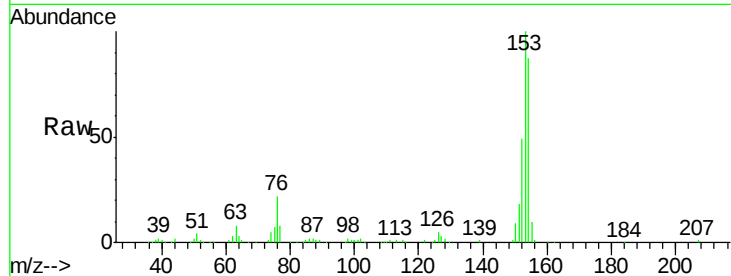
ClientSampled :

MDL-W-01

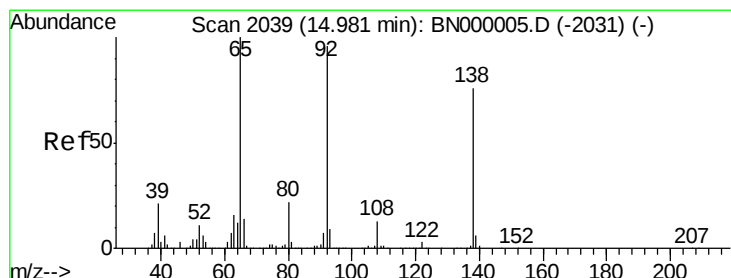
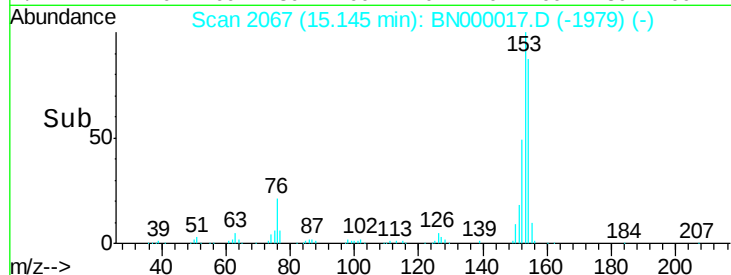
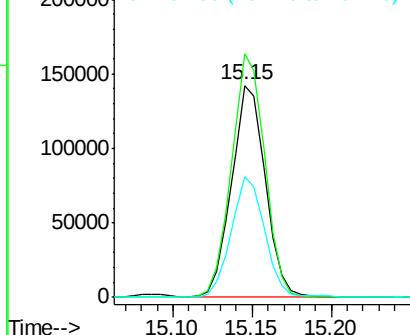
Tot Ion:	154	Resp:	210333
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.4	135.6
152	56.7	41.6	62.4

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



#52

3-Nitroaniline

Concen: 1.740 ng

RT: 14.97 min Scan# 2037

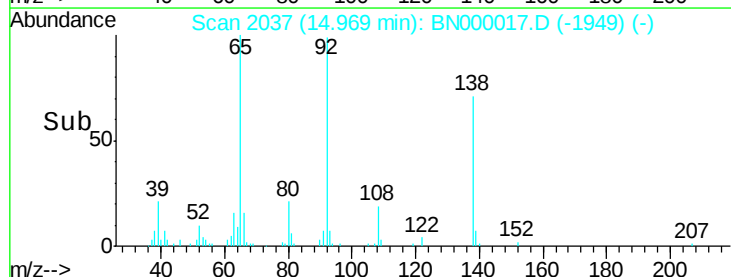
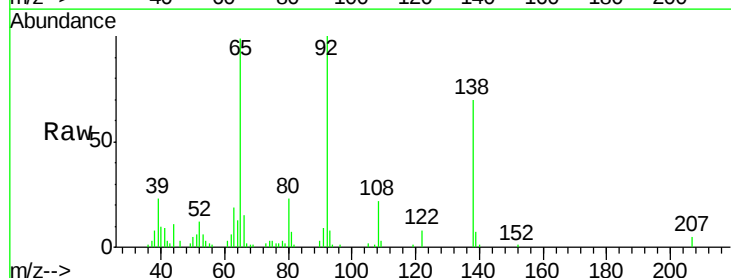
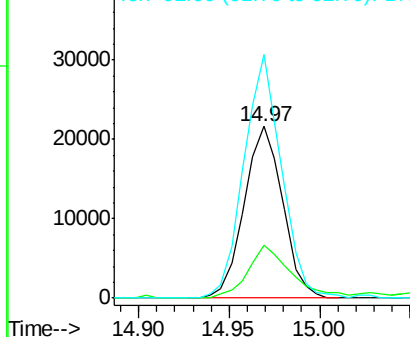
Delta R.T. -0.01 min

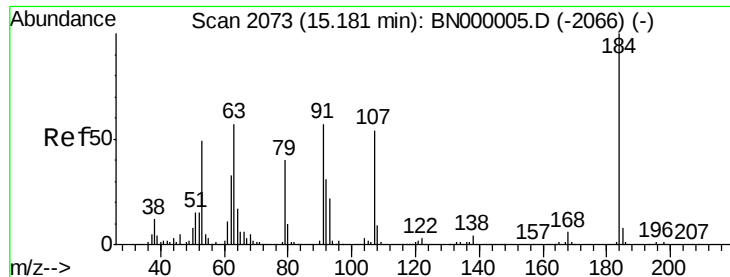
Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	138	Resp:	31831
Ion Ratio	Lower	Upper	
138	100		
108	30.6	17.5	26.3#
92	142.1	105.8	158.8

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





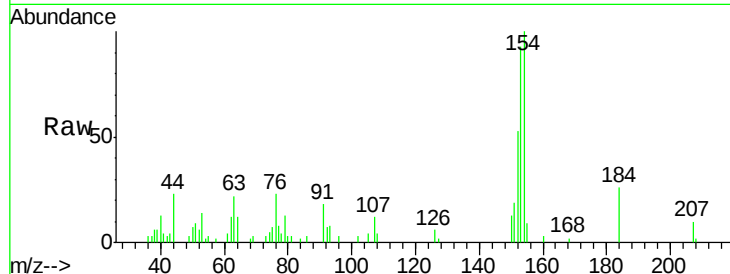
#53
 2,4-Dinitrophenol
 Concen: 6.347 ng
 RT: 15.17 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

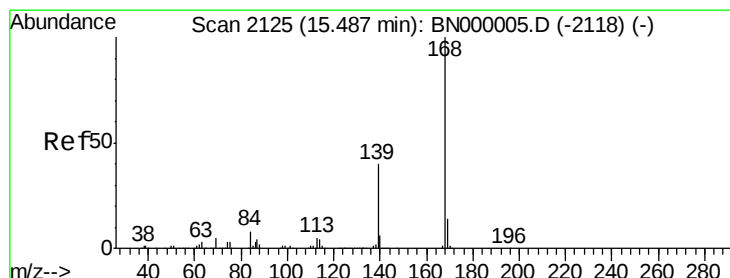
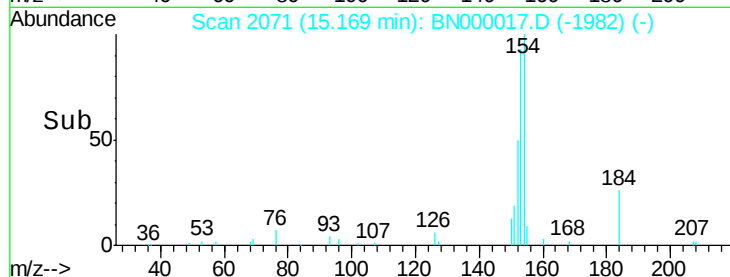
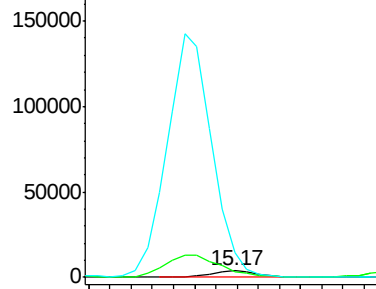
Tot Ion	Ratio	Lower	Upper
184	100		
63	85.8	80.0	120.0
154	386.6	308.0	462.0

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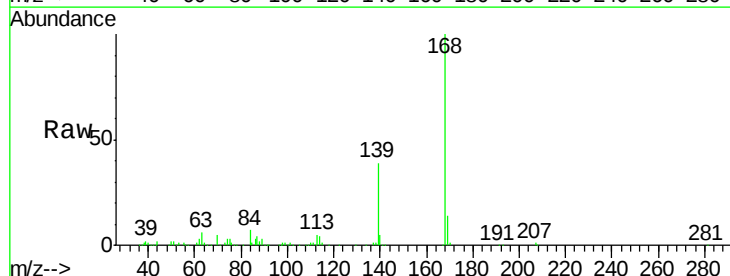


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

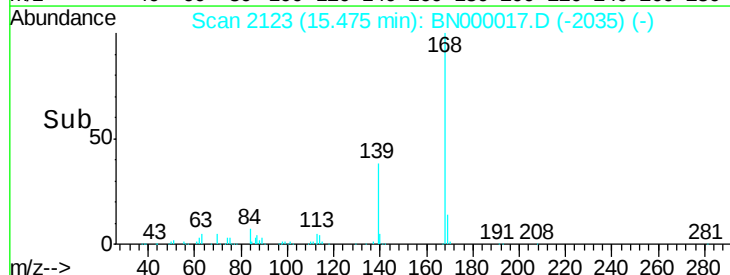
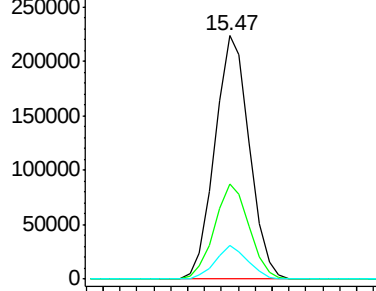


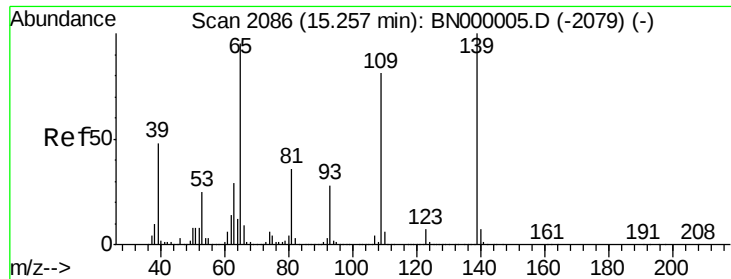
#54
 Dibenzofuran
 Concen: 3.711 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	28.6	43.0
169	14.1	11.2	16.8



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





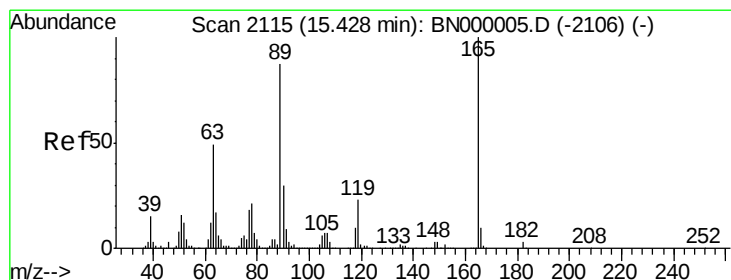
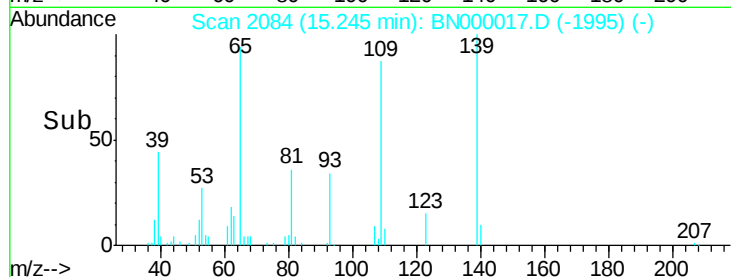
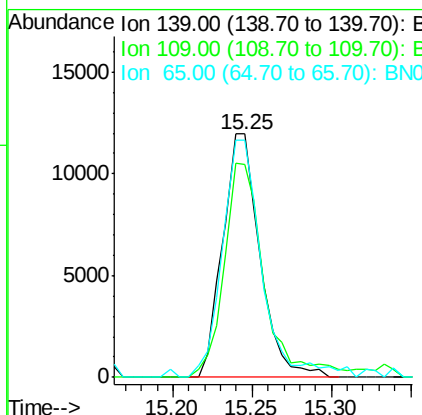
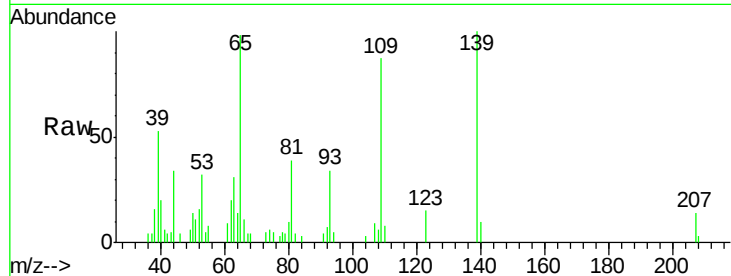
#55
4-Nitrophenol
Concen: 1.417 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.2	62.2	102.2
65	97.6	97.2	137.2

