

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000044.D
 Acq On : 07 Feb 2018 20:23
 Operator : JU/SJ
 Sample : MDL-S-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:37:35 PM

Quant Time: Feb 08 13:52:08 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	318989	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1570371	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1004977	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2410365	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2679854	20.00	ng	0.00
86) Perylene-d12	24.40	264	2790666	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	3059171	156.30	ng	0.00
7) Phenol-d6	7.59	99	4335372	146.23	ng	0.00
23) Nitrobenzene-d5	9.65	82	2171224	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1282040	128.88	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	5914879	82.95	ng	0.00
78) Terphenyl-d14	20.36	244	9162025	92.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	25562	3.246	ng	# 95
3) Pyridine	4.14	79	52353m	2.135	ng	
4) n-Nitrosodimethylamine	4.01	42	23032	3.322	ng	# 93
6) Aniline	7.77	93	108188	2.649	ng	# 90
8) 2-Chlorophenol	8.02	128	86185	3.765	ng	95
9) Benzaldehyde	7.59	77	68568	3.718	ng	96
10) Phenol	7.62	94	123462	3.945	ng	96
11) bis(2-Chloroethyl)ether	7.87	93	80805	3.139	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	78727	3.027	ng	99
13) 1,4-Dichlorobenzene	8.50	146	82471	3.105	ng	95
14) 1,2-Dichlorobenzene	8.83	146	82969	3.174	ng	98
15) Benzyl Alcohol	8.70	79	59298	2.783	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	83741	3.074	ng	81
17) 2-Methylphenol	8.90	107	70626	3.176	ng	93
18) Hexachloroethane	9.58	117	26613	2.879	ng	# 79
19) n-Nitroso-di-n-propylamine	9.27	70	47545	2.393	ng	# 84
20) 3+4-Methylphenols	9.22	107	90128	2.898	ng	95
22) Acetophenone	9.30	105	124194	2.822	ng	# 87
24) Nitrobenzene	9.69	77	97819	3.388	ng	# 97
25) Isophorone	10.21	82	138835	2.543	ng	# 94
26) 2-Nitrophenol	10.40	139	20018	8.631	ng	91
27) 2,4-Dimethylphenol	10.45	122	85205	3.600	ng	94
28) bis(2-Chloroethoxy)methane	10.69	93	111357	3.180	ng	94
29) 2,4-Dichlorophenol	10.94	162	59084	2.697	ng	94
30) 1,2,4-Trichlorobenzene	11.16	180	74441	2.951	ng	96
31) Naphthalene	11.36	128	272461	3.165	ng	99
32) Benzoic acid	10.47	122	14913m	11.205	ng	
33) 4-Chloroaniline	11.46	127	104796	2.771	ng	# 94
34) Hexachlorobutadiene	11.63	225	37328	2.854	ng	97
35) Caprolactam	12.18	113	16779	5.624	ng	92
36) 4-Chloro-3-methylphenol	12.53	107	71352	2.566	ng	98
37) 2-Methylnaphthalene	12.93	142	189144	3.158	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	84215	2.839	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	27618	2.234	ng	96

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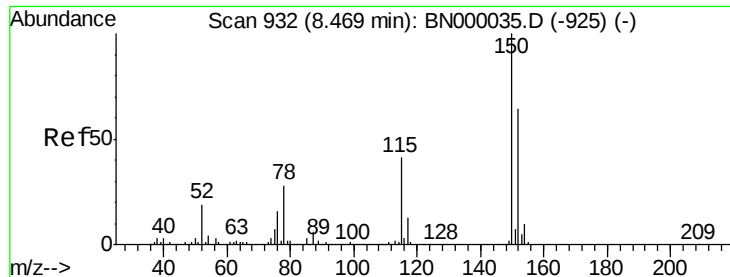
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	36159	2.034	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	43063	2.015	nq #	91
45) 1,1'-Biphenyl	13.92	154	278748	3.149	nq	97
46) 2-Chloronaphthalene	13.97	162	195777	2.948	nq	96
47) 2-Nitroaniline	14.15	65	29630	6.245	nq #	82
48) Acenaphthylene	14.80	152	276955	2.588	nq	98
49) Dimethylphthalate	14.52	163	236871	2.820	nq	99
50) 2,6-Dinitrotoluene	14.63	165	30158	1.739	nq #	90
51) Acenaphthene	15.14	154	202956	2.914	nq	97
52) 3-Nitroaniline	14.96	138	38056	1.805	nq	93
53) 2,4-Dinitrophenol	15.17	184	6331	10.138	nq #	1
54) Dibenzofuran	15.47	168	329657	3.342	nq	94
55) 4-Nitrophenol	15.24	139	25015	6.334	nq #	85
56) 2,4-Dinitrotoluene	15.41	165	37648	5.567	nq	96
57) Fluorene	16.11	166	253915	3.153	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	37012m	2.194	nq	
59) Diethylphthalate	15.86	149	238410	2.793	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	120293	3.277	nq	93
61) 4-Nitroaniline	16.11	138	40114	1.852	nq	94
62) Azobenzene	16.39	77	234416	2.758	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	11107	9.504	nq #	79
65) n-Nitrosodiphenylamine	16.30	169	209797	2.675	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	63666	2.778	nq #	82
67) Hexachlorobenzene	17.10	284	78290	2.925	nq #	87
68) Atrazine	17.23	200	56150	2.200	nq	97
69) Pentachlorophenol	17.44	266	24525	7.064	nq	98
70) Phenanthrene	17.84	178	461424	3.241	nq	99
71) Anthracene	17.93	178	397488	2.883	nq	99
72) Carbazole	18.19	167	385160	2.773	nq	96
73) Di-n-butylphthalate	18.73	149	295504	1.927	nq #	98
74) Fluoranthene	19.82	202	442975	2.966	nq	94
76) Benzidine	19.98	184	92816	1.087	nq	95
77) Pyrene	20.17	202	489711	2.875	nq	98
79) Butylbenzylphthalate	21.03	149	105909	6.540	nq #	96
80) Benzo(a)anthracene	21.90	228	500716	3.040	nq	97
81) 3,3'-Dichlorobenzidine	21.82	252	122769	2.029	nq #	98
82) Chrysene	21.95	228	525391	3.201	nq	98
83) Bis(2-ethylhexyl)phthalate	21.80	149	158508	4.145	nq #	91
84) Di-n-octyl phthalate	22.76	149	241457	7.634	nq	99
85) Indeno(1,2,3-cd)pyrene	26.96	276	539744	2.677	nq #	86
87) Benzo(b)fluoranthene	23.65	252	482297	2.953	nq #	95
88) Benzo(k)fluoranthene	23.69	252	491661	2.989	nq #	95
89) Benzo(a)pyrene	24.29	252	446635	2.851	nq #	95
90) Dibenzo(a,h)anthracene	26.98	278	459493	2.805	nq #	92
91) Benzo(g,h,i)perylene	27.74	276	466068	2.814	nq #	89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.47 min Scan# 932

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

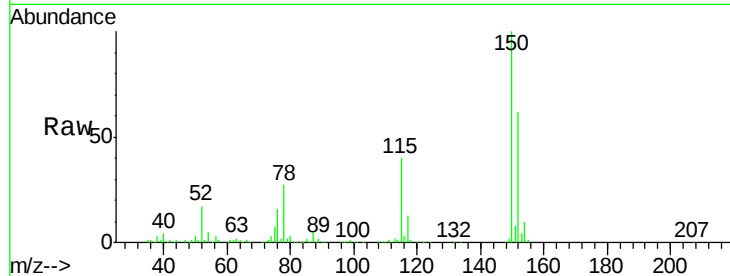
ClientSampled :

MDL-S-06

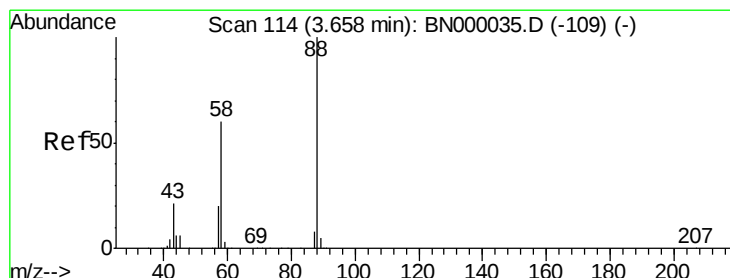
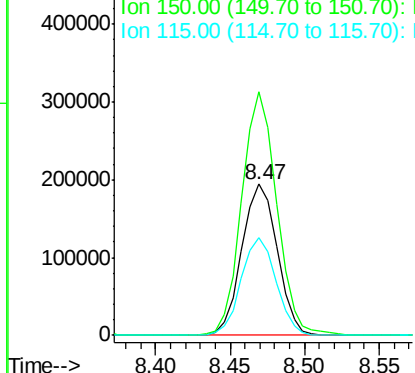
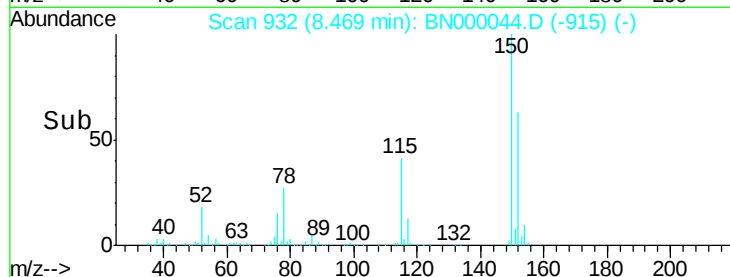
Tot Ion:	152	Resp:	318989
Ion Ratio	Lower	Upper	
152	100		
150	160.8	126.6	189.8
115	64.9	53.0	79.4

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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



#2

1,4-Dioxane

Concen: 3.246 ng

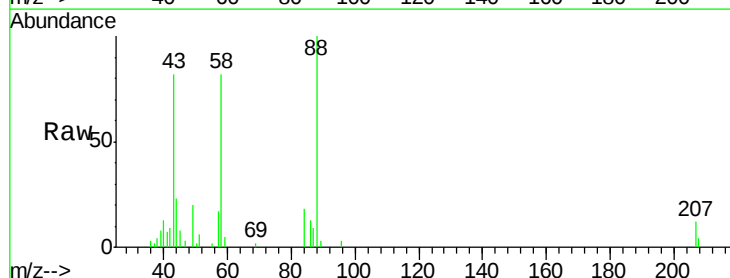
RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

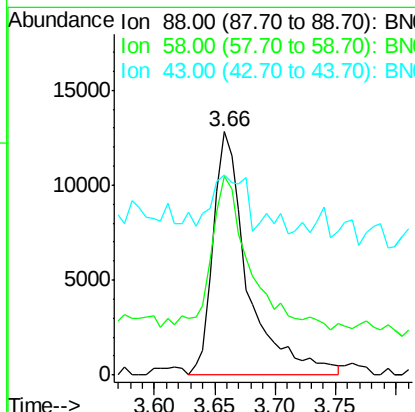
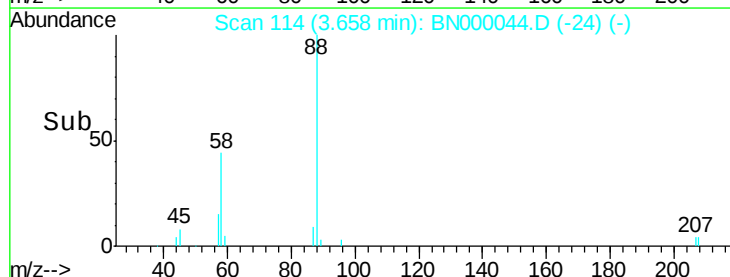
Lab File: BN000044.D

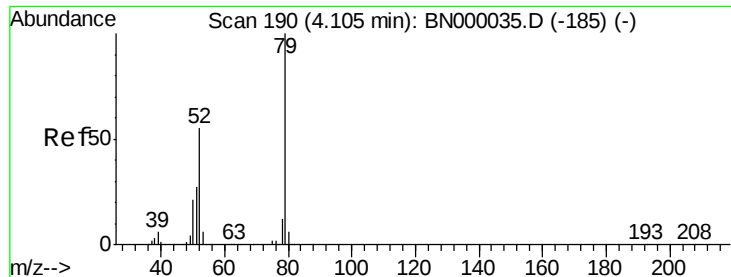
Acq: 07 Feb 2018 20:23

Tgt Ion:	88	Resp:	25562
Ion Ratio	Lower	Upper	
88	100		
58	67.2	52.0	78.0
43	19.2	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: 2.135 ng/ml

RT: 4.14 min Scan# 196

Delta R.T. 0.04 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

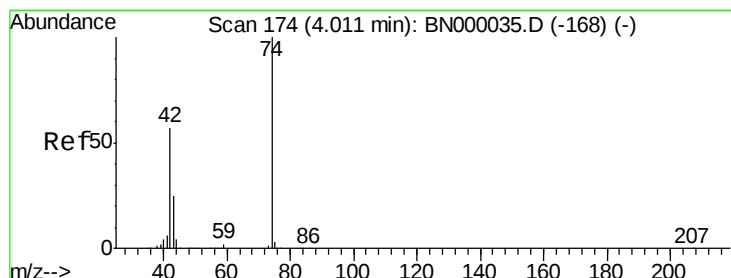
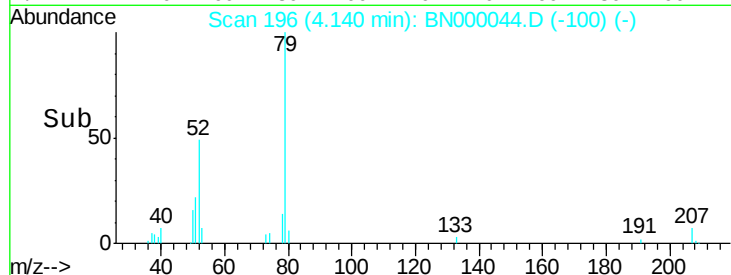
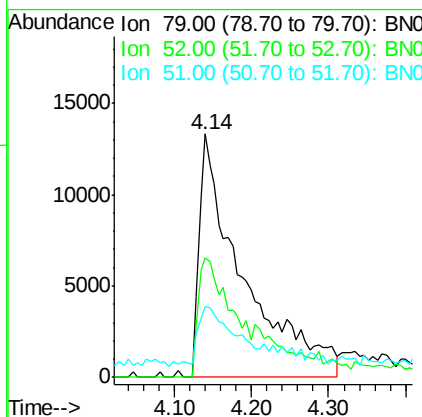
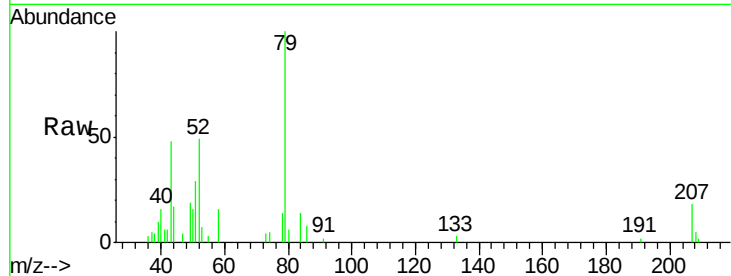
ClientSampleId :

MDL-S-06

Tot Ion:	79	Resp:	52353
Ion Ratio	Lower	Upper	
79	100		
52	48.9	44.0	66.0
51	29.2	24.0	36.0

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#4

n-Nitrosodimethylamine

Concen: 3.322 ng/ml

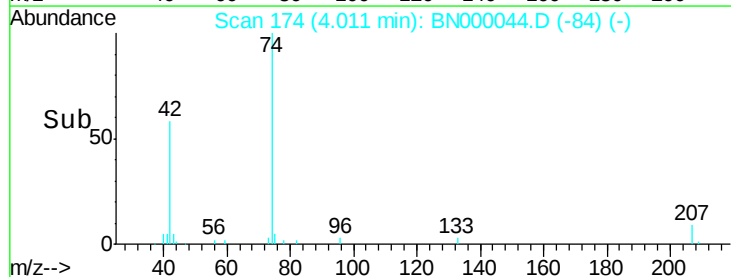
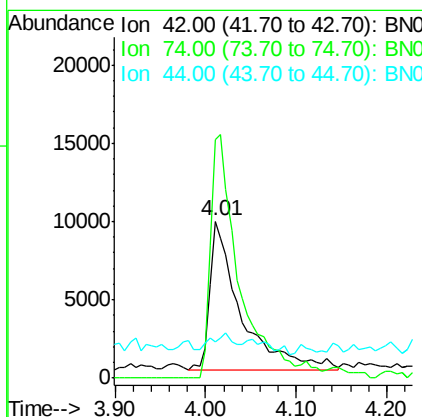
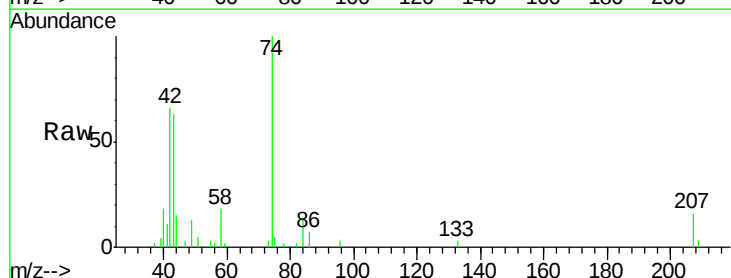
RT: 4.01 min Scan# 174

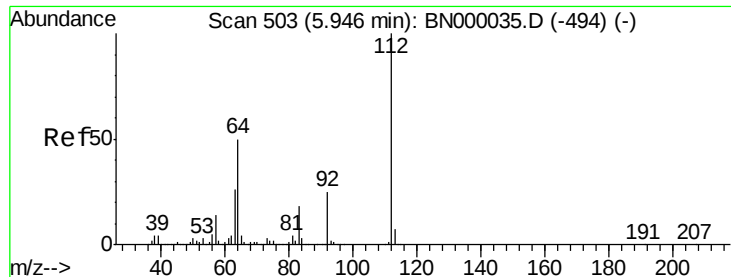
Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	42	Resp:	23032
Ion Ratio	Lower	Upper	
42	100		
74	152.3	128.0	192.0
44	23.1	12.0	18.0





#5

2-Fluorophenol

Concen: 156.298 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

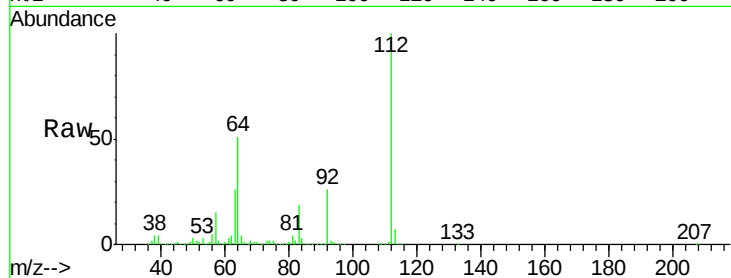
ClientSampled :

MDL-S-06

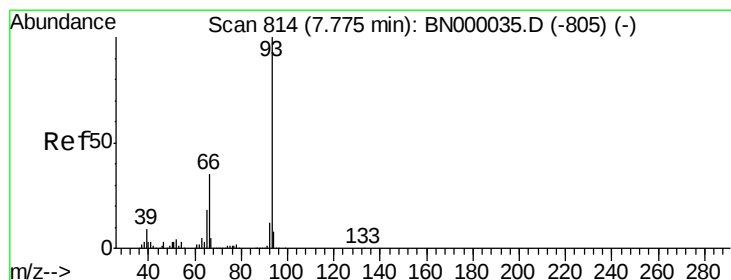
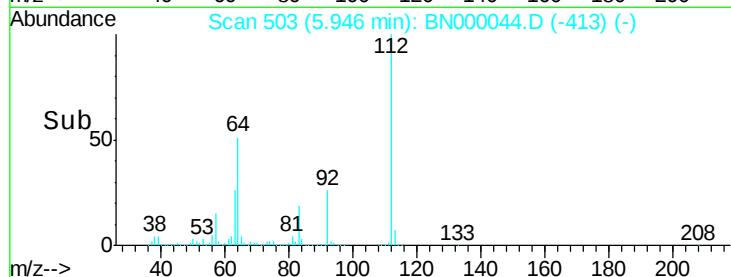
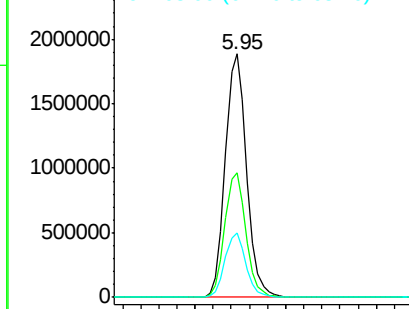
Tot Ion:	112	Resp:	3059171
Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	26.4	30.1	45.1#

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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 2.649 ng

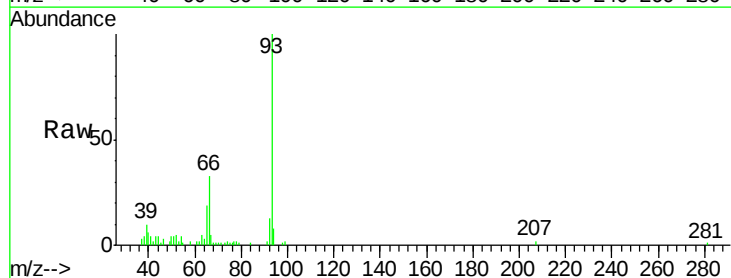
RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

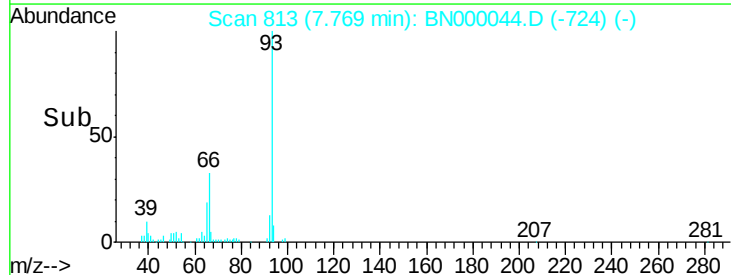
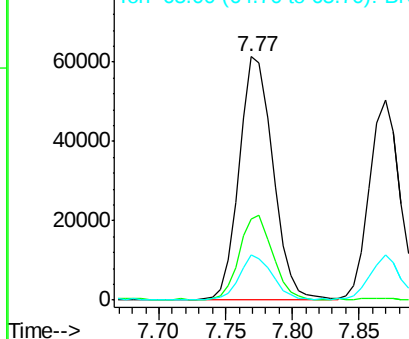
Lab File: BN000044.D

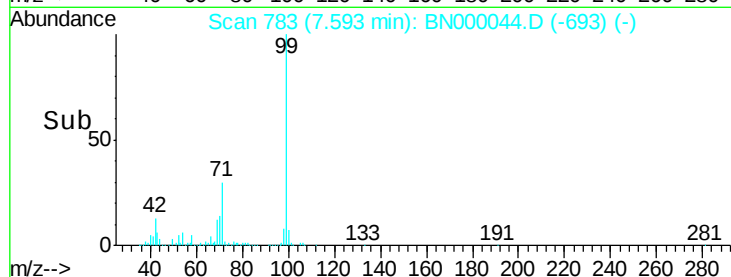
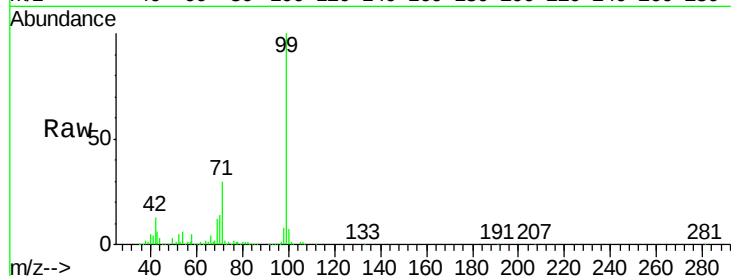
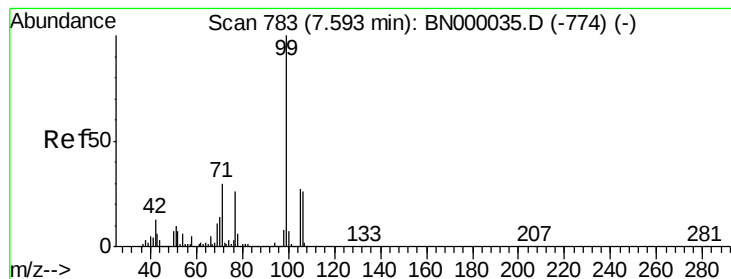
Acq: 07 Feb 2018 20:23

Tgt Ion:	93	Resp:	108188
Ion	Ratio	Lower	Upper
93	100		
66	33.4	33.7	50.5#
65	18.6	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 66.00 (65.70 to 66.70): BNC
Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 146.229 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tot Ion: 99 Resp: 4335372

Ion Ratio Lower Upper

99 100

42 12.6 14.1 21.1#

71 30.0 26.1 39.1

Instrument :

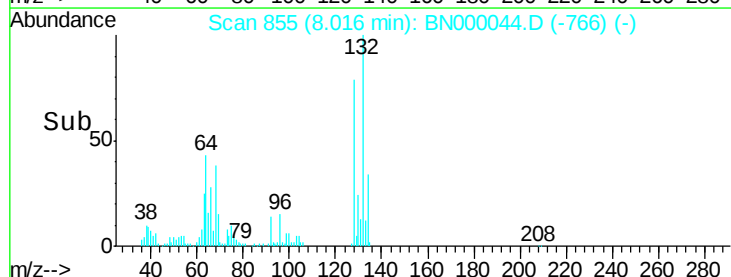
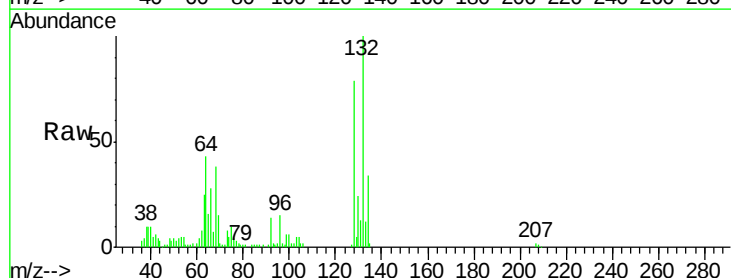
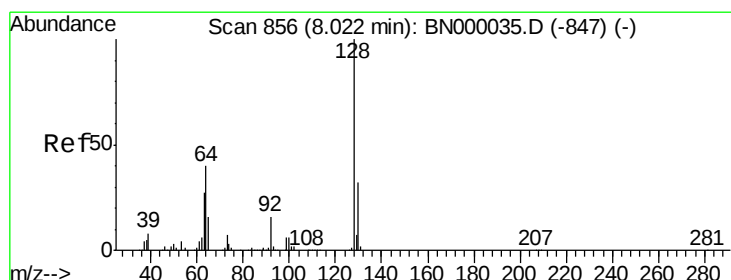
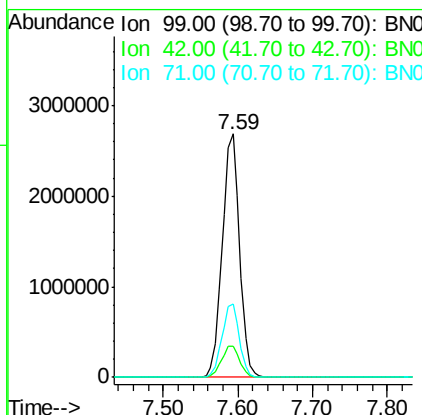
BNA_N