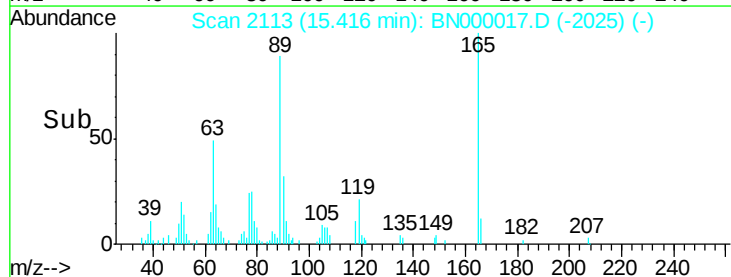
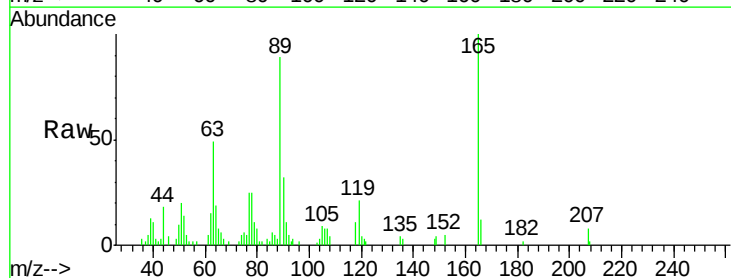
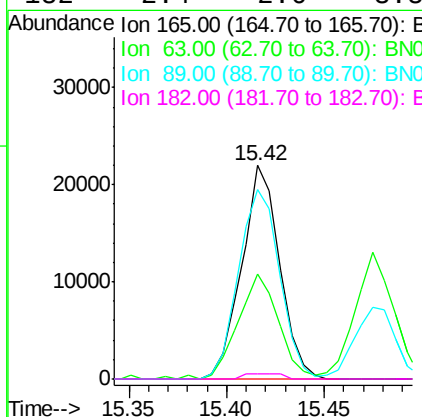
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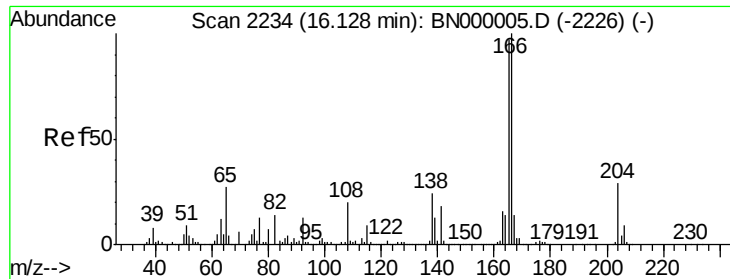
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#56
2,4-Dinitrotoluene
Concen: 1.487 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.2	42.0	63.0
89	88.7	66.9	100.3
182	2.4	2.6	3.8#





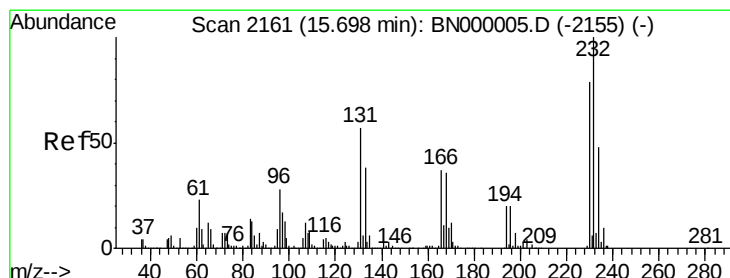
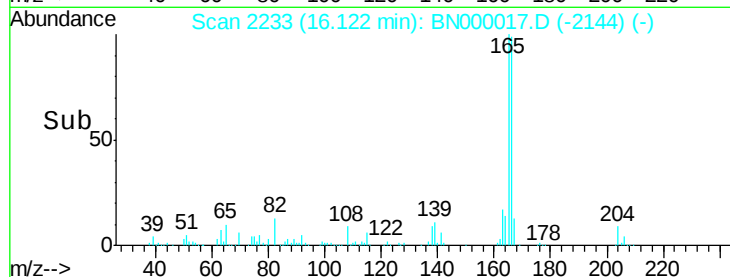
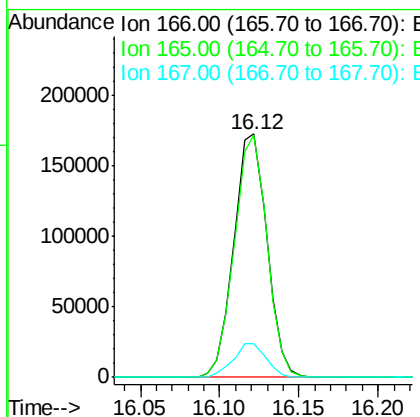
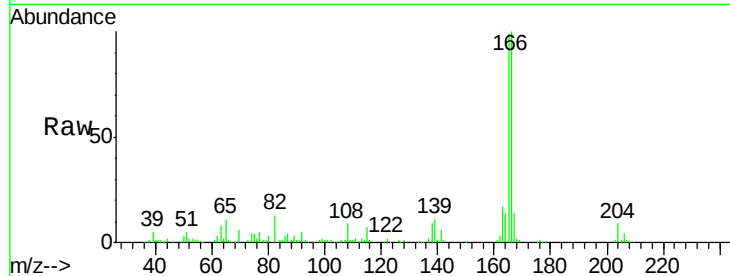
#57
Fluorene
 Concen: 3.486 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Resp	Lower	Upper
166	100	250715		
165	99.4	80.6	121.0	
167	13.7	10.4	15.6	

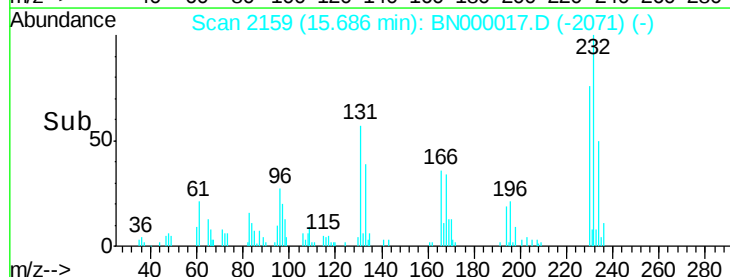
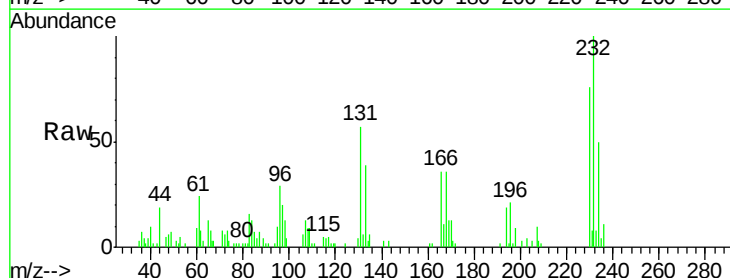
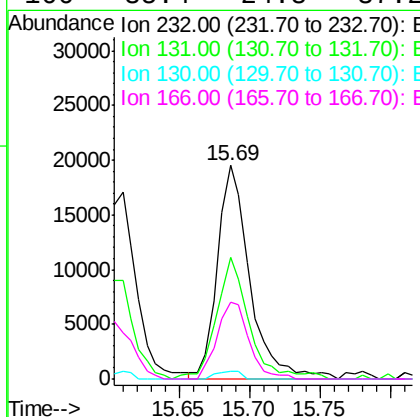
Manual Integrations
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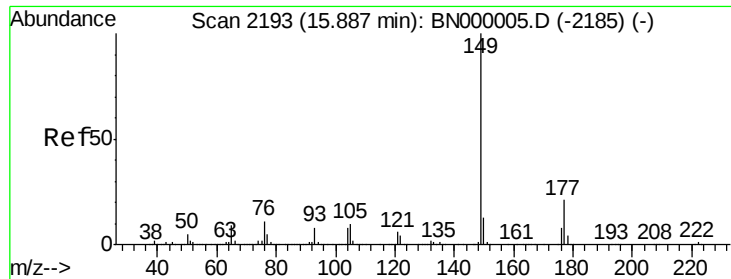
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 2.255 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	31187		
131	57.4	33.5	50.3#	
130	2.7	2.2	3.2	
166	35.4	24.8	37.2	





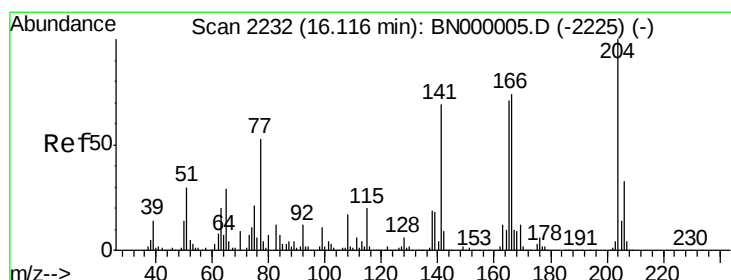
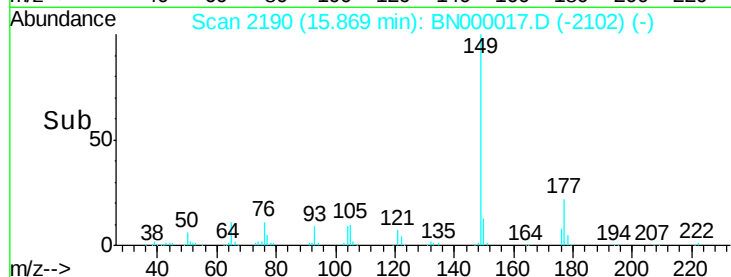
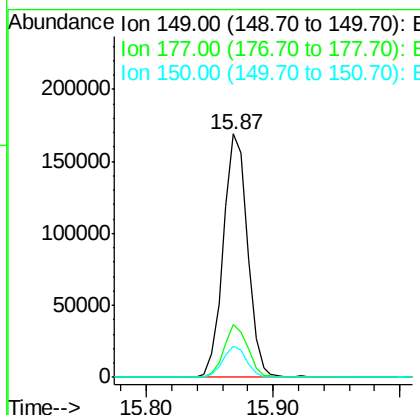
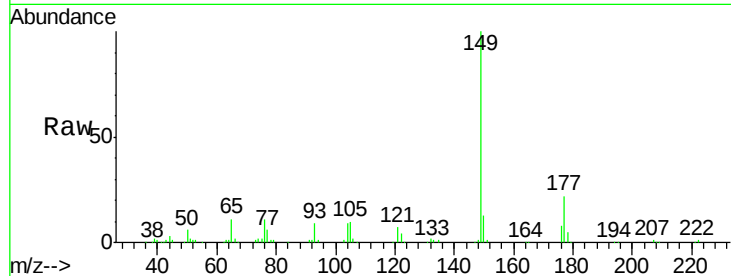
#59
Diethylphthalate
Concen: 2.864 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Resp	Lower	Upper
149	100	223980		
177	21.6	18.5	27.7	
150	12.6	10.2	15.2	

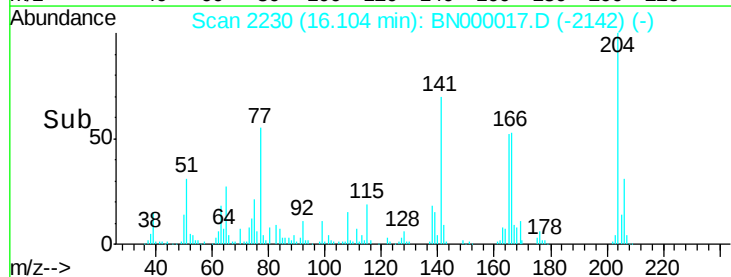
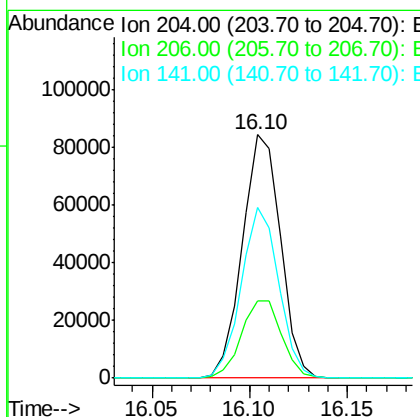
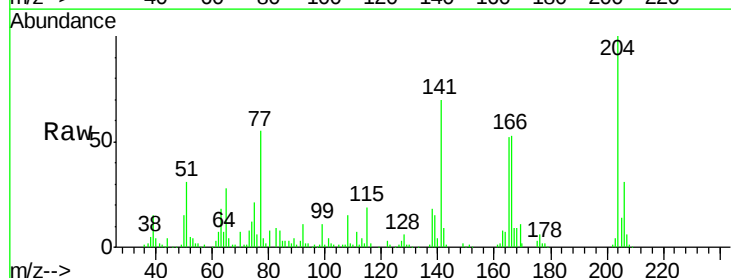
Manual Integrations
APPROVED

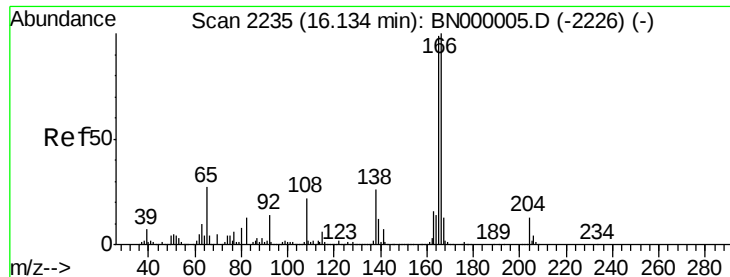
Sohil
2/6/2018 5:15:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.615 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	114909		
206	31.5	26.2	39.2	
141	70.1	45.8	68.6	





#61

4-Nitroaniline

Concen: 1.764 ng

RT: 16.12 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

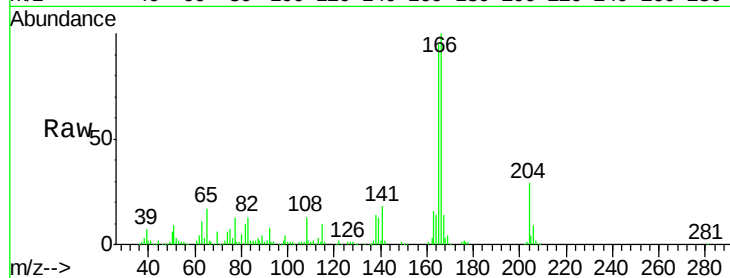
ClientSampled :

MDL-W-01

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.0	40.1	80.1
108	94.6	65.4	105.4

Manual Integrations
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2/6/2018 5:15:38 PM

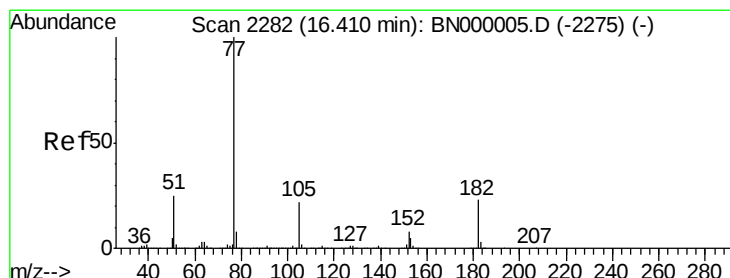
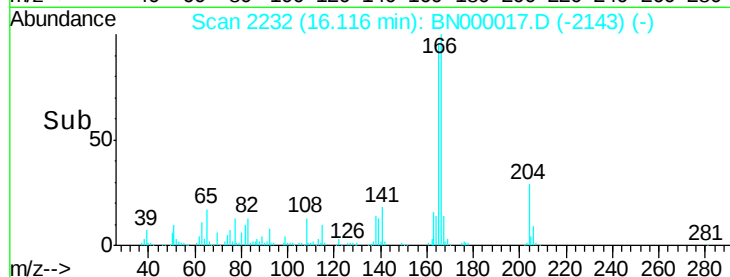
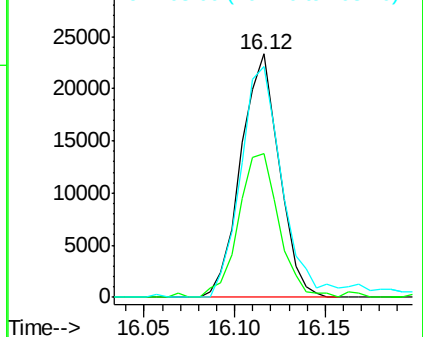


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.936 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	7.4	47.4
105	21.4	0.3	40.3
51	24.6	11.6	51.6

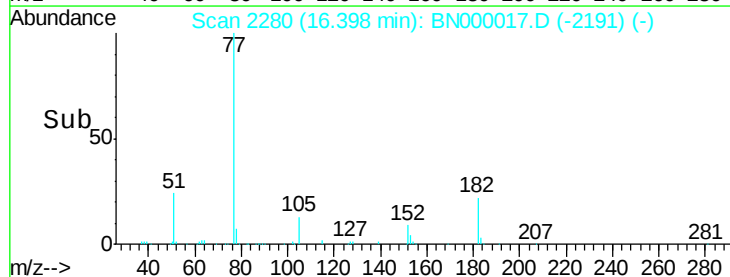
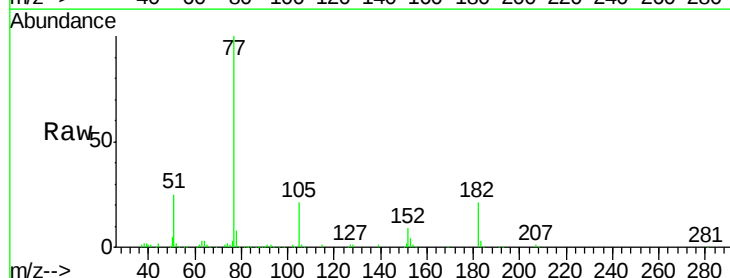
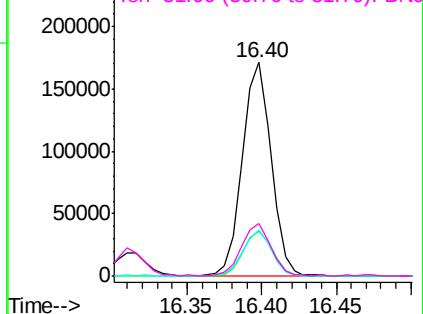
Abundance

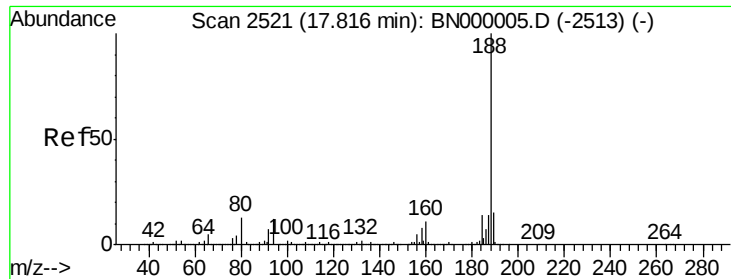
Ion 77.00 (76.70 to 77.70): BNC

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): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

ClientSampled :

MDL-W-01

Tot Ion:188 Resp: 1888280

Ion Ratio Lower Upper

188 100

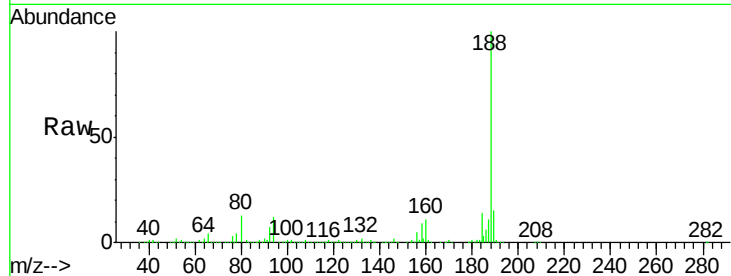
94 11.5 6.9 10.3#

80 12.9 7.7 11.5#

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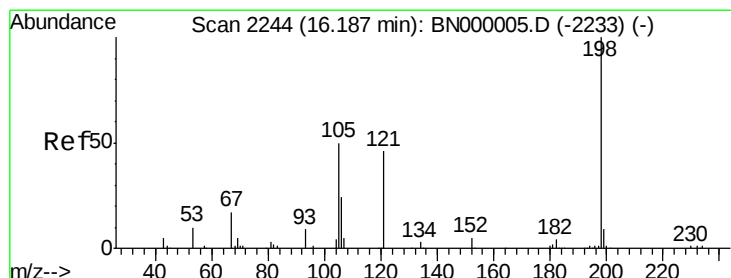
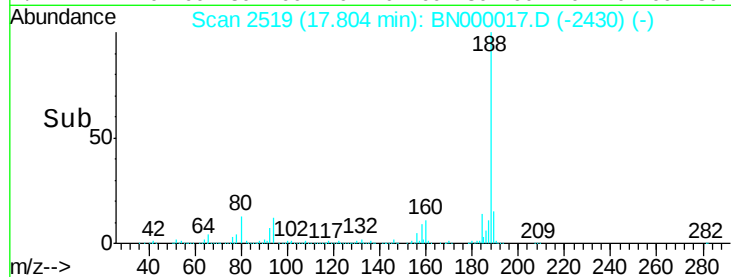
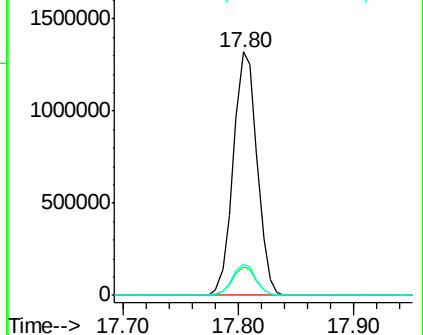
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 1.564 ng

RT: 16.17 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

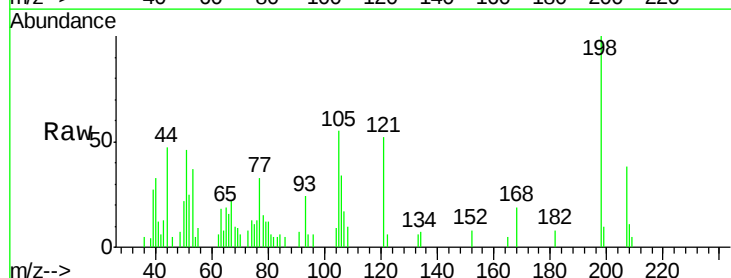
Tgt Ion:198 Resp: 10824

Ion Ratio Lower Upper

198 100

51 46.0 30.6 70.6

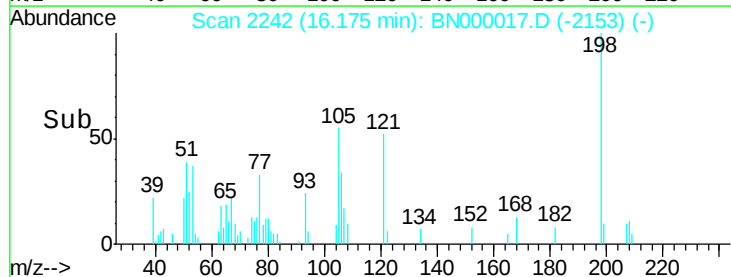
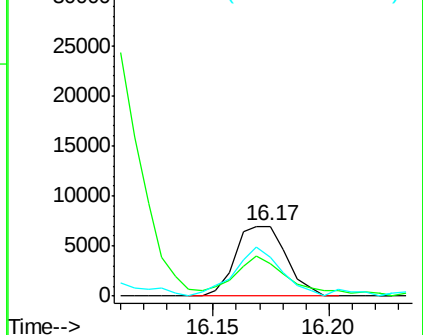
105 55.1 23.8 63.8

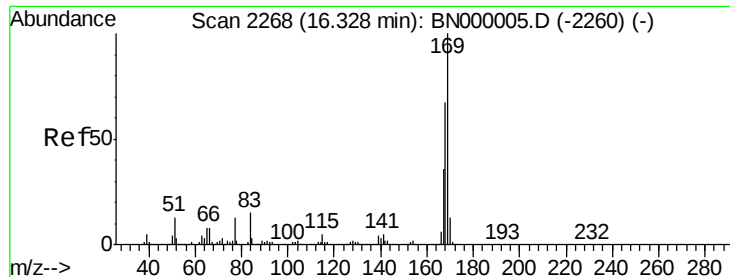


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





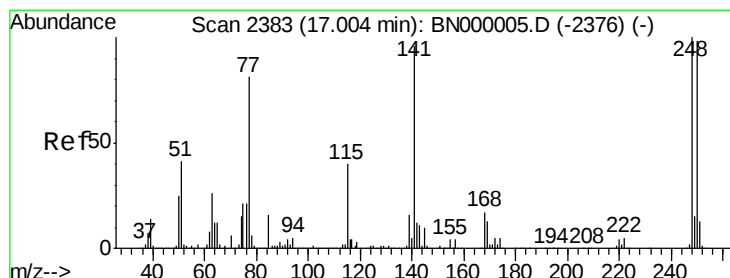
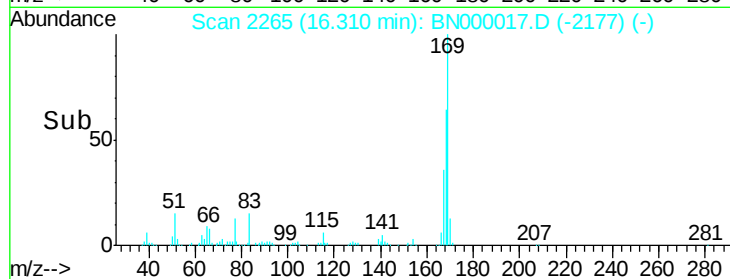
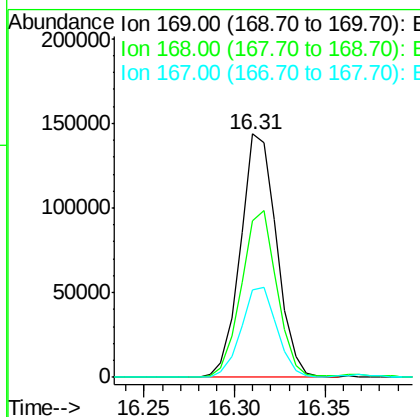
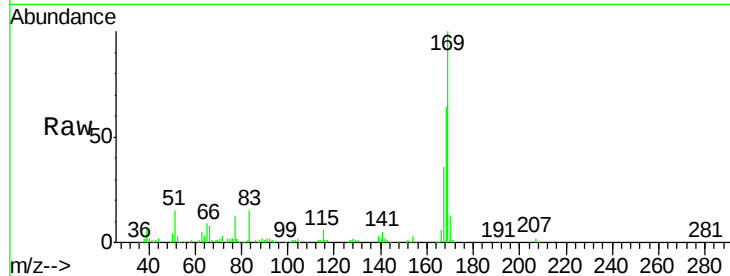
#65
n-Nitrosodiphenylamine
Concen: 3.221 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	55.7	83.5
167	35.7	30.1	45.1