ClientSampled :

MDL-S-06

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#8

2-Chlorophenol

Concen: 3.765 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

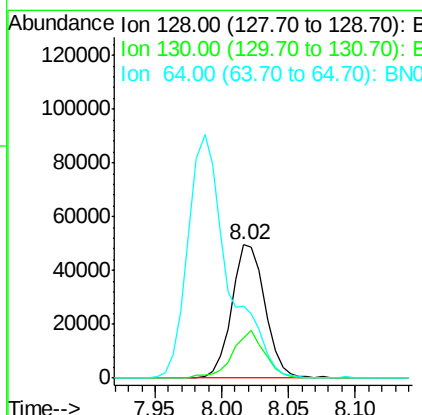
Tgt Ion:128 Resp: 86185

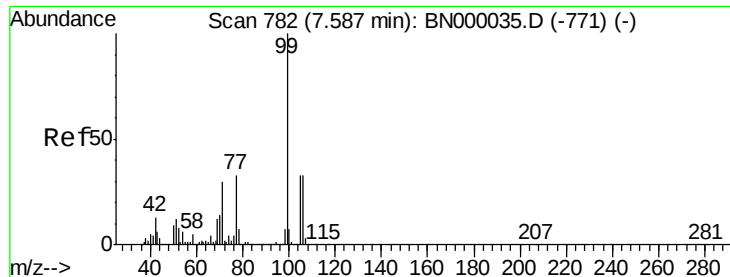
Ion Ratio Lower Upper

128 100

130 30.2 14.0 54.0

64 54.2 37.7 77.7





#9

Benzaldehyde

Concen: 3.718 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

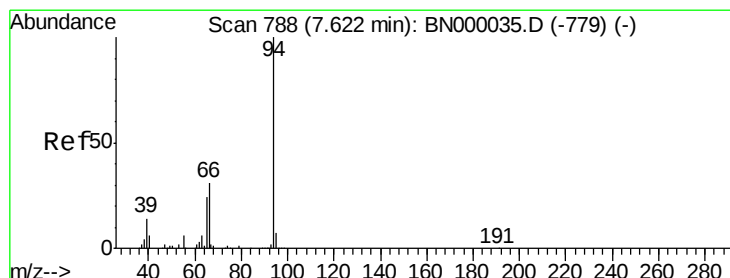
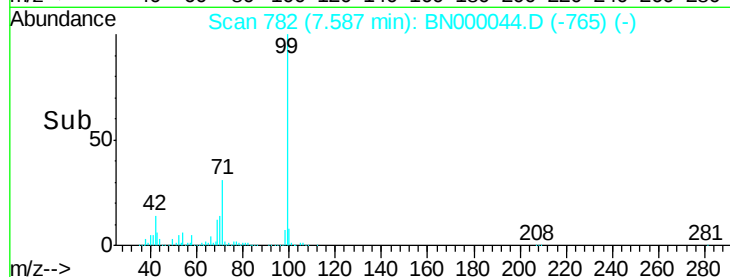
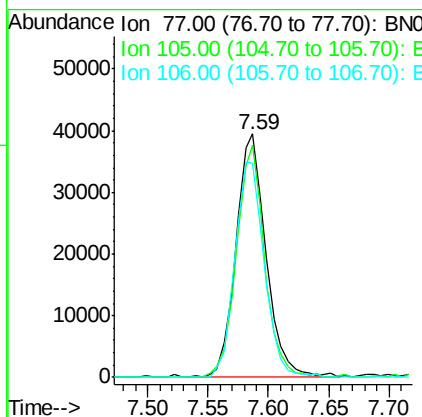
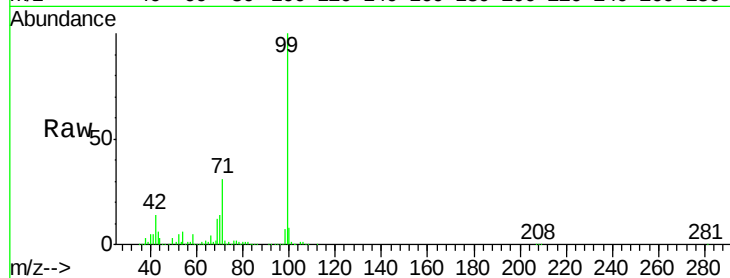
ClientSampled :

MDL-S-06

Tot Ion:	77	Resp:	68568
Ion	Ratio	Lower	Upper
77	100		
105	95.6	71.3	111.3
106	87.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 3.945 ng

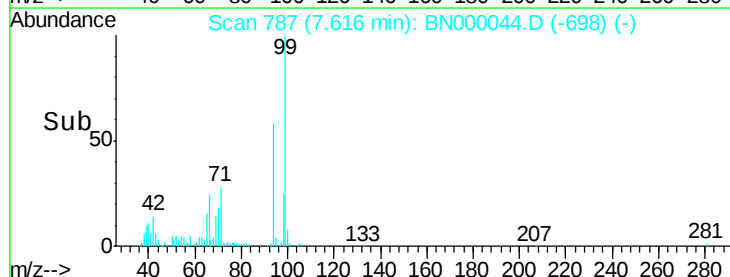
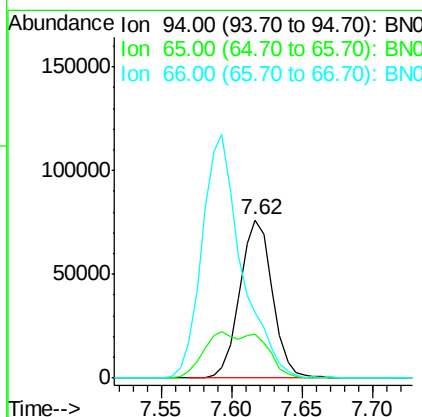
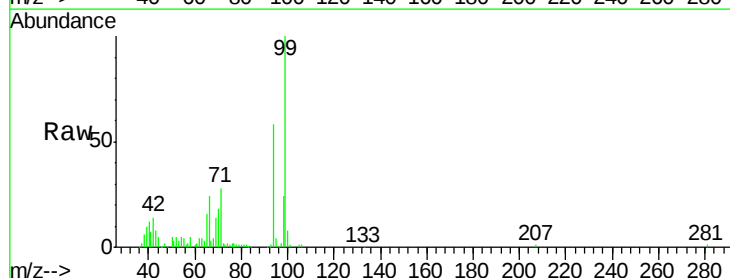
RT: 7.62 min Scan# 787

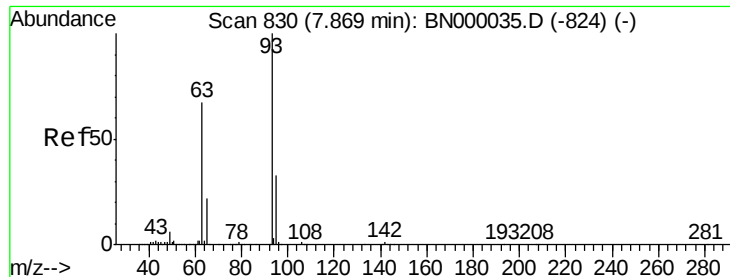
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	94	Resp:	123462
Ion	Ratio	Lower	Upper
94	100		
65	28.1	11.9	51.9
66	41.2	22.2	62.2





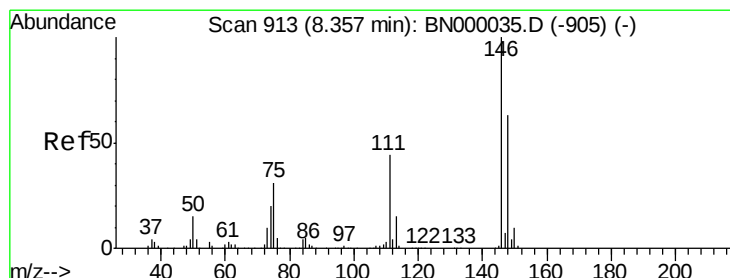
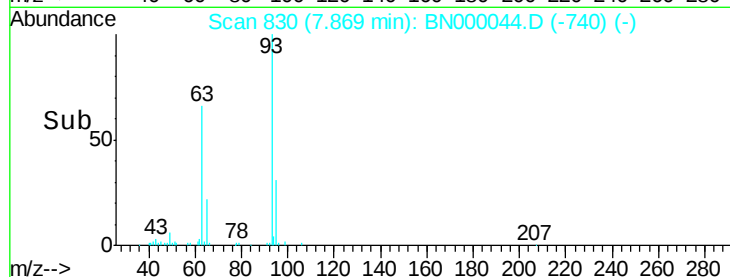
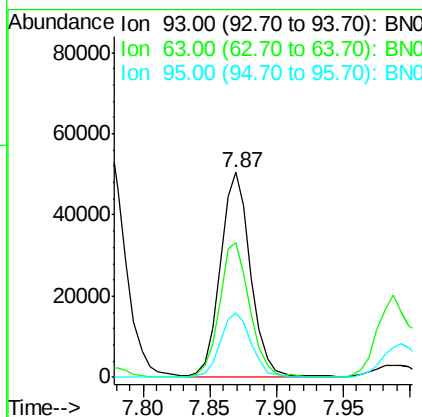
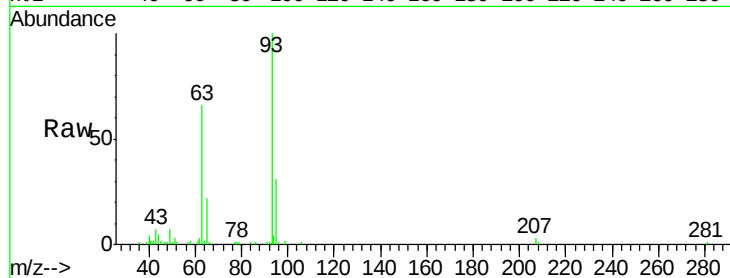
#11
bis(2-Chloroethyl)ether
Concen: 3.139 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.9	67.1	107.1#
95	31.4	11.5	51.5

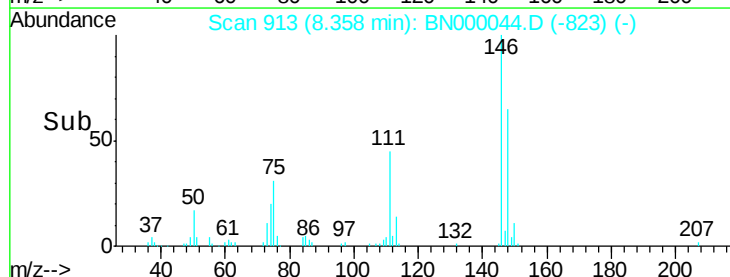
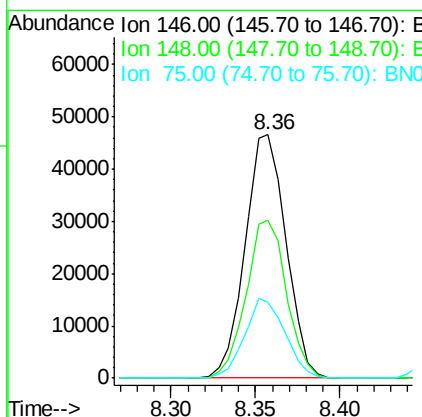
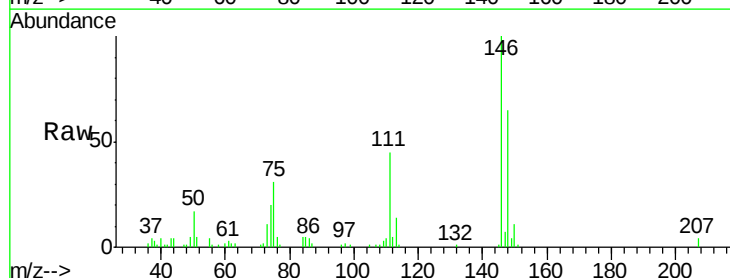
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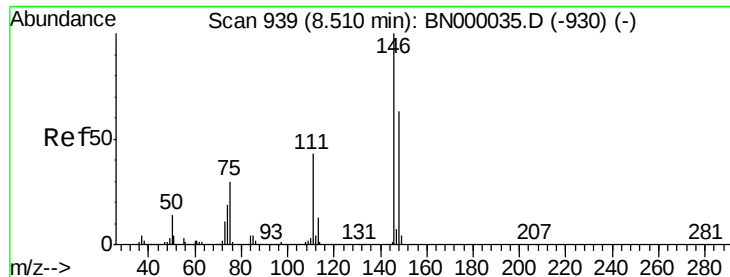
Sohil
2/8/2018 3:37:35 PM