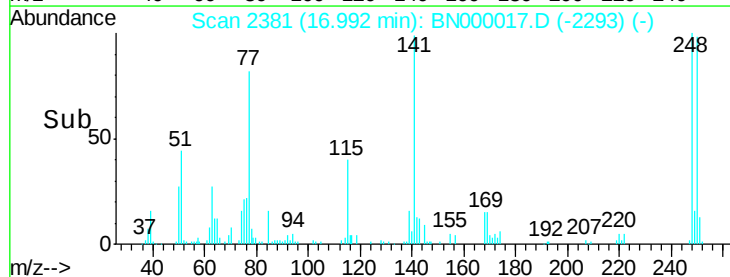
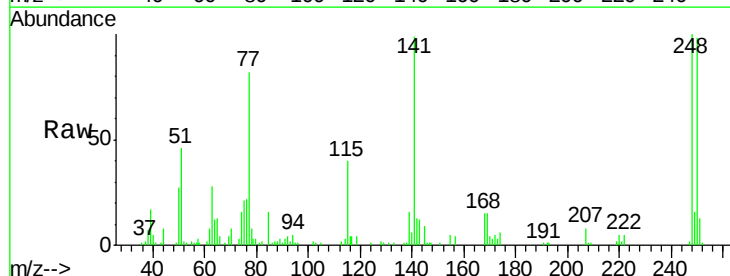
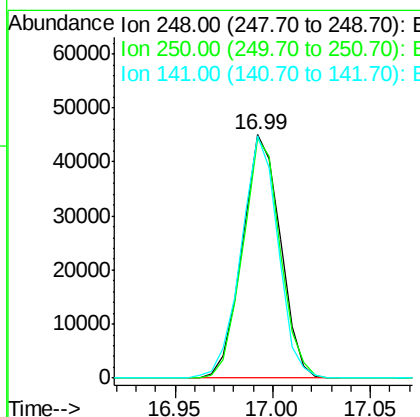
Manual Integrations
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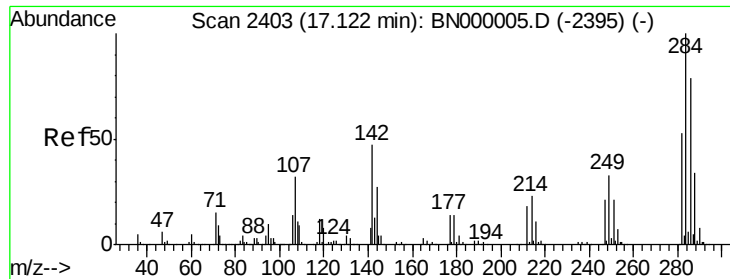
Sohil
2/6/2018 5:15:38 PM



#66
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	99.3	50.8	76.2





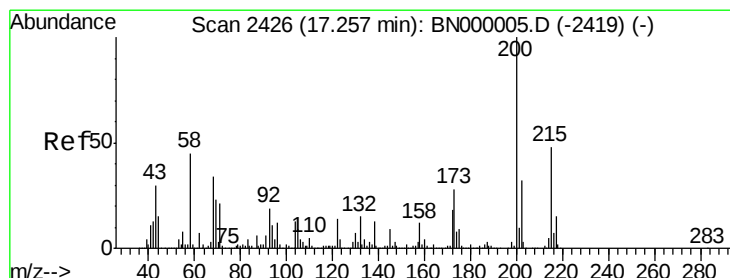
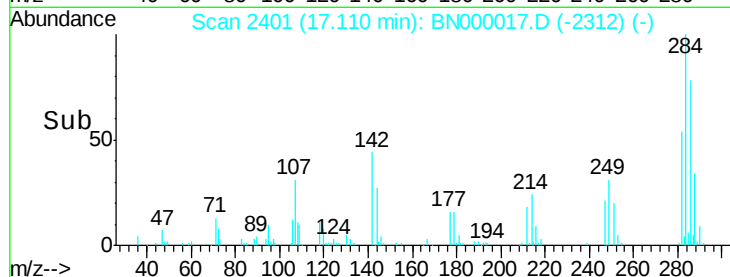
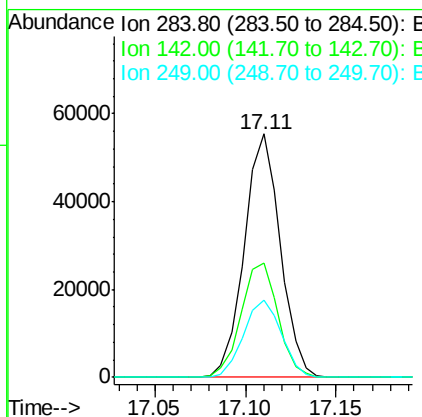
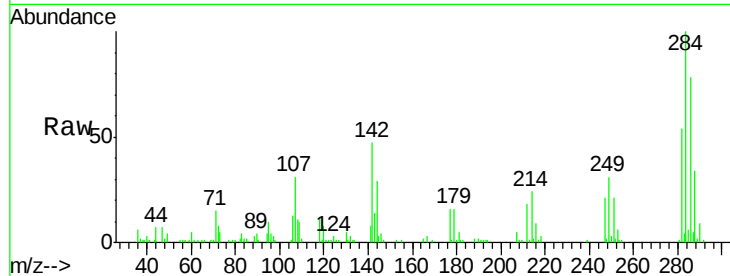
#67
Hexachlorobenzene
Concen: 3.758 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Resp	Lower	Upper
284	100	76493		
142	46.9	26.8	40.2	
249	31.5	26.3	39.5	

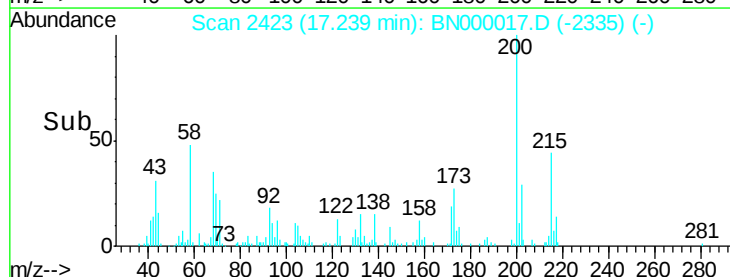
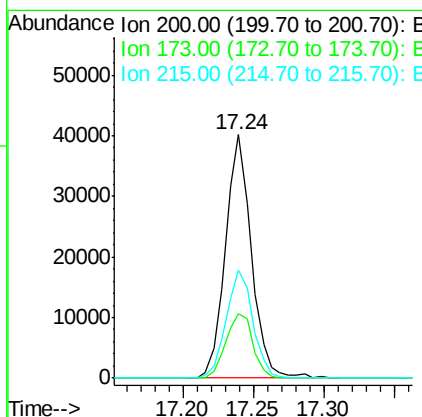
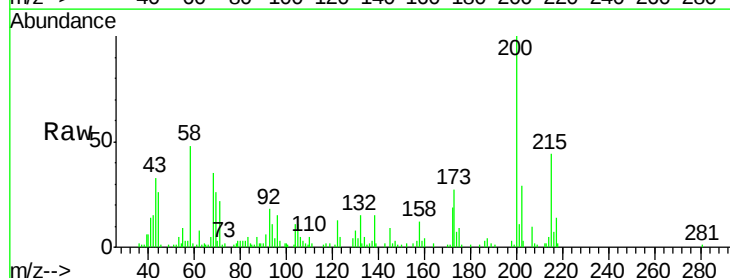
Manual Integrations
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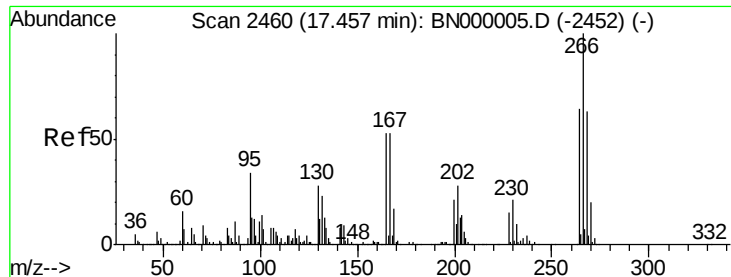
Sohil
2/6/2018 5:15:38 PM



#68
Atrazine
Concen: 2.733 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	51400		
173	26.5	5.2	45.2	
215	44.1	30.4	70.4	





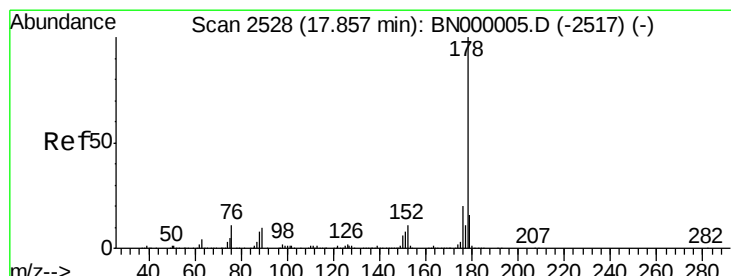
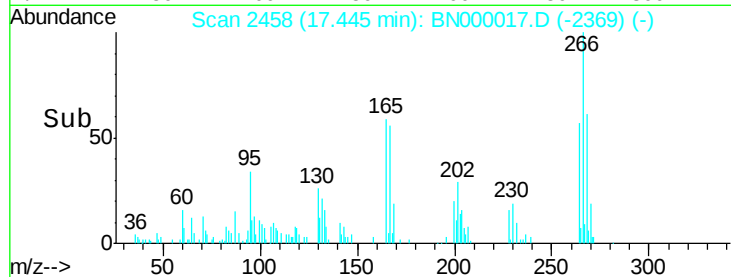
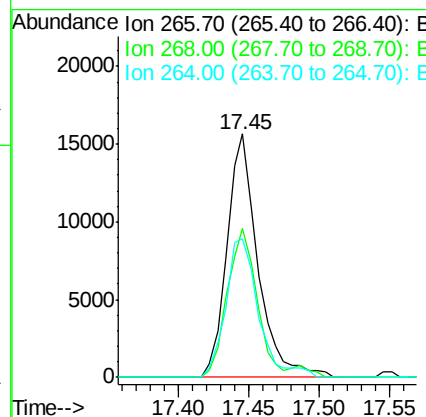
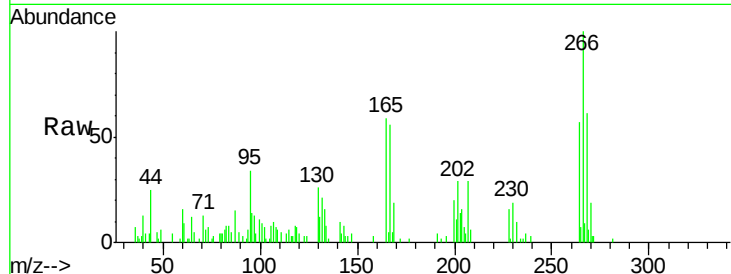
#69
 Pentachlorophenol
 Concen: 1.947 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	57.0	49.6	74.4

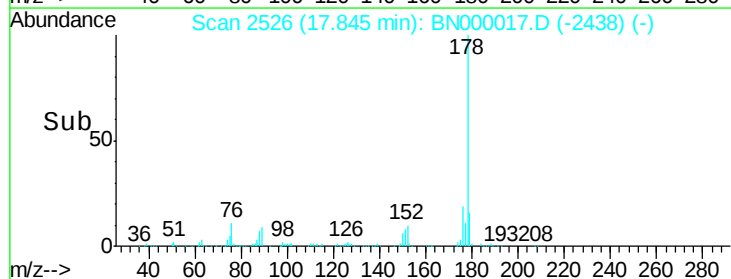
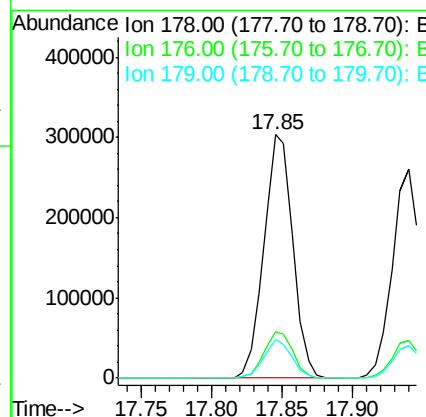
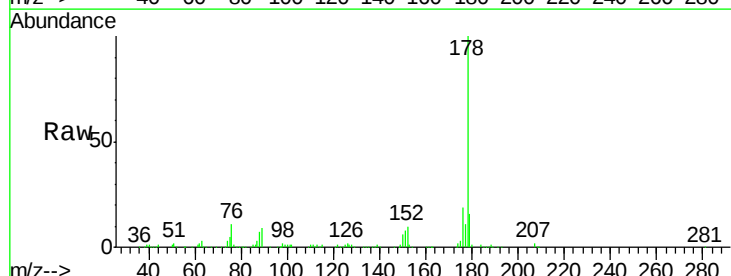
Manual Integrations
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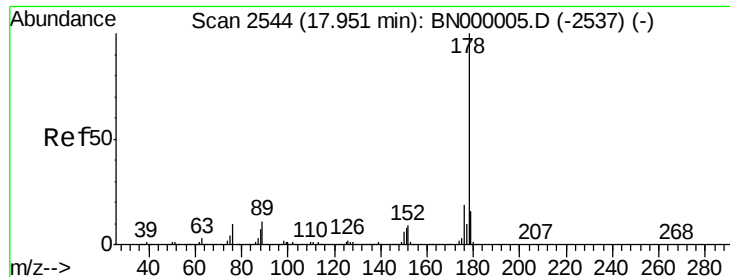
Sohil
 2/6/2018 5:15:38 PM



#70
 Phenanthrene
 Concen: 3.855 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.0	12.5	18.7





#71

Anthracene

Concen: 3.294 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

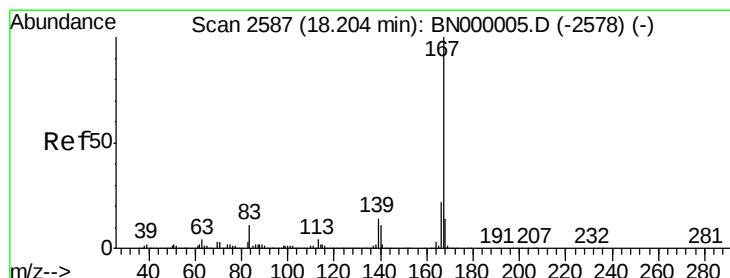
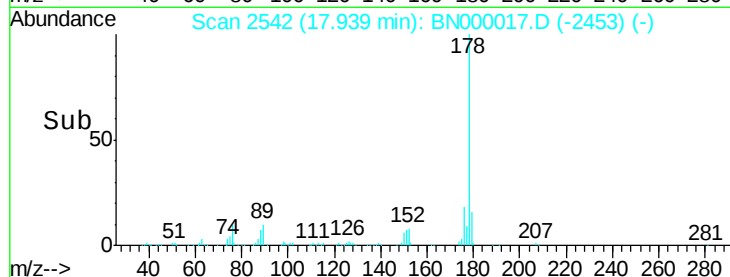
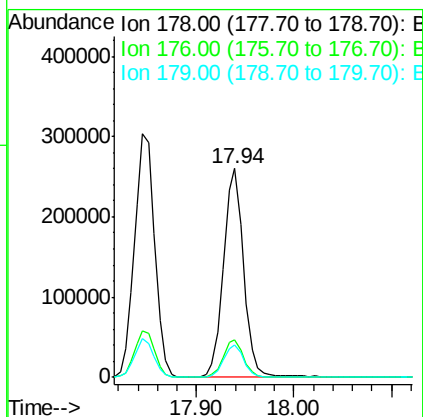
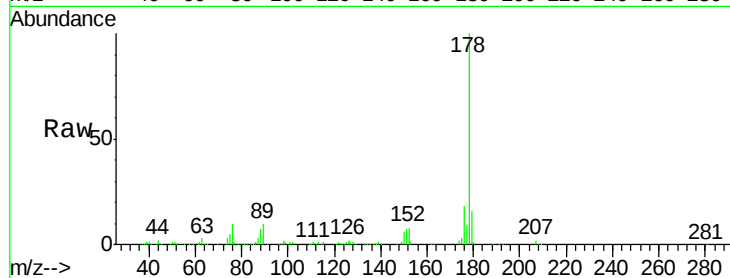
ClientSampled :

MDL-W-01

Tot Ion:	178	Resp:	370737
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.0	24.0
179	15.5	12.5	18.7

Manual Integrations
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2/6/2018 5:15:38 PM



#72

Carbazole

Concen: 3.186 ng

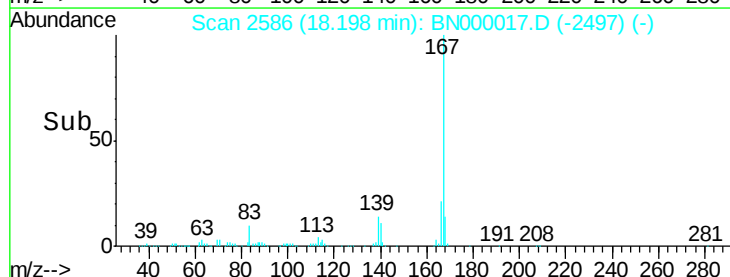
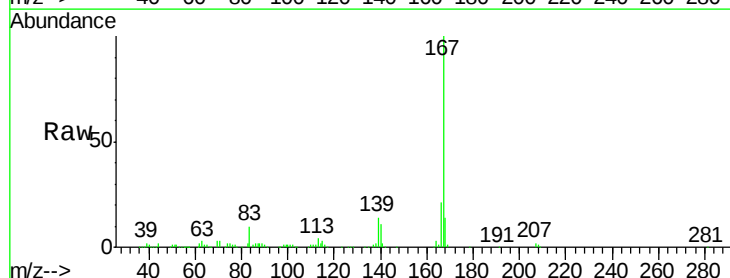
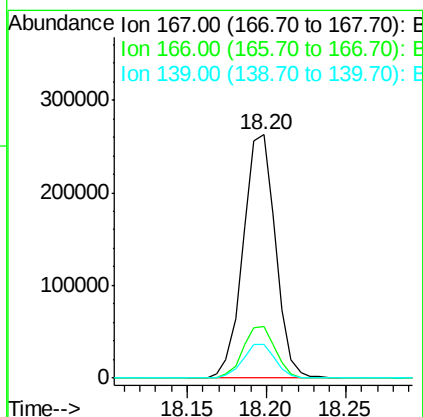
RT: 18.20 min Scan# 2586

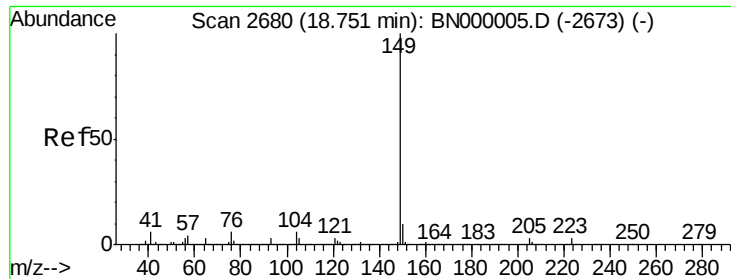
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	167	Resp:	371066
Ion Ratio	Lower	Upper	
167	100		
166	21.1	18.2	27.4
139	13.8	9.4	14.2





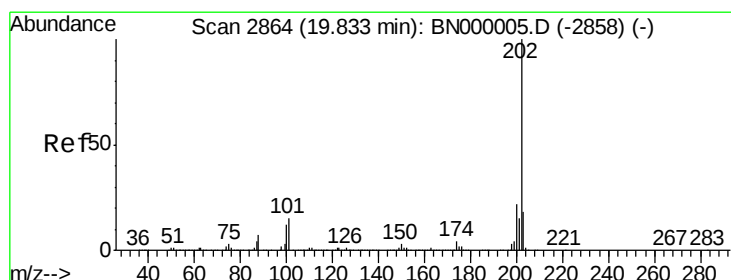
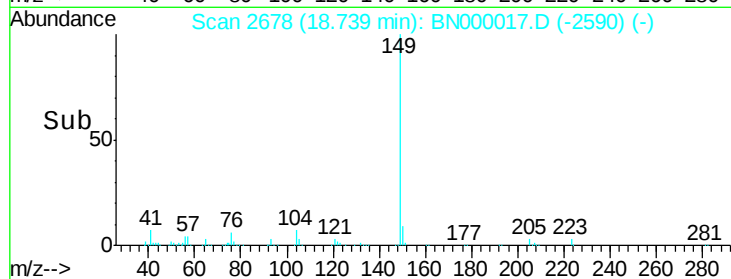
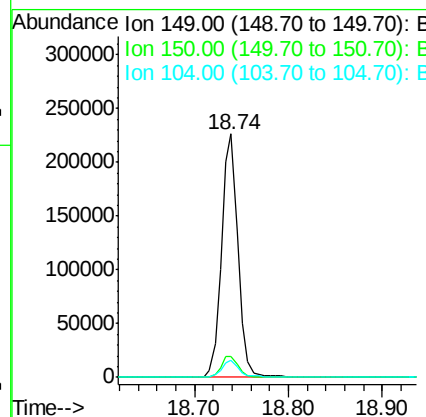
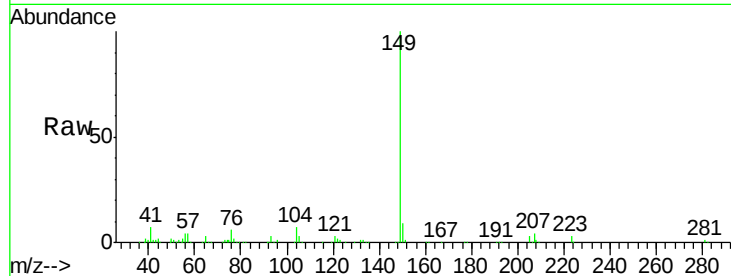
#73
Di-n-butylphthalate
Concen: 2.144 ng
RT: 18.74 min Scan# 2678
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.8	3.9	5.9

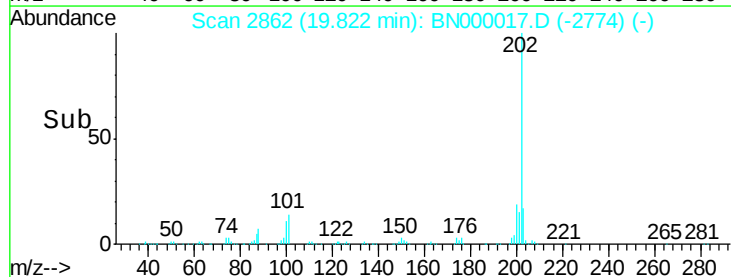
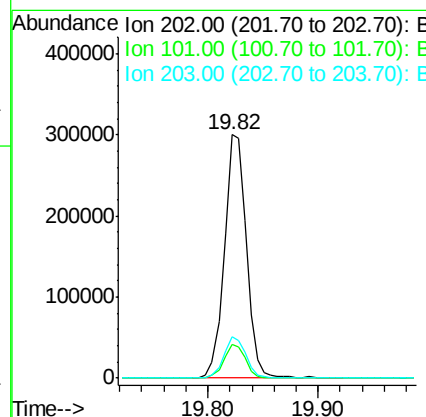
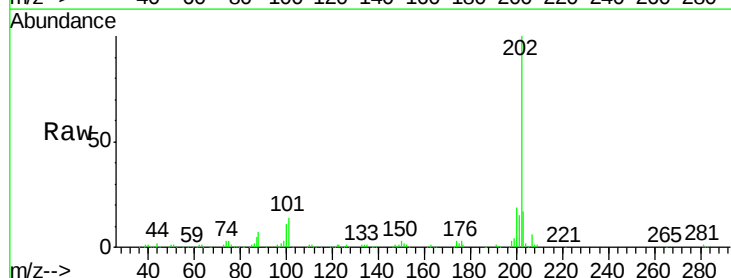
Manual Integrations
APPROVED

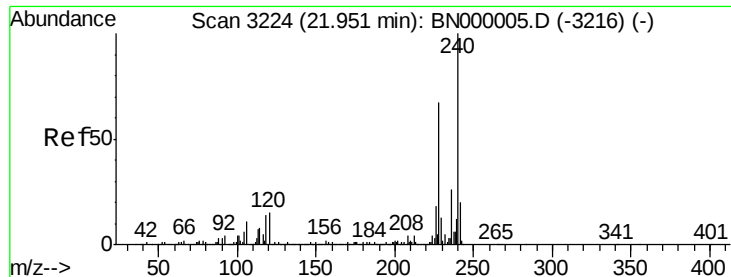
Sohil
2/6/2018 5:15:38 PM



#74
Fluoranthene
Concen: 3.243 ng
RT: 19.82 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	28.9
203	17.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

Tot Ion:240 Resp: 2192582

Ion Ratio Lower Upper

240 100

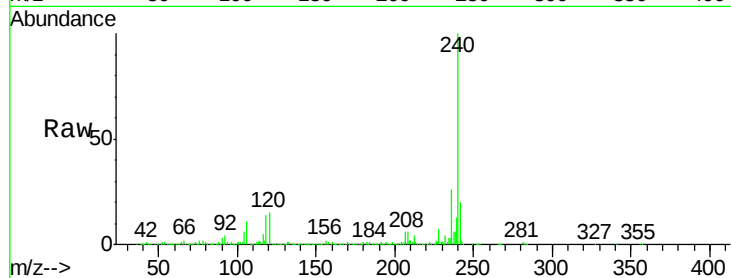
120 14.6 6.8 10.2#

236 25.8 20.9 31.3

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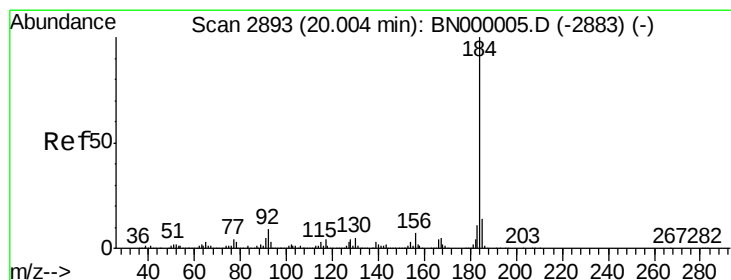
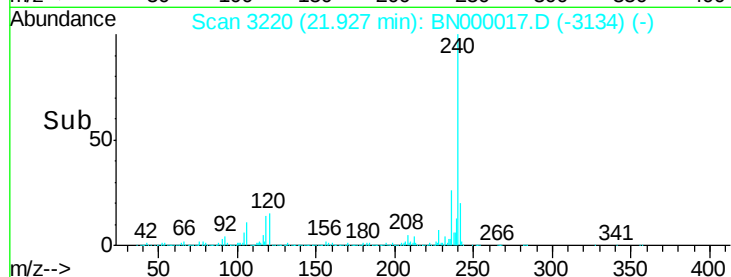
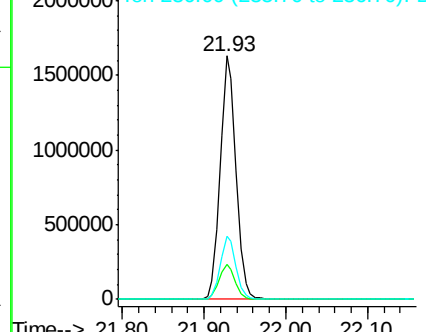
2/6/2018 5:15:38 PM