#12
1,3-Dichlorobenzene
Concen: 3.027 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
75	31.2	26.6	39.8





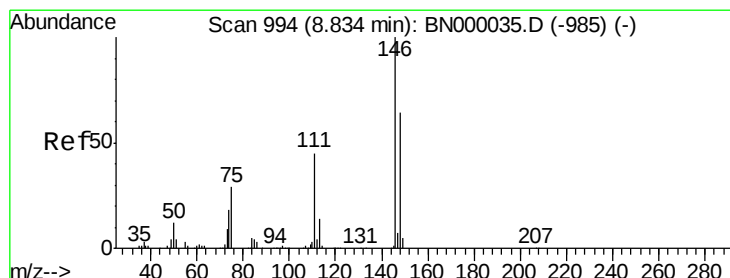
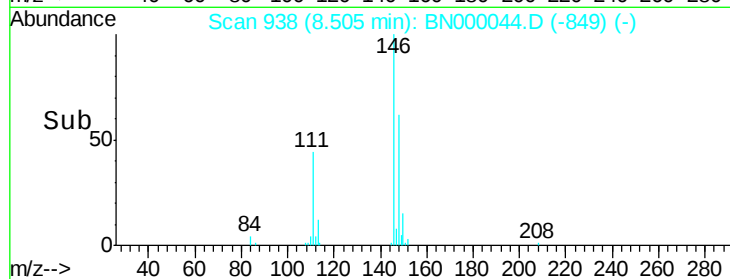
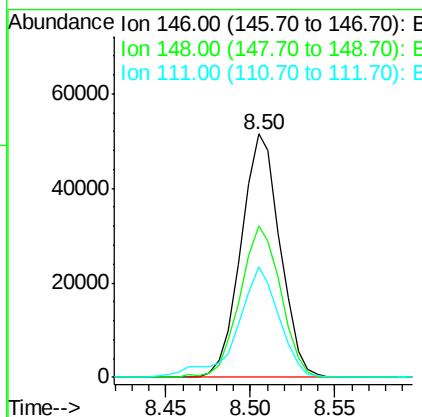
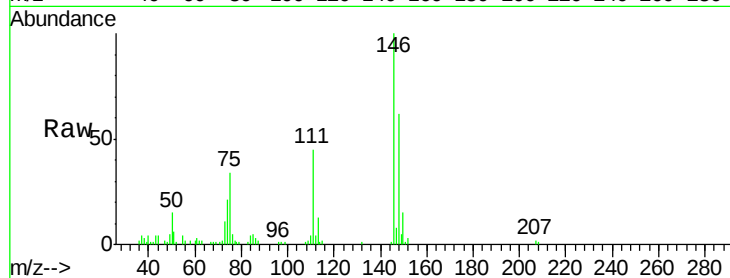
#13
1,4-Dichlorobenzene
Concen: 3.105 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.7	80.5
111	45.1	35.2	52.8

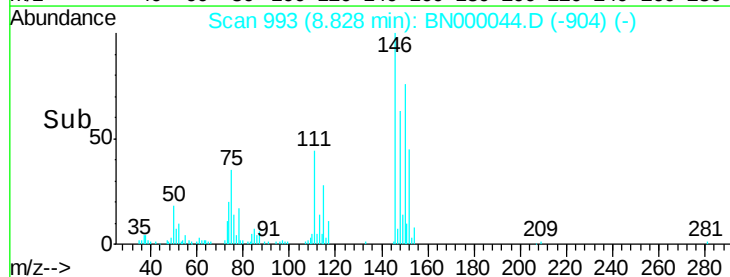
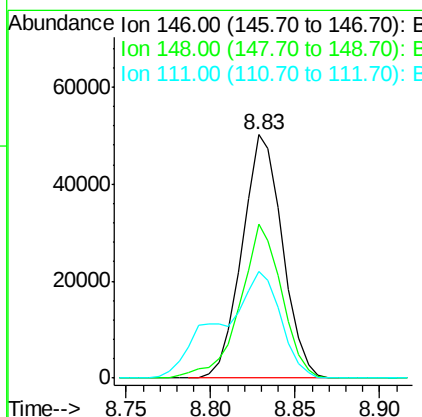
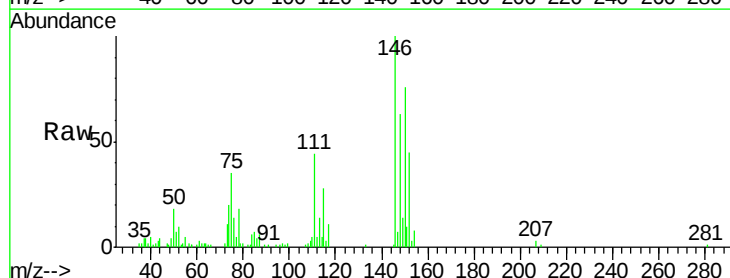
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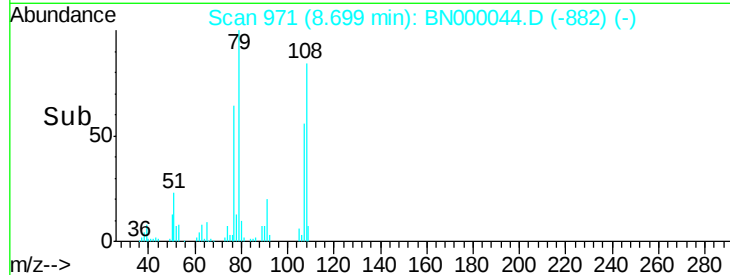
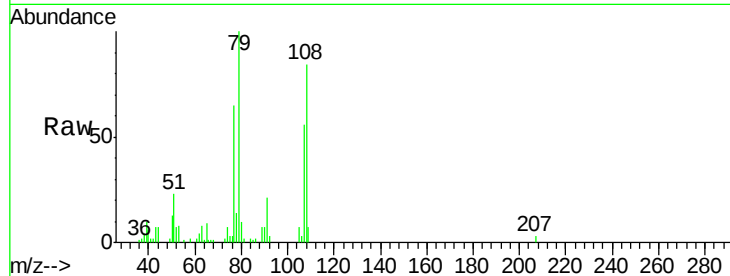
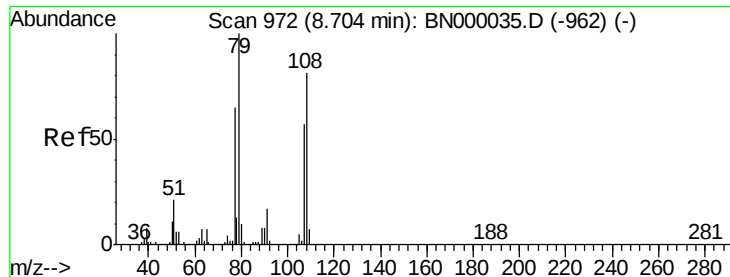
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#14
1,2-Dichlorobenzene
Concen: 3.174 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.3	73.9
111	43.8	34.3	51.5





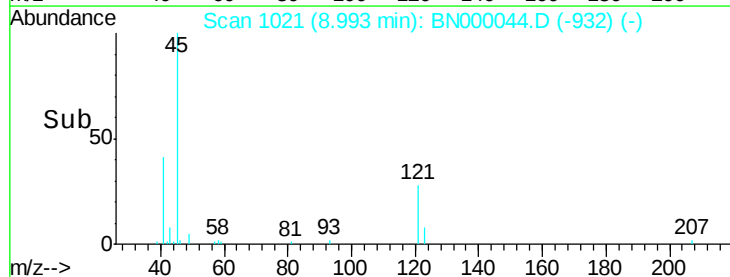
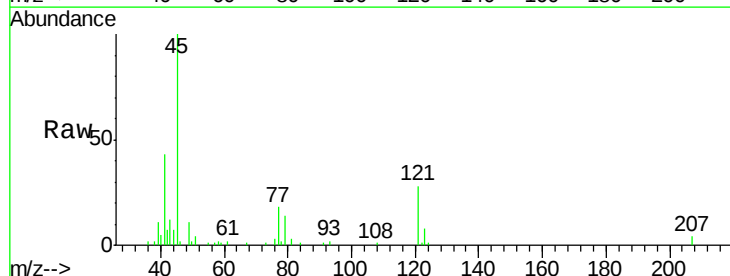
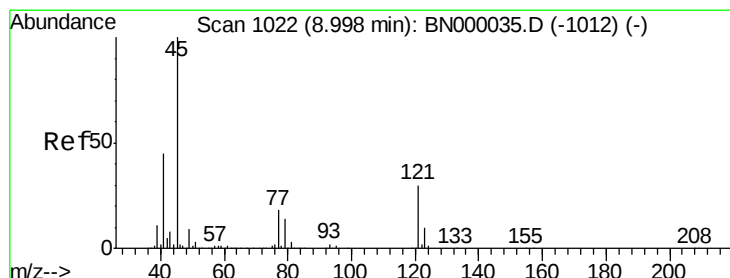
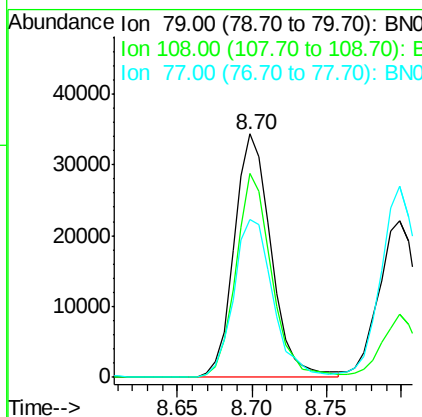
#15
Benzyl Alcohol
Concen: 2.783 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tot Ion:	79	Resp:	59298
Ion Ratio	Lower	Upper	
79	100		
108	83.6	57.2	85.8
77	64.9	46.1	69.1

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

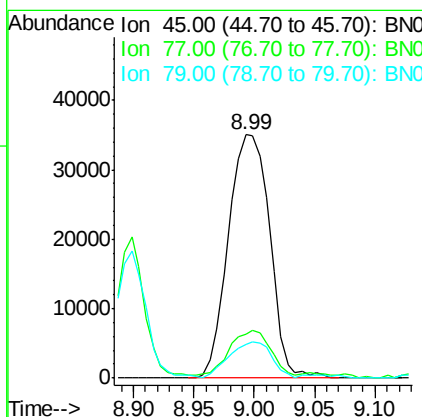
Manual Integrations
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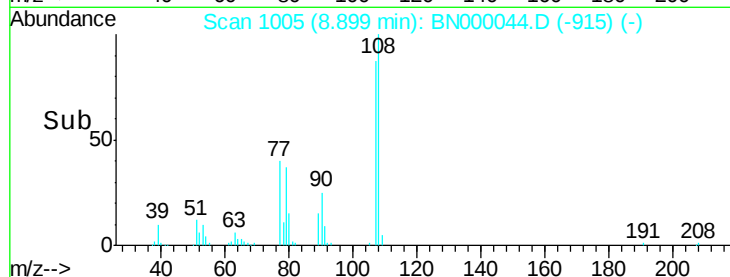
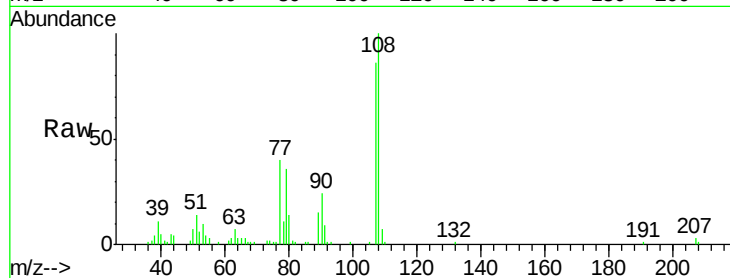
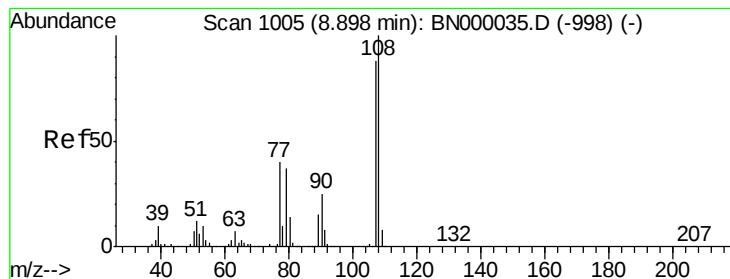
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.074 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:	45	Resp:	83741
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	30.2
79	13.8	0.0	27.9





#17

2-Methylphenol

Concen: 3.176 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tot Ion	107	Resp	70626
Ion Ratio	Lower	Upper	
107	100		
108	115.6	83.9	125.9
77	46.8	37.2	55.8
79	42.1	36.2	54.2

Instrument :