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



#76

Benzidine

Concen: 2.151 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

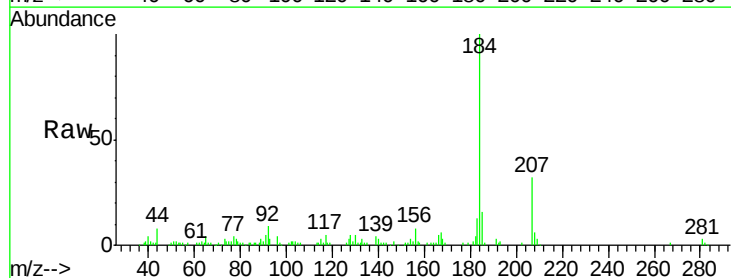
Tgt Ion:184 Resp: 119408

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

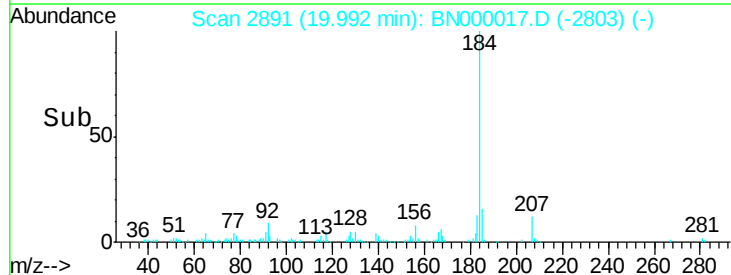
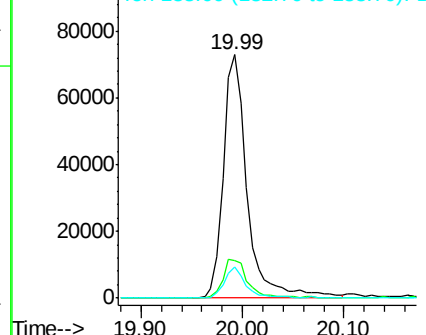
183 12.6 10.6 16.0

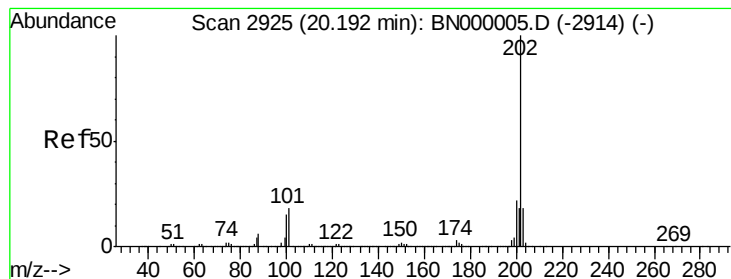


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 3.443 ng

RT: 20.18 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

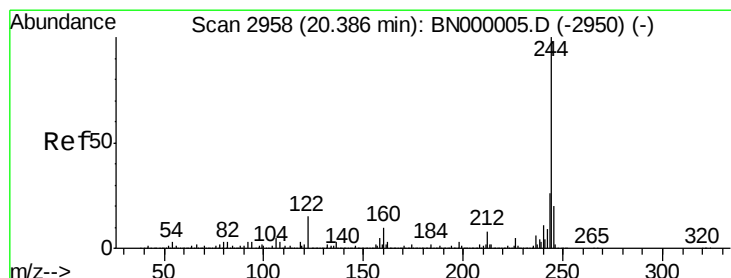
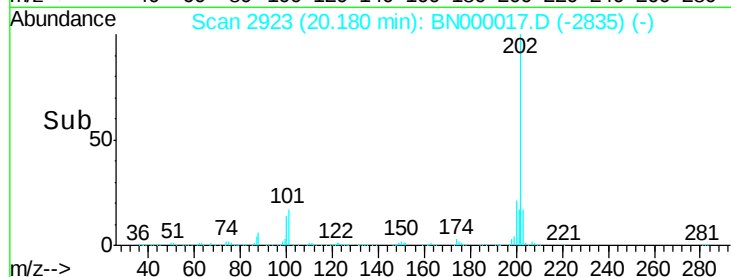
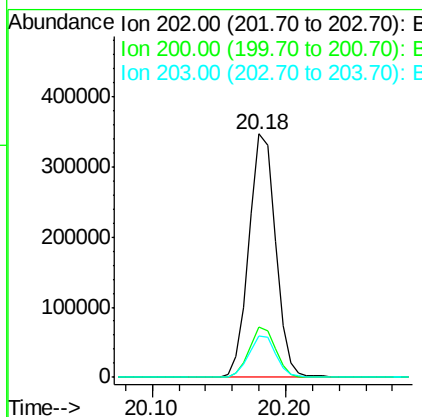
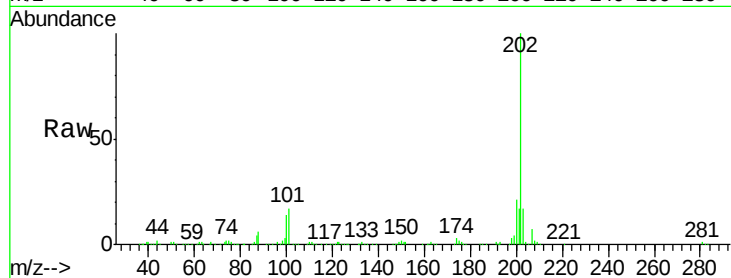
ClientSampleId :

MDL-W-01

Tot Ion:	202	Resp:	476320
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	16.8	13.9	20.9

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#78

Terphenyl-d14

Concen: 91.530 ng

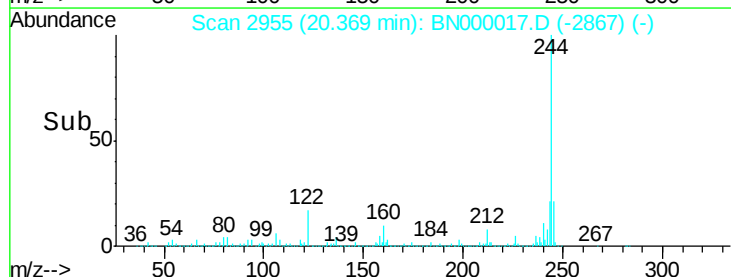
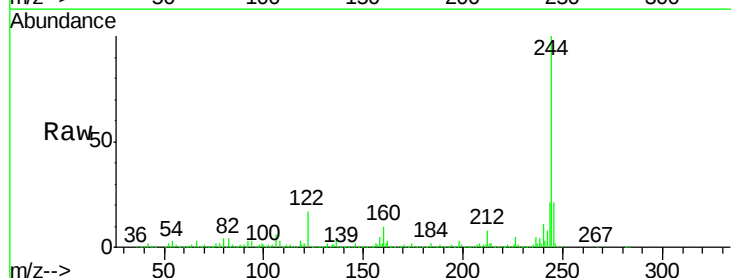
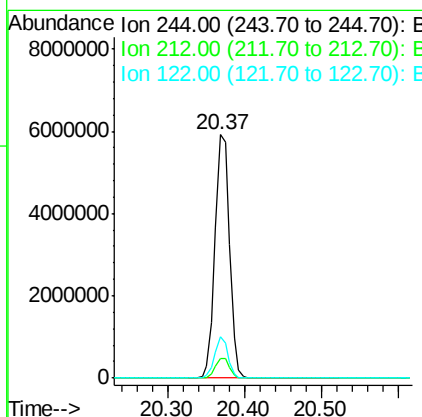
RT: 20.37 min Scan# 2955

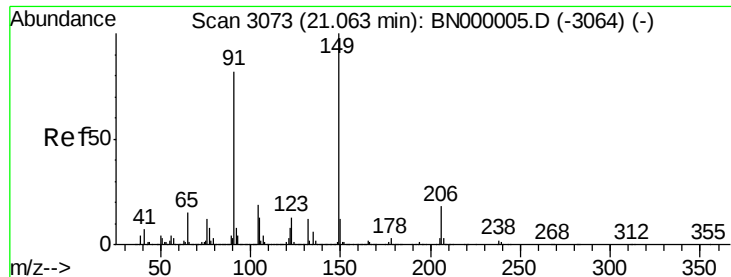
Delta R.T. -0.01 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	244	Resp:	7603389
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.8	8.8
122	16.9	7.0	10.4#





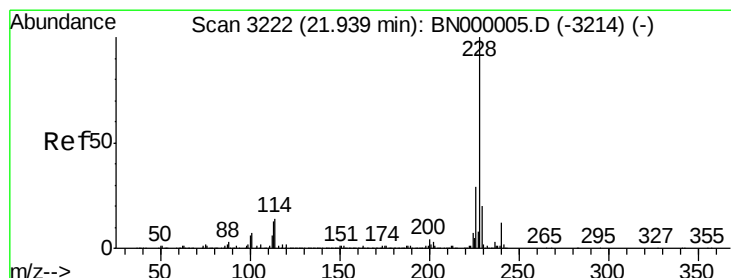
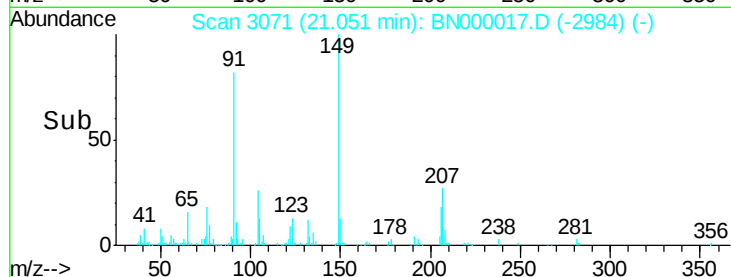
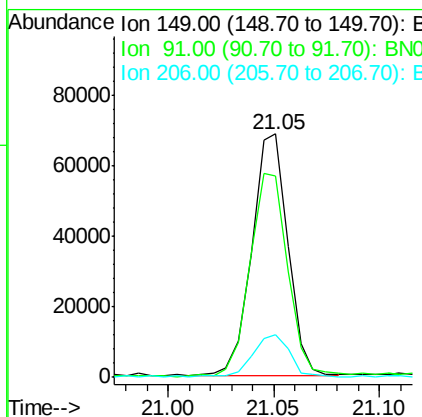
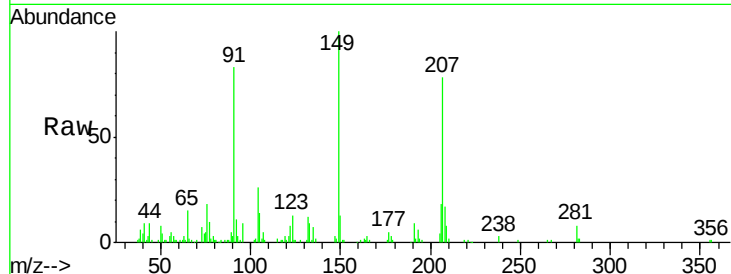
#79
Butylbenzylphthalate
Concen: 1.325 ng
RT: 21.05 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.8	62.2	93.2
206	17.5	18.6	27.8

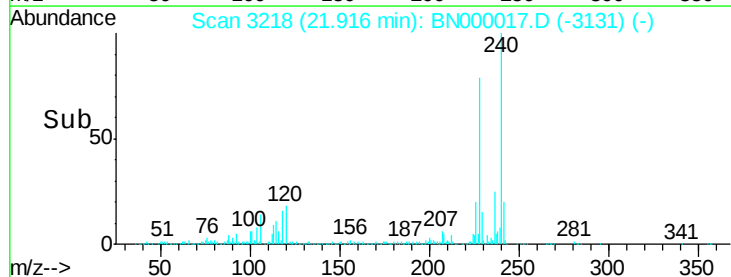
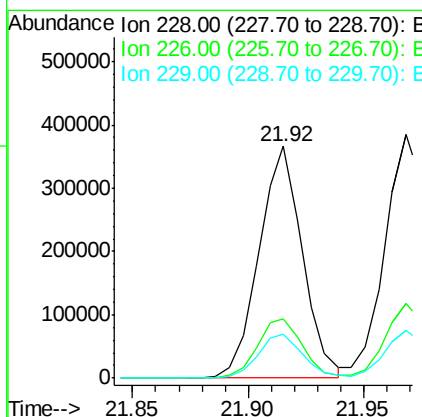
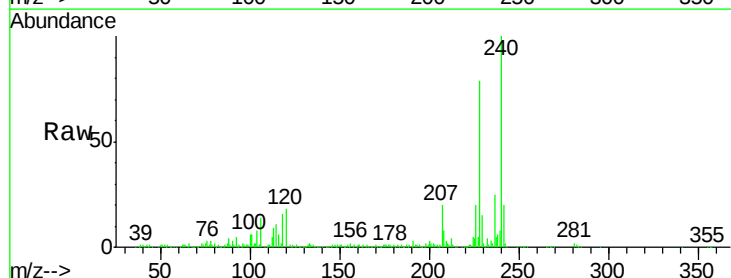
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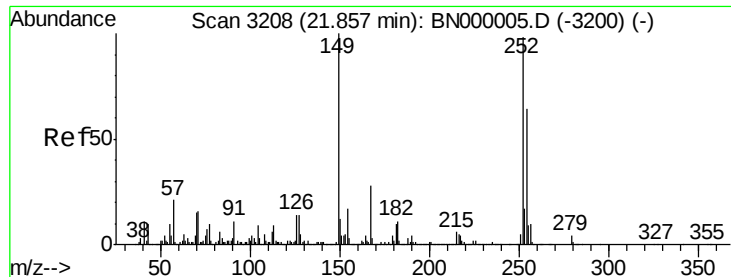
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#80
Benzo(a)anthracene
Concen: 3.517 ng
RT: 21.92 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.7	34.1
229	19.1	16.2	24.2