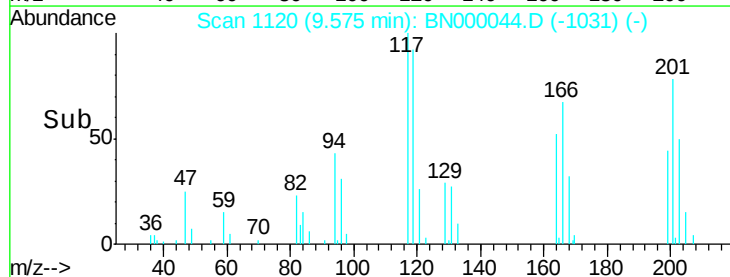
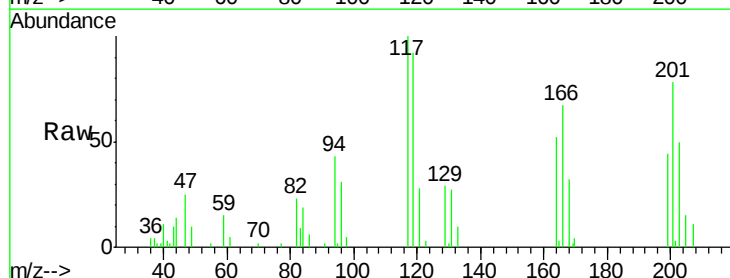
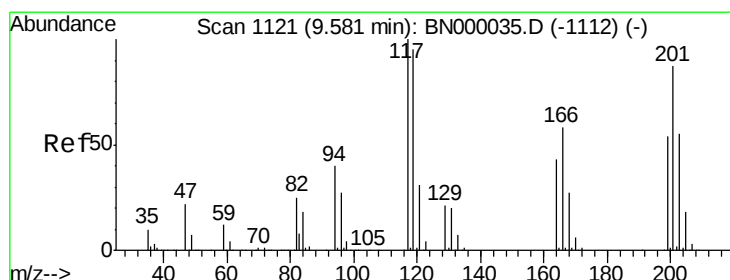
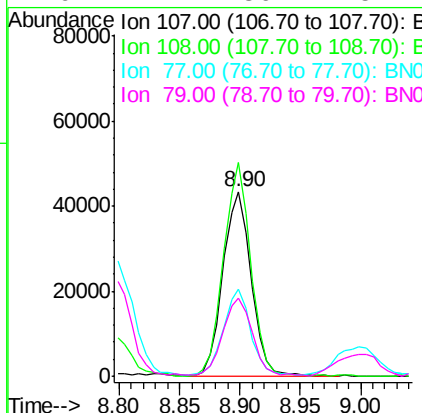
BNA_N

ClientSampled :

MDL-S-06

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#18

Hexachloroethane

Concen: 2.879 ng

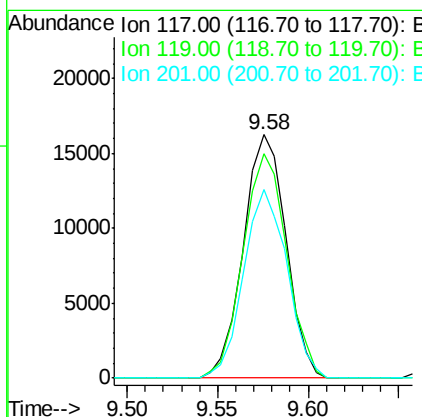
RT: 9.58 min Scan# 1120

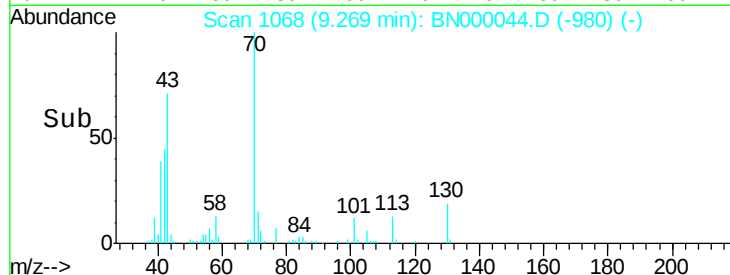
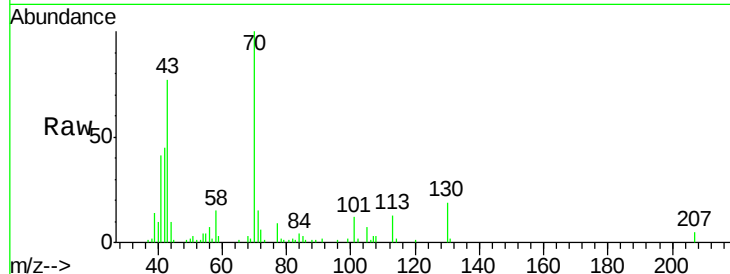
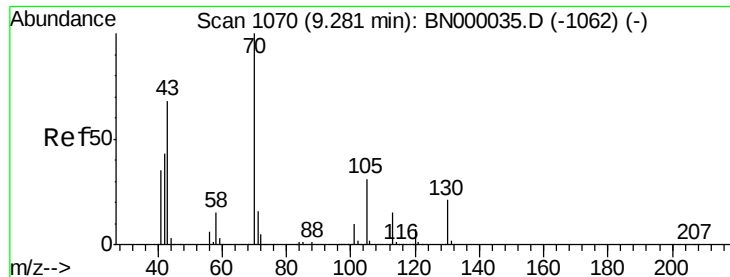
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion	117	Resp	26613
Ion Ratio	Lower	Upper	
117	100		
119	92.0	76.7	115.1
201	80.4	95.7	143.5#





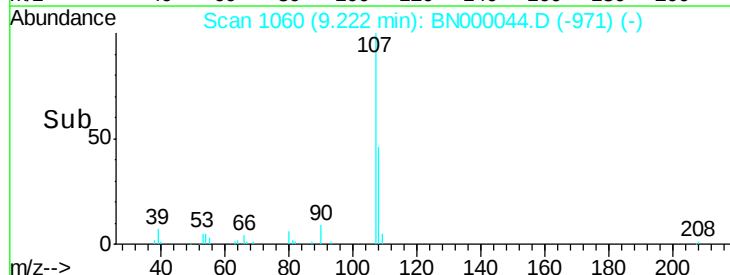
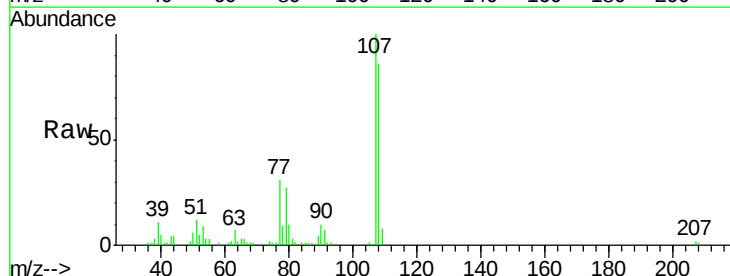
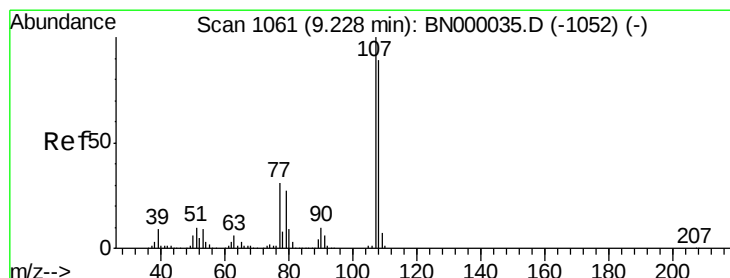
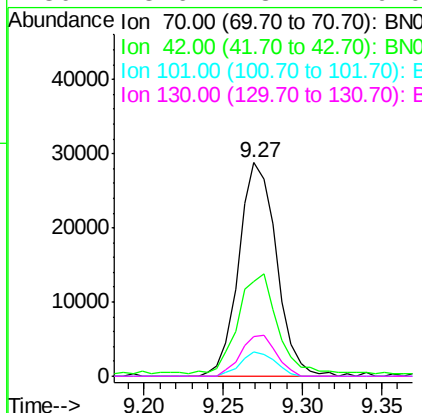
#19
n-Nitroso-di-n-propylamine
Concen: 2.393 ng
RT: 9.27 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.6	49.1	73.7#	
101	11.5	8.5	12.7	
130	18.6	13.4	20.0	

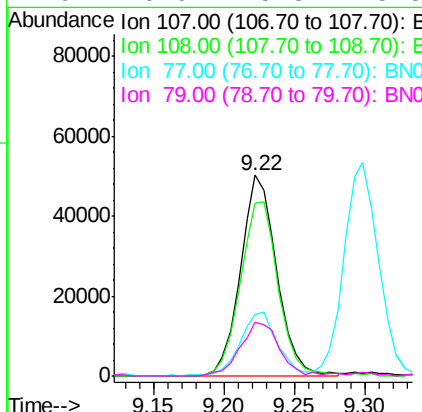
Manual Integrations
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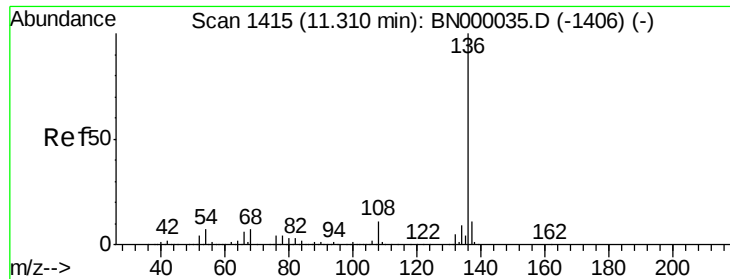
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#20
3+4-Methylphenols
Concen: 2.898 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	61.6	101.6	
77	30.5	13.9	53.9	
79	26.9	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

Tot Ion:136 Resp: 1570371

Ion Ratio Lower Upper

136 100

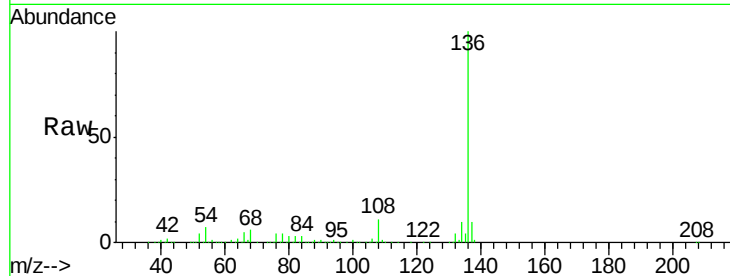
137 10.5 9.2 13.8

54 6.8 10.3 15.5#

68 6.2 4.5 6.7

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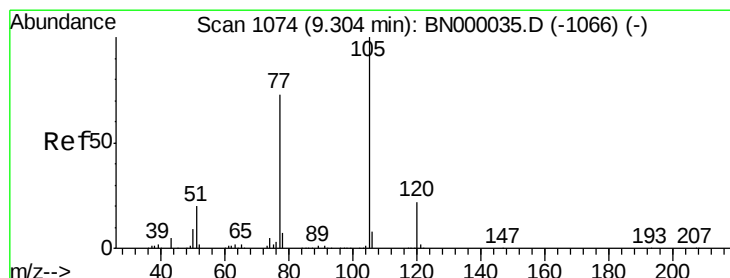
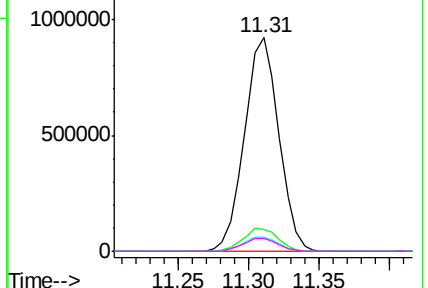
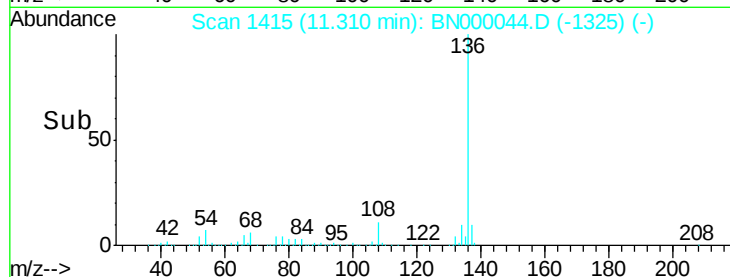


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 2.822 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:105 Resp: 124194

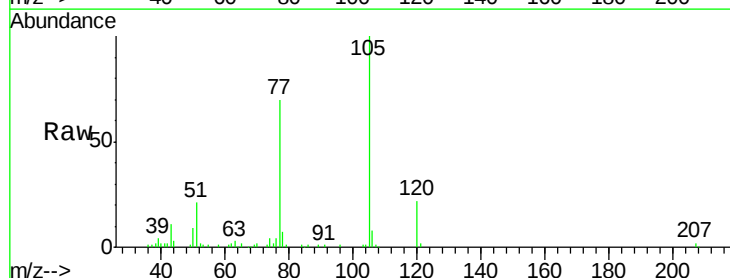
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 20.5 26.1 39.1#