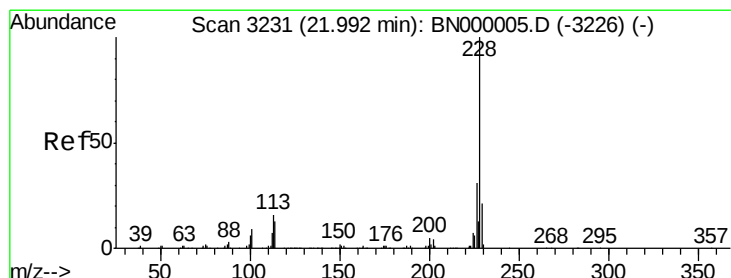
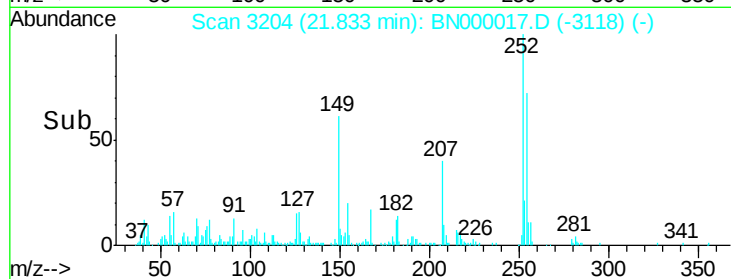
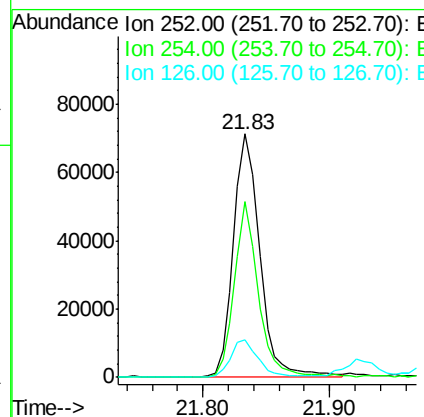
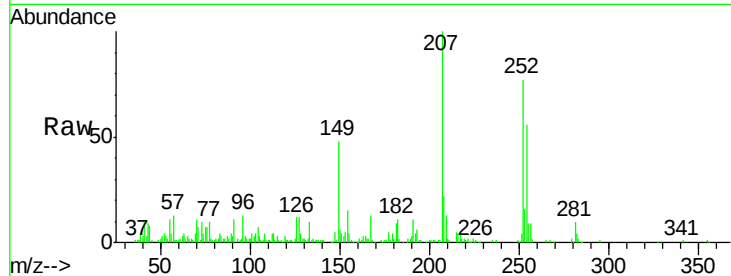
#81
 3,3'-Dichlorobenzidine
 Concen: 2.268 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
252	100		
254	72.2	50.8	76.2
126	15.2	7.4	11.2

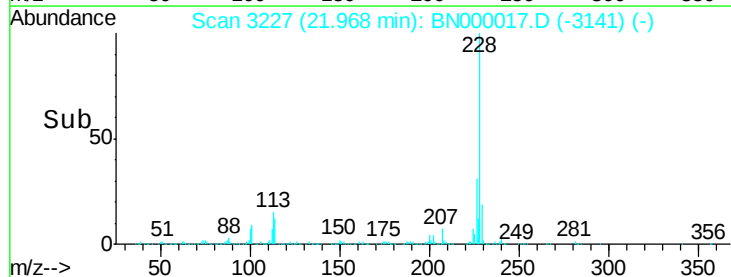
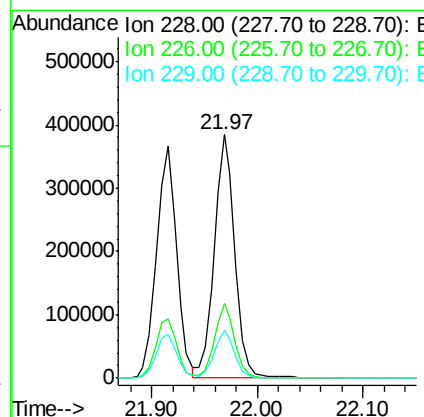
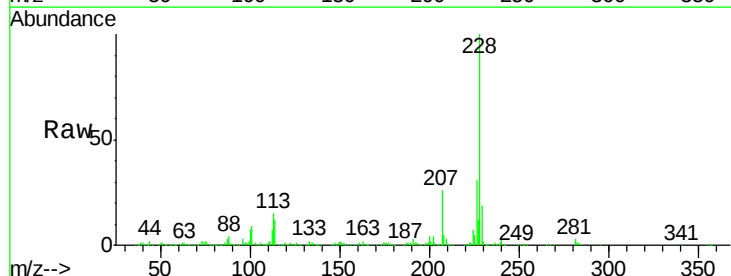
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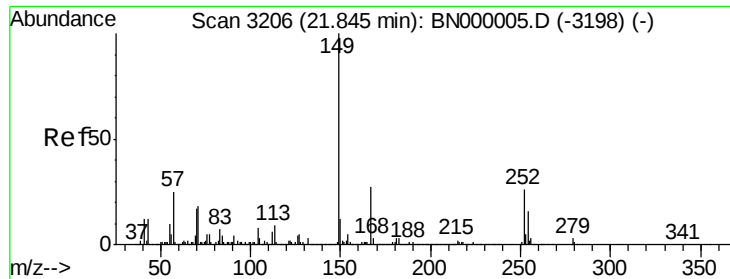
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#82
 Chrysene
 Concen: 3.877 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.5	15.0	22.4





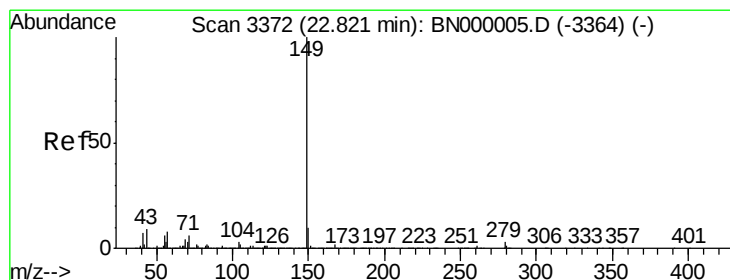
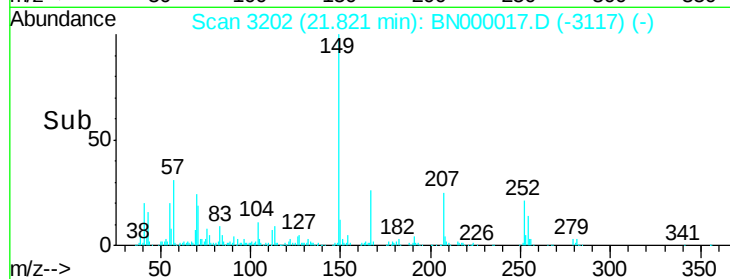
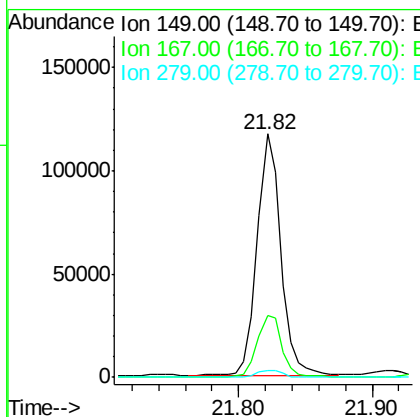
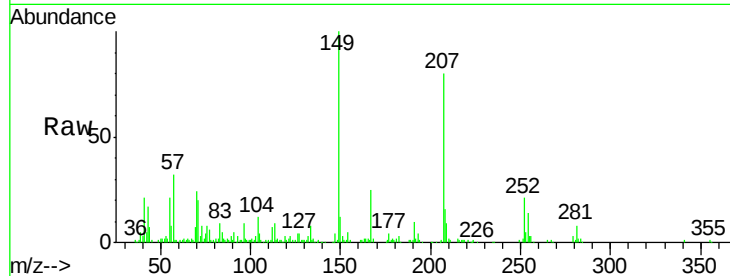
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.558 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	24.3	36.5
279	3.0	4.0	6.0

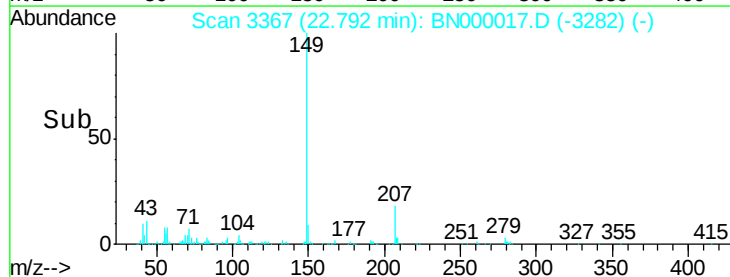
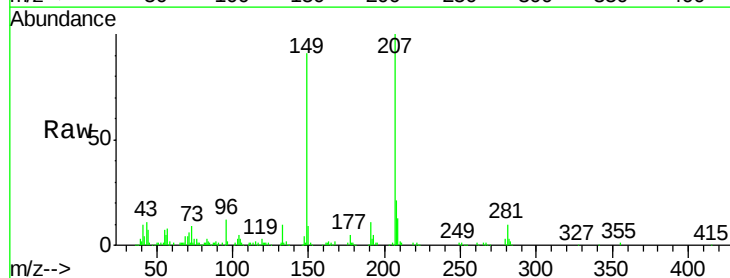
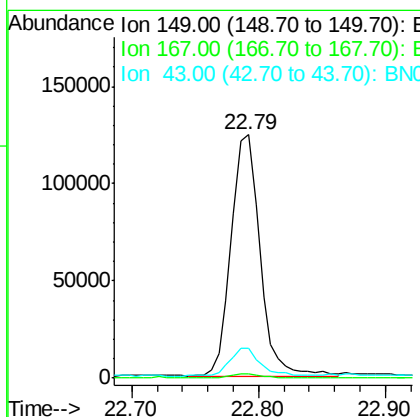
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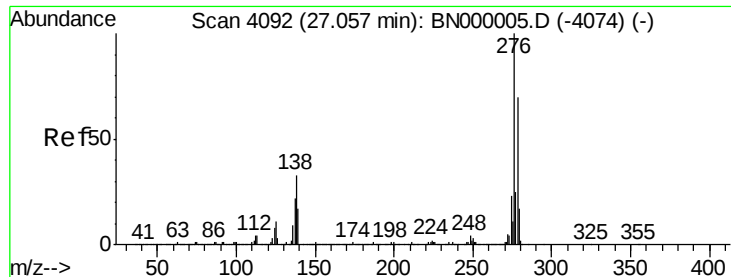
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#84
 Di-n-octyl phthalate
 Concen: 1.323 ng
 RT: 22.79 min Scan# 3367
 Delta R.T. -0.03 min
 Lab File: BN000017.D
 Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.5	8.9	13.3





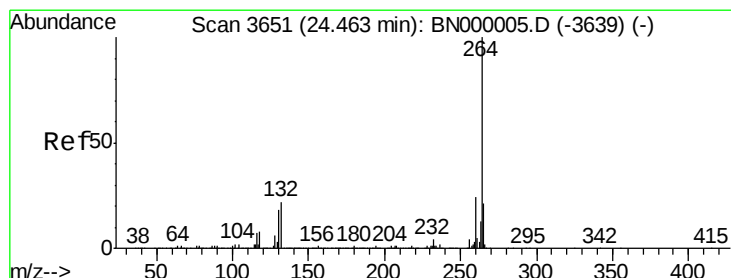
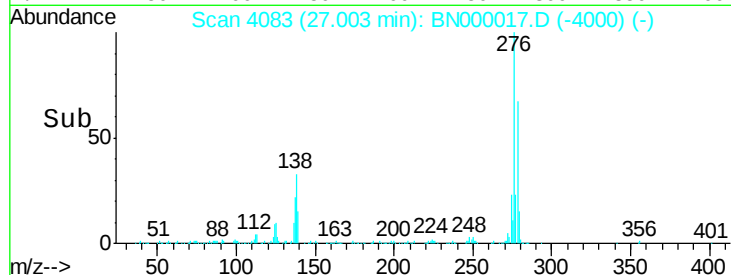
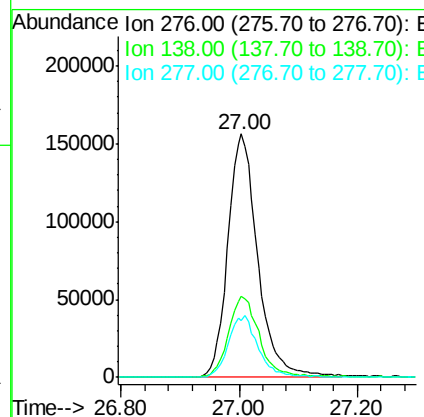
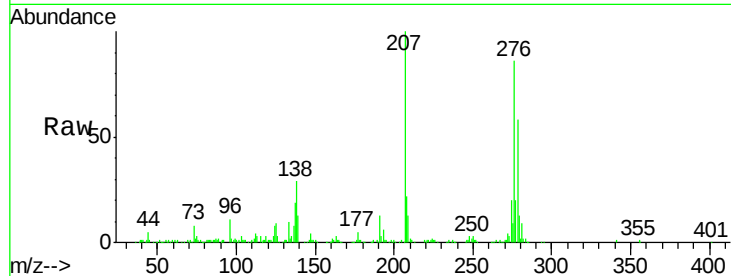
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.171 ng
RT: 27.00 min Scan# 4083
Delta R.T. -0.04 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tot Ion:276 Resp: 552236
Ion Ratio Lower Upper
276 100
138 34.4 16.0 24.0#
277 25.2 20.0 30.0

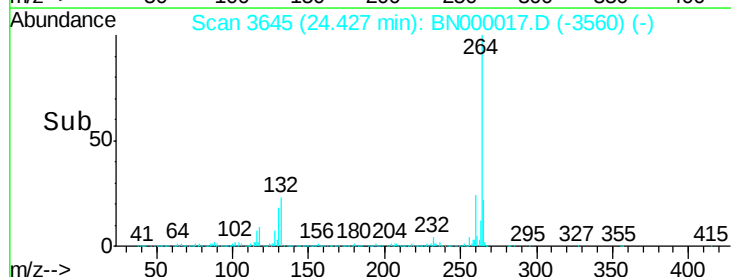
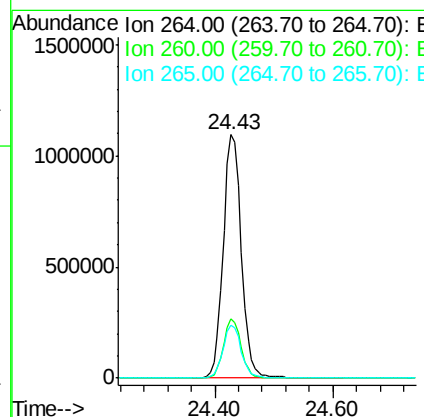
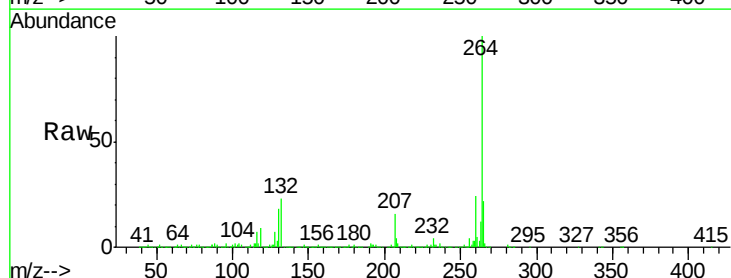
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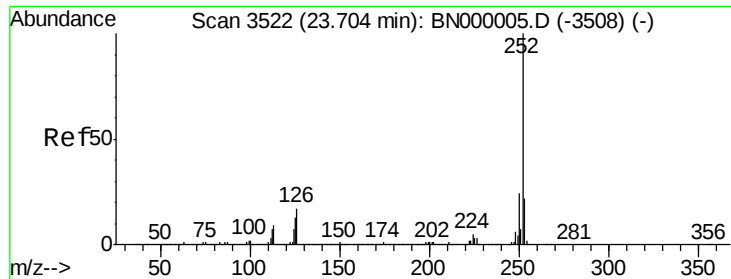
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.43 min Scan# 3645
Delta R.T. -0.03 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion:264 Resp: 2336410
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 21.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 3.298 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

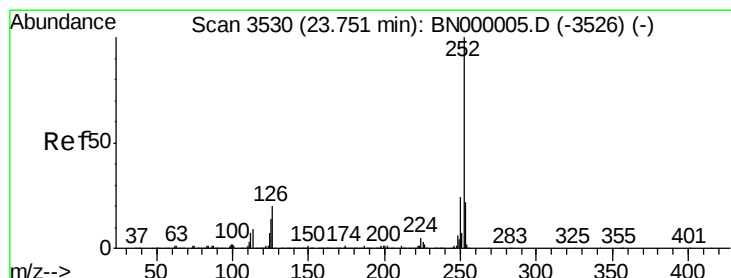
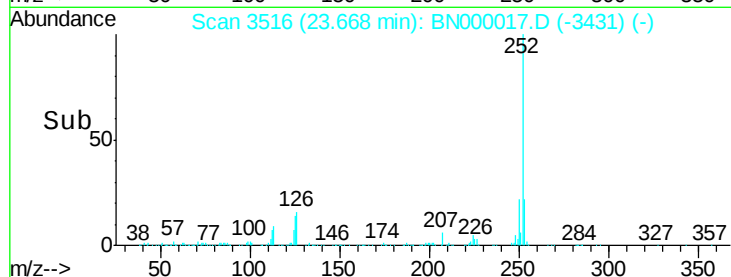
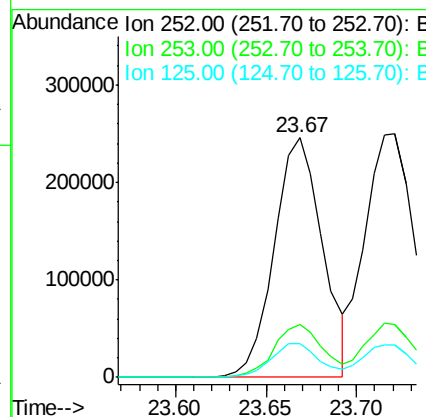
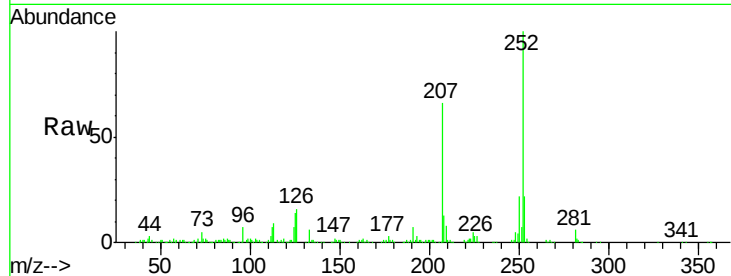
ClientSampleId :

MDL-W-01

Tot Ion:	252	Resp:	458202
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.4
125	13.9	7.2	10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.594 ng

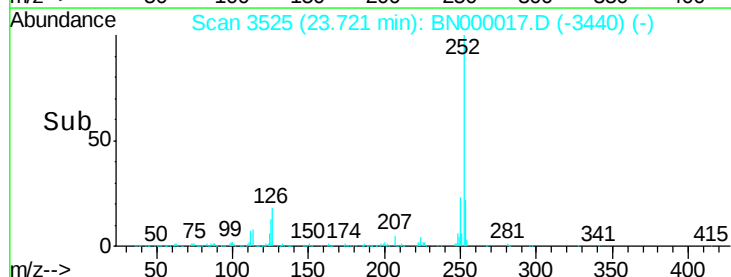
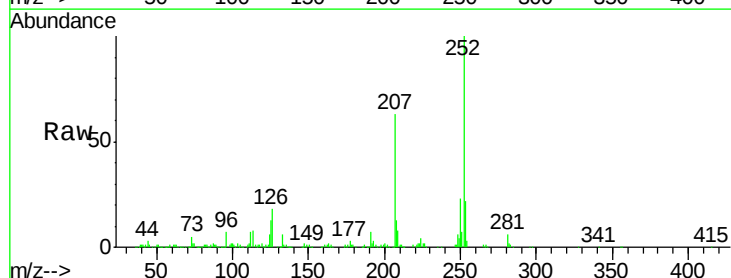
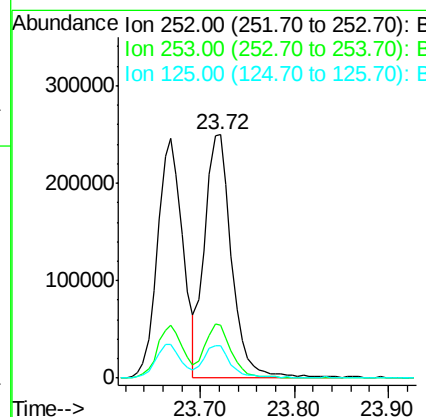
RT: 23.72 min Scan# 3525

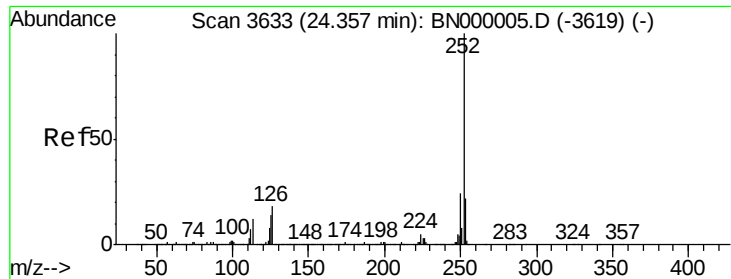
Delta R.T. -0.03 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Tgt Ion:	252	Resp:	500622
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	13.1	6.6	9.8#





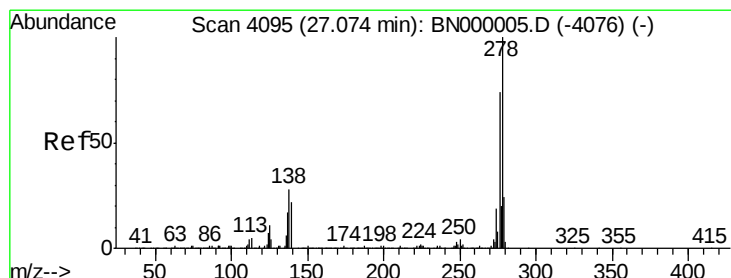
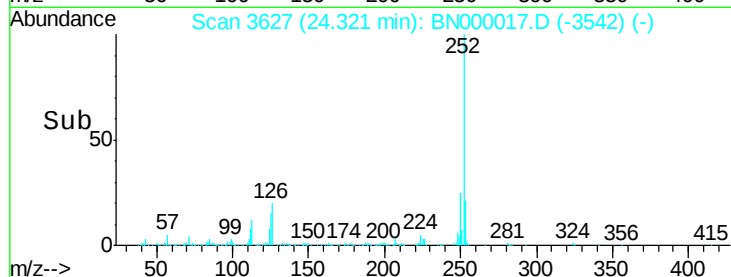
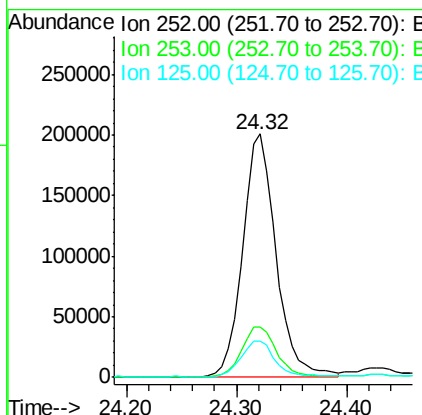
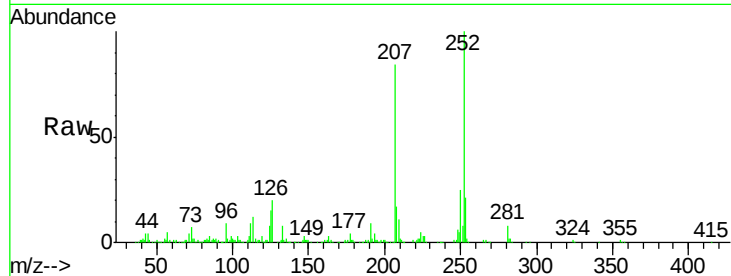
#89
Benzo(a)pyrene
Concen: 3.170 ng
RT: 24.32 min Scan# 3627
Delta R.T. -0.03 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Instrument :
BNA_N
ClientSampled :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.3	27.5
125	14.8	7.3	10.9#

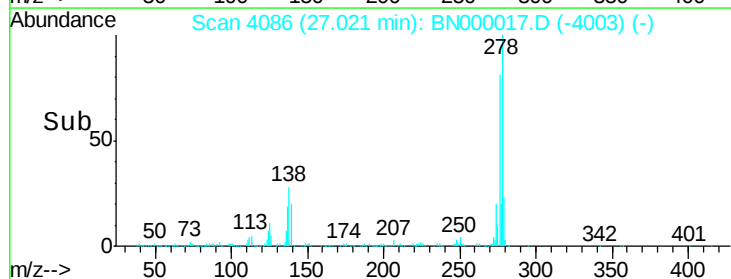
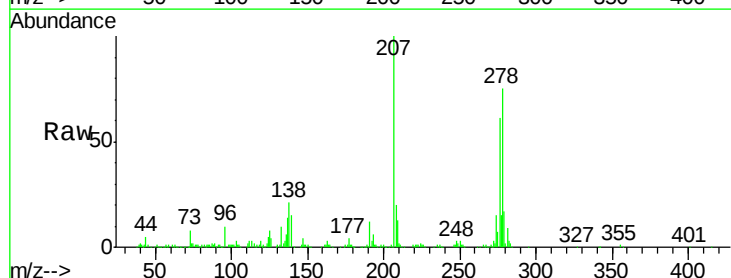
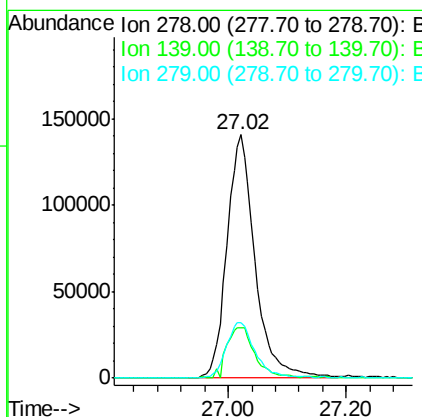
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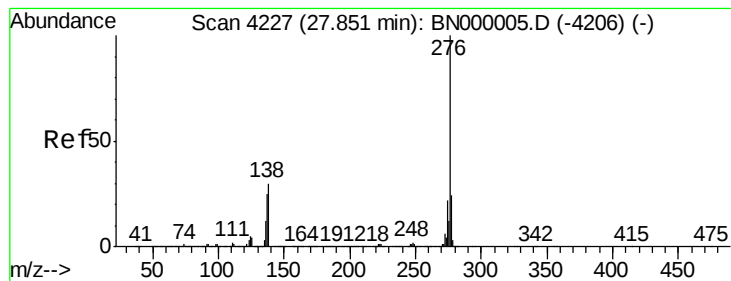
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#90
Dibenzo(a,h)anthracene
Concen: 3.316 ng
RT: 27.02 min Scan# 4086
Delta R.T. -0.04 min
Lab File: BN000017.D
Acq: 05 Feb 2018 14:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	9.8	14.6#
279	22.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 3.219 ng

RT: 27.79 min Scan# 4217

Delta R.T. -0.04 min

Lab File: BN000017.D

Acq: 05 Feb 2018 14:08

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	30.8	13.9	20.9

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