120 22.2 17.4 26.2

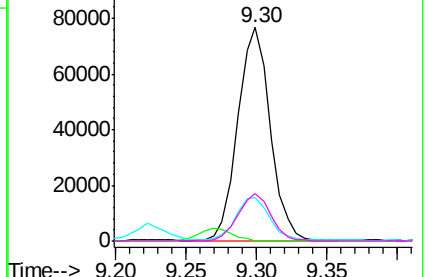
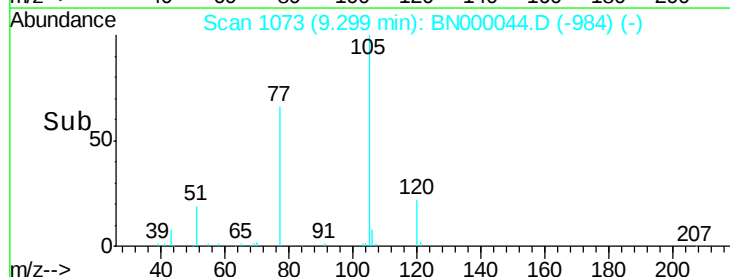


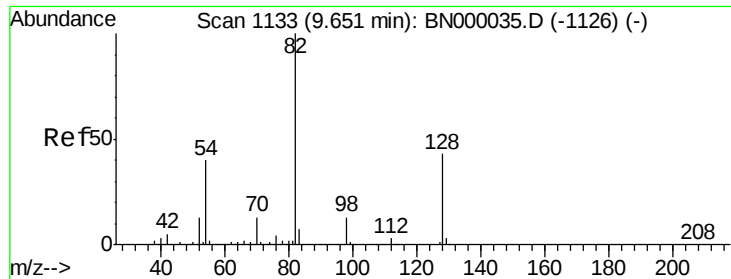
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





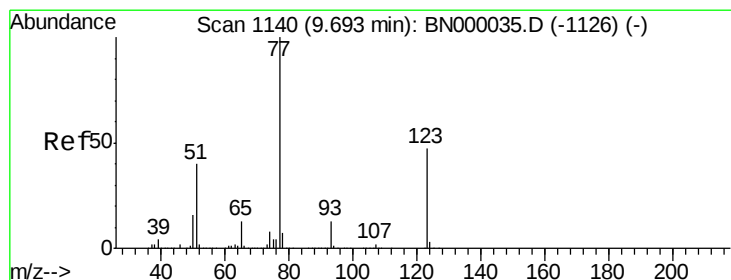
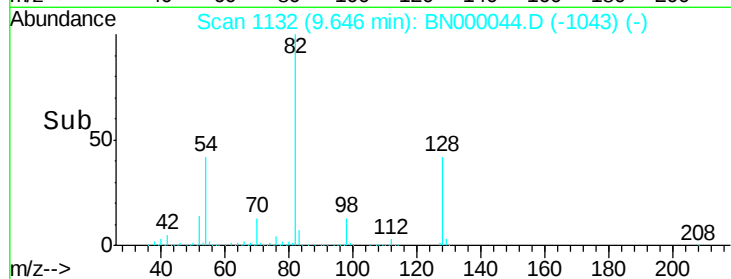
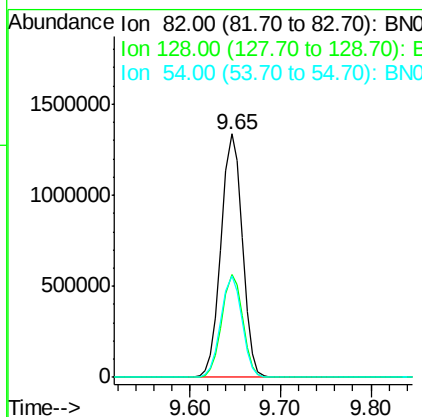
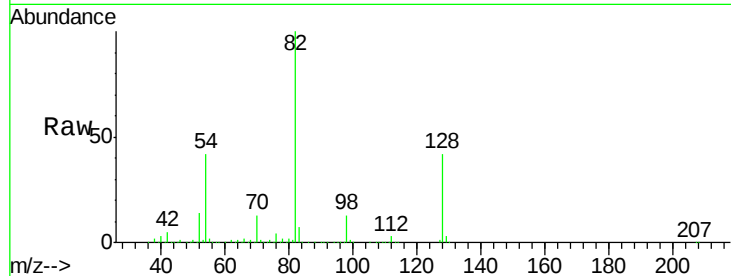
#23
Nitrobenzene-d5
Concen: 82.205 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	82	Resp	2171224
Ion Ratio	100	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	41.5	43.1	64.7#

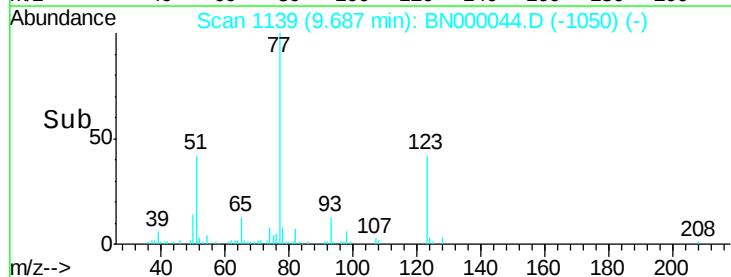
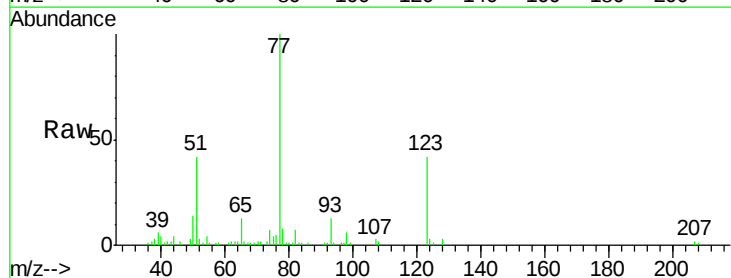
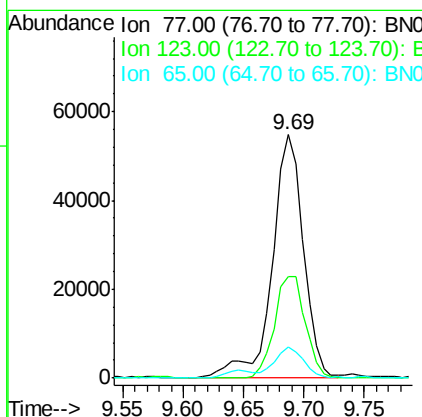
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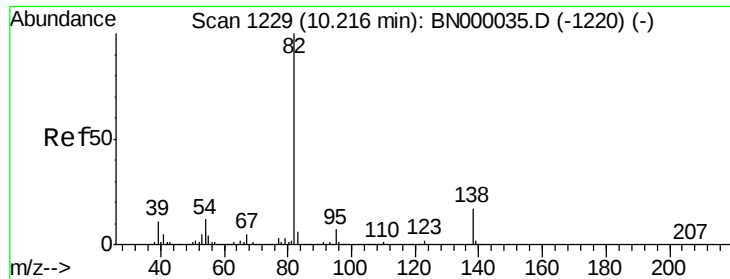
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#24
Nitrobenzene
Concen: 3.388 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	77	Resp	97819
Ion Ratio	100	Lower	Upper
77	100		
123	41.8	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 2.543 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

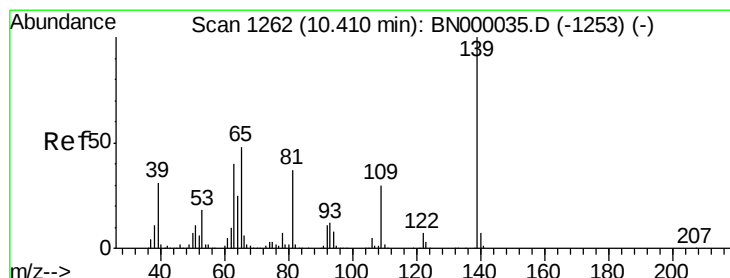
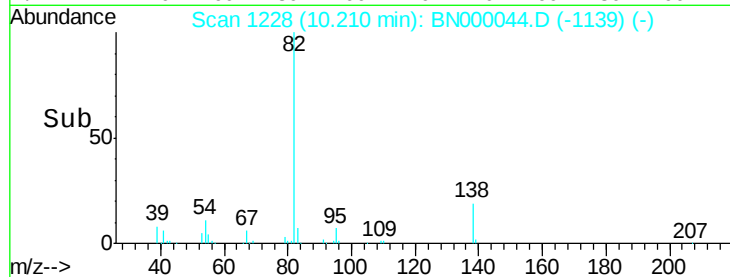
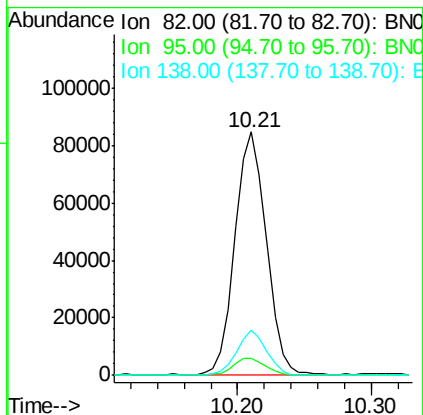
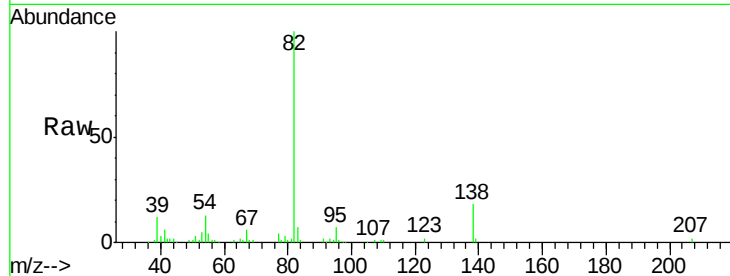
ClientSampled :

MDL-S-06

Tot Ion	82	Resp	138835
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.2	9.2
138	18.4	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 8.631 ng

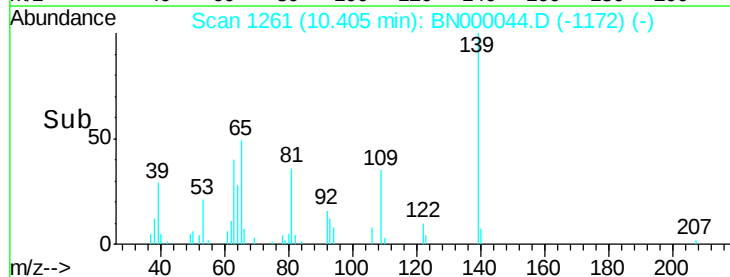
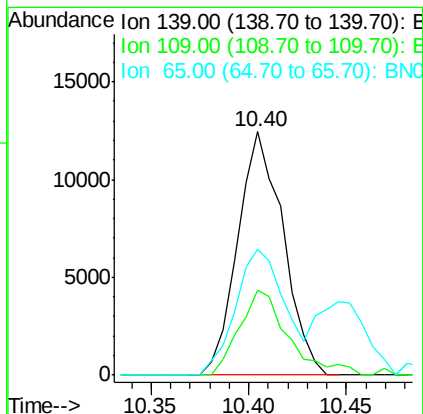
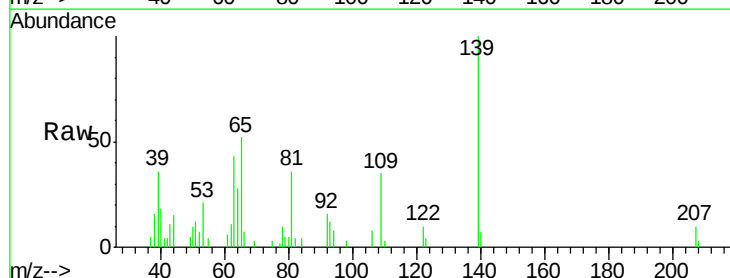
RT: 10.40 min Scan# 1261

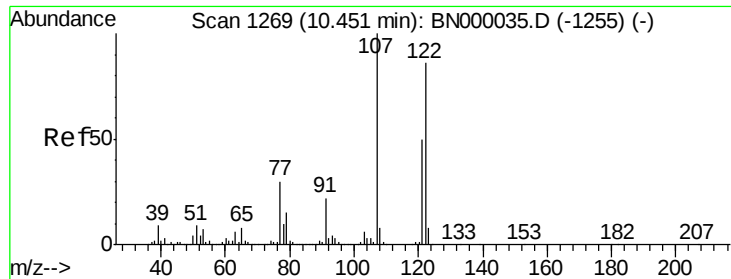
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion	139	Resp	20018
Ion Ratio	Lower	Upper	
139	100		
109	34.6	24.2	36.2
65	51.6	47.4	71.0





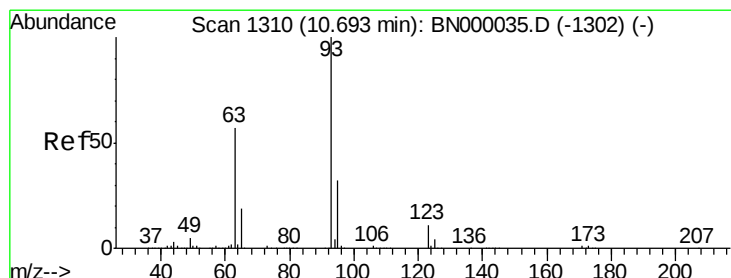
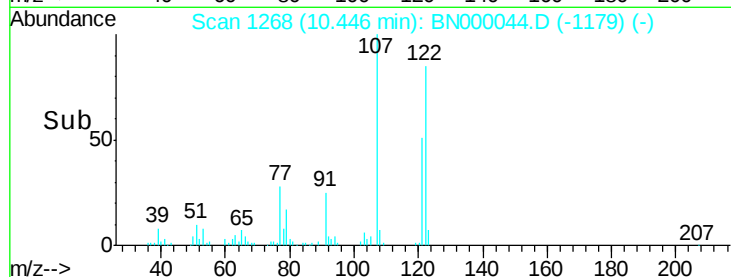
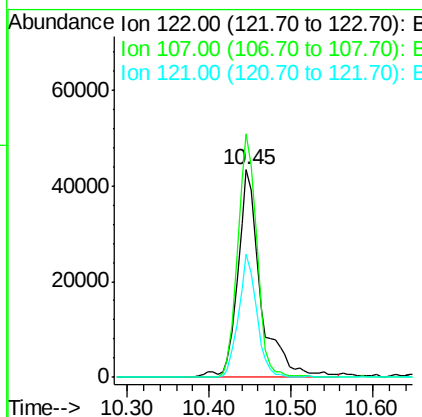
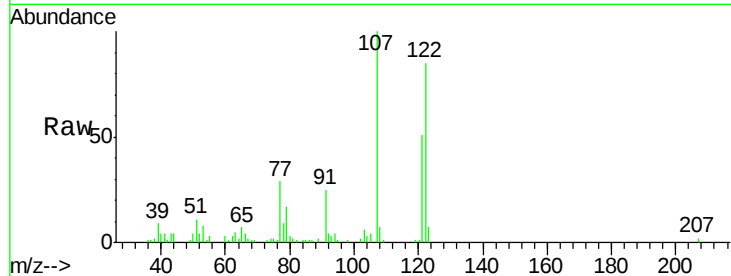
#27
 2,4-Dimethylphenol
 Concen: 3.600 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		85205		
107	117.4	100.2	150.2		
121	59.4	44.4	66.6		

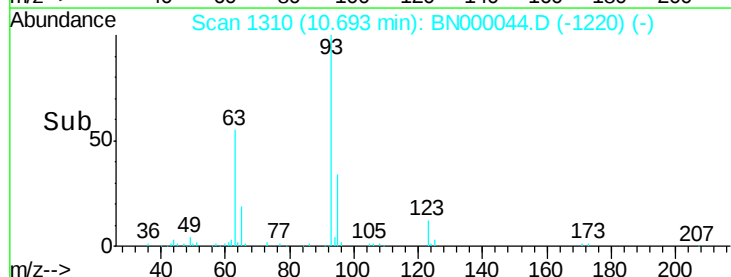
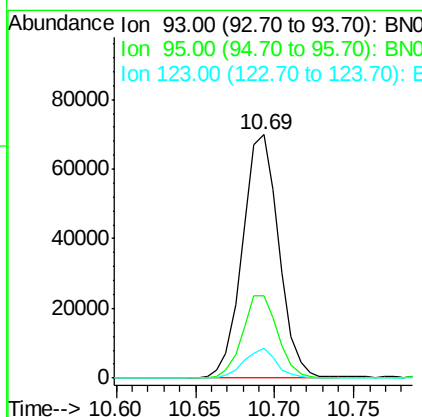
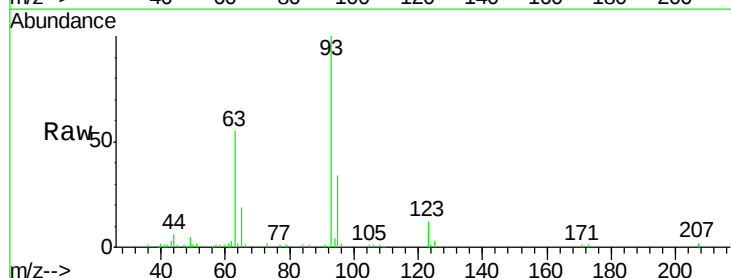
Manual Integrations
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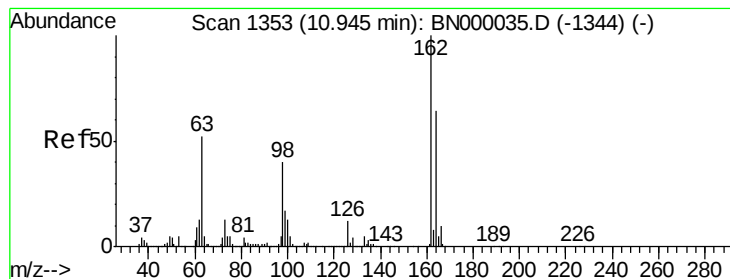
Sohil
 2/8/2018 3:37:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.180 ng
 RT: 10.69 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		111357		
95	33.7	24.3	36.5		
123	12.1	8.4	12.6		





#29

2,4-Dichlorophenol

Concen: 2.697 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

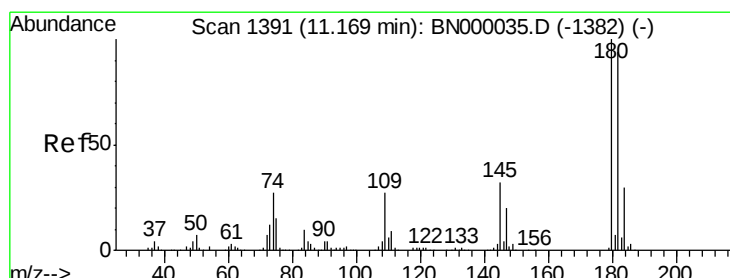
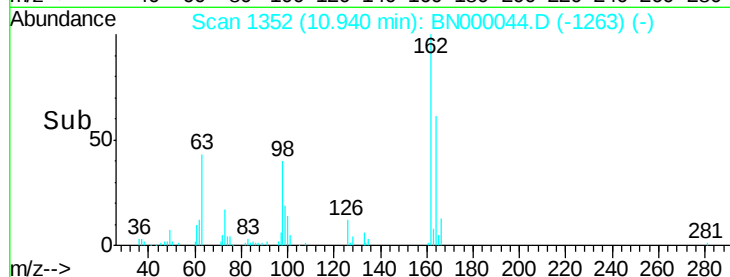
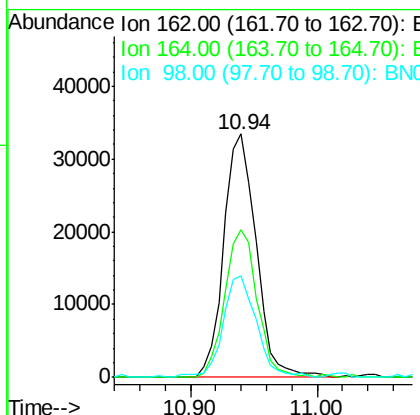
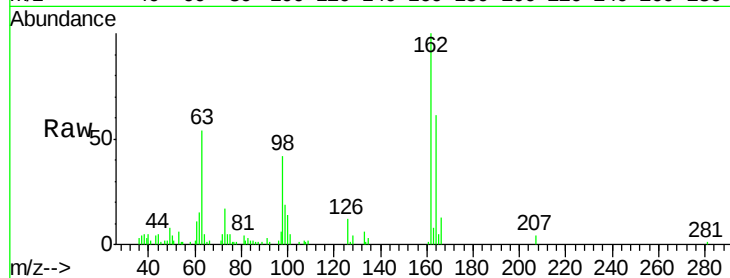
ClientSampleId :

MDL-S-06

Tot Ion:	162	Resp:	59084
Ion Ratio	Lower	Upper	
162	100		
164	60.9	48.0	88.0
98	41.6	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 2.951 ng

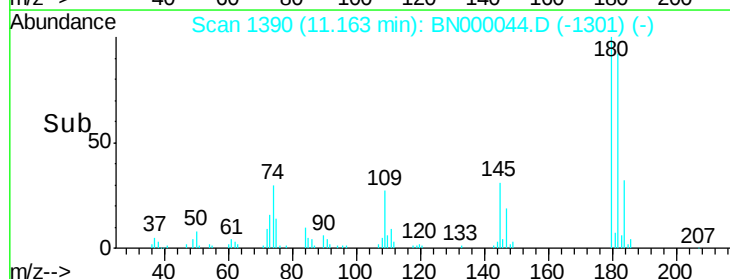
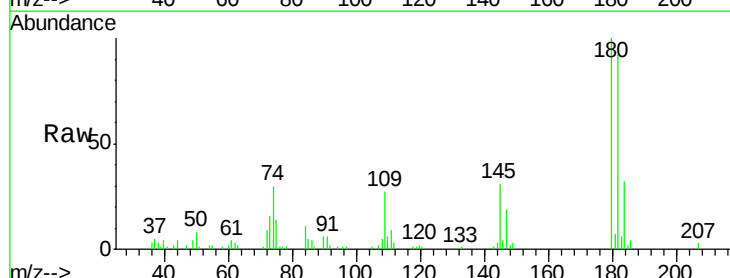
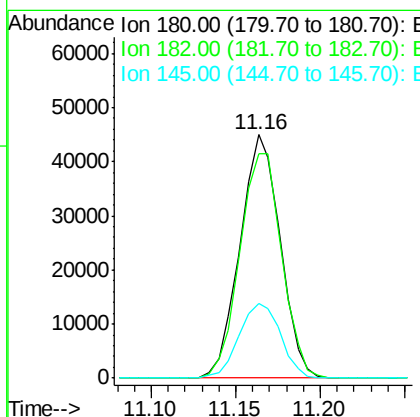
RT: 11.16 min Scan# 1390

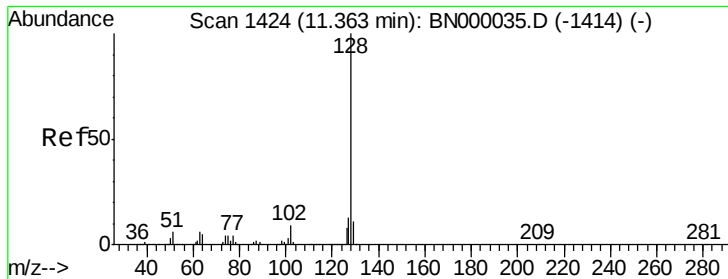
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	180	Resp:	74441
Ion Ratio	Lower	Upper	
180	100		
182	92.3	77.5	116.3
145	30.8	23.4	35.2





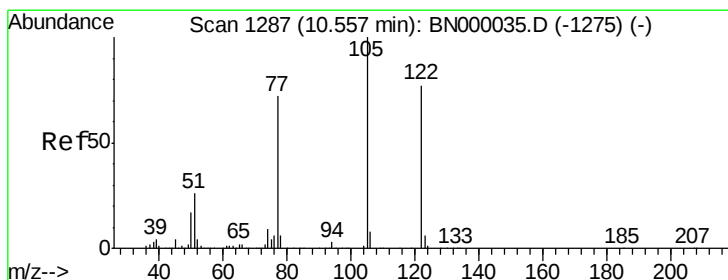
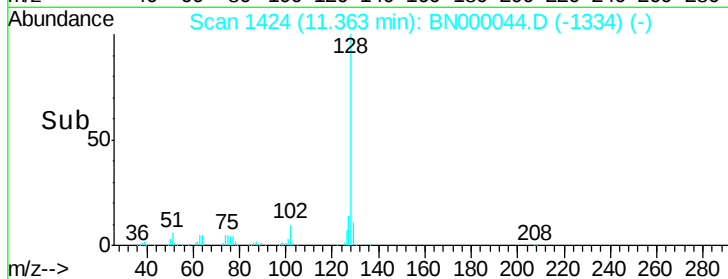
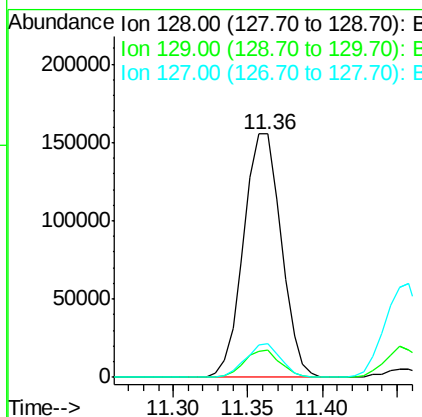
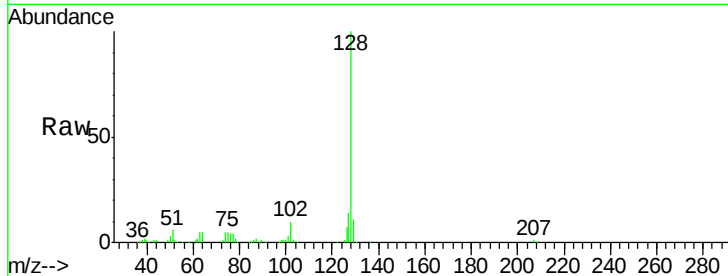
#31
Naphthalene
Concen: 3.165 ng
RT: 11.36 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	Ratio	Resp	Lower	Upper
128	100	272461		
129	11.0		8.6	12.8
127	13.7		11.6	17.4

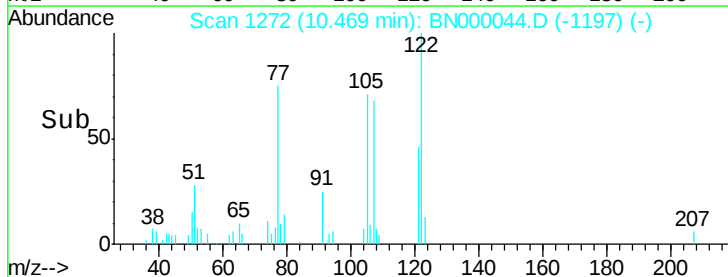
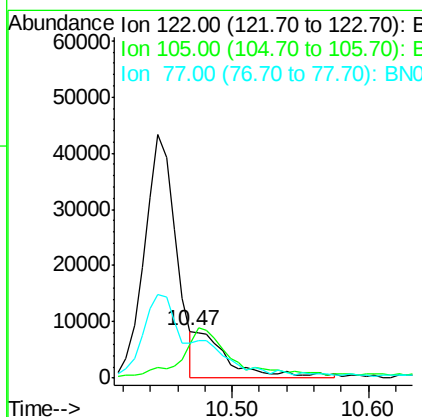
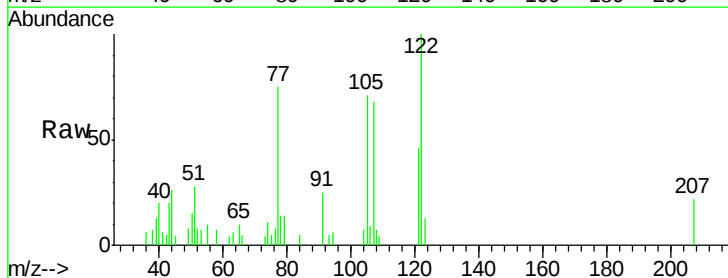
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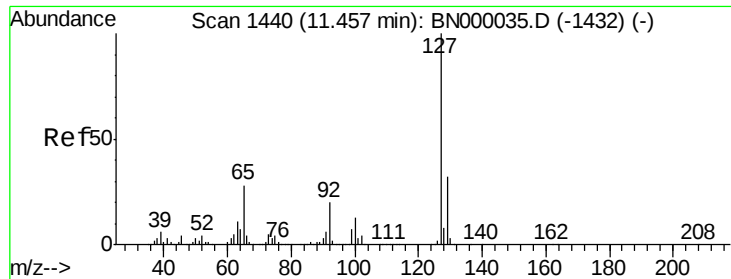
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#32
Benzoic acid
Concen: 11.205 ng m
RT: 10.47 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14913		
105	70.8		123.5	163.5#
77	75.0		85.7	125.7#





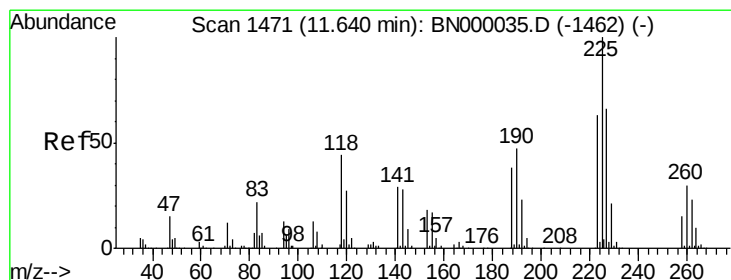
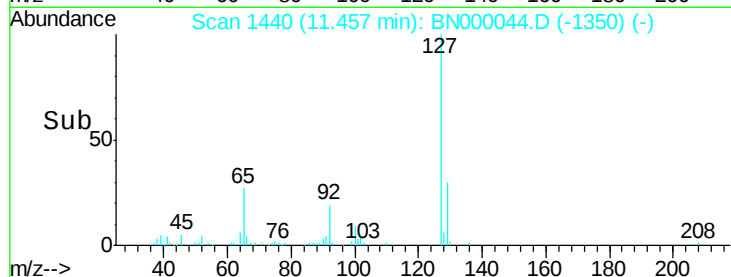
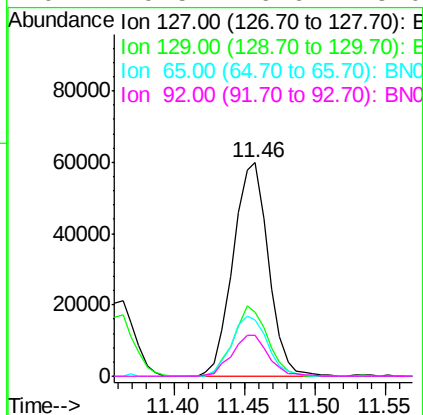
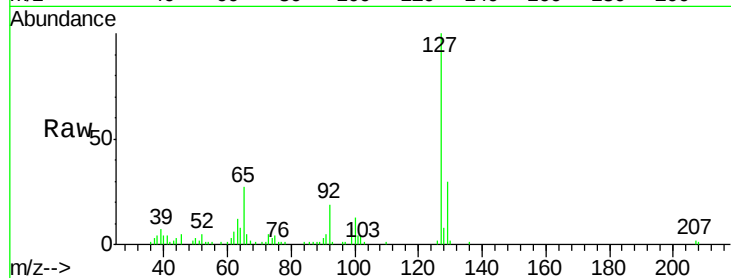
#33
4-Chloroaniline
Concen: 2.771 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.0	36.0
65	26.5	27.0	40.4
92	19.5	16.6	25.0

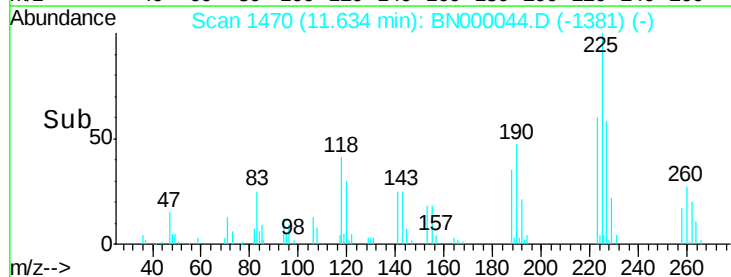
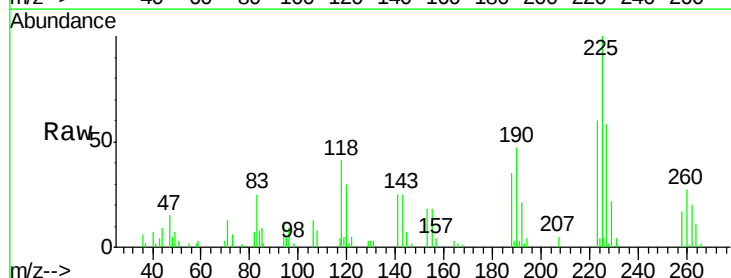
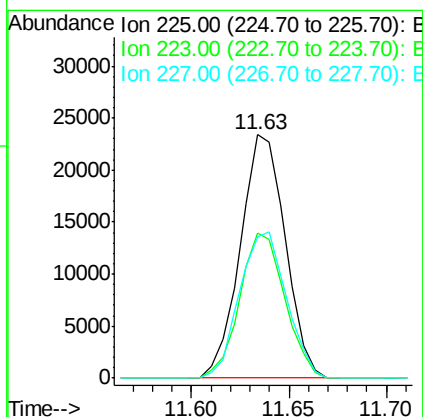
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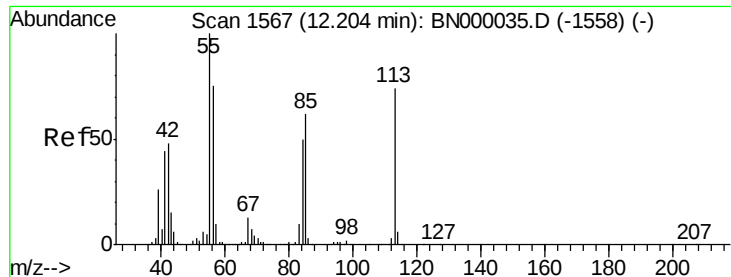
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#34
Hexachlorobutadiene
Concen: 2.854 ng
RT: 11.63 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.7	74.5
227	58.0	48.1	72.1





#35

Caprolactam

Concen: 5.624 ng

RT: 12.18 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

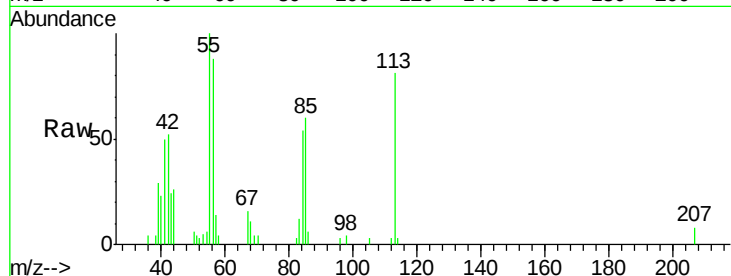
ClientSampleId :

MDL-S-06

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.6	120.0	160.0
56	108.3	90.0	130.0

Manual Integrations
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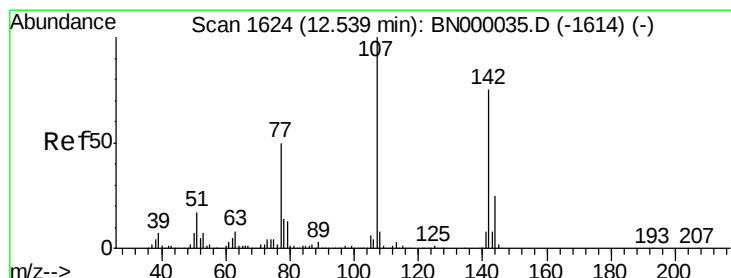
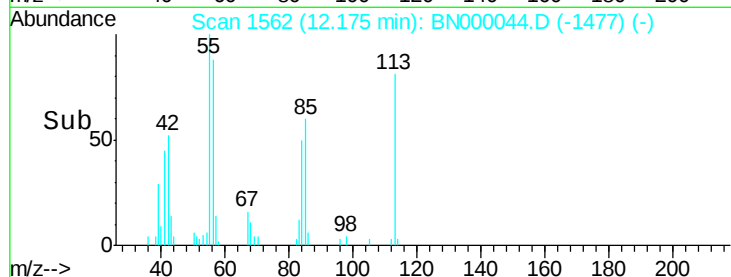
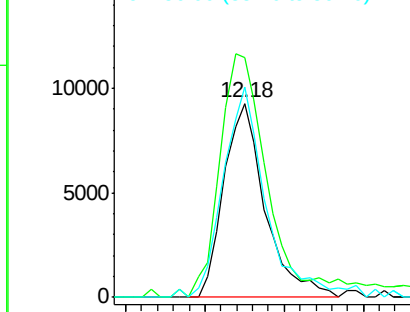
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 2.566 ng

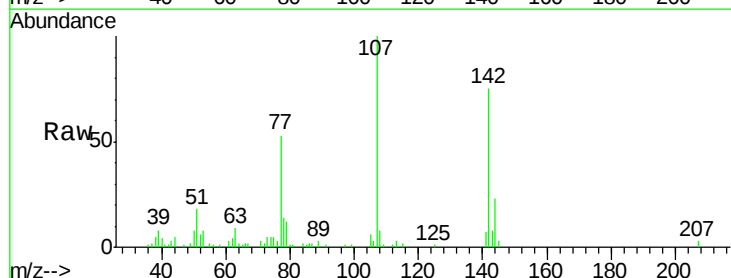
RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

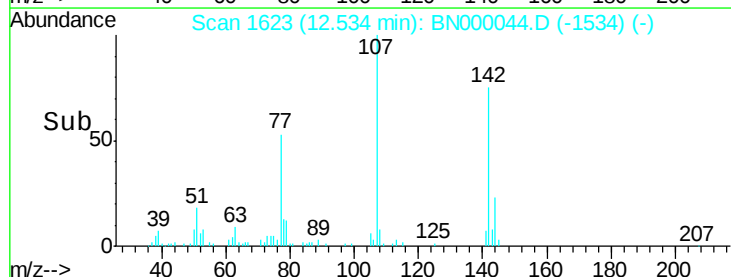
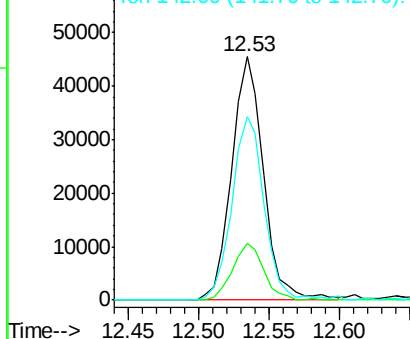
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.2	27.4
142	75.4	59.0	88.4

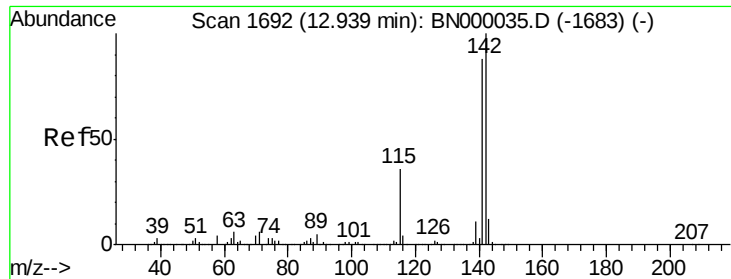


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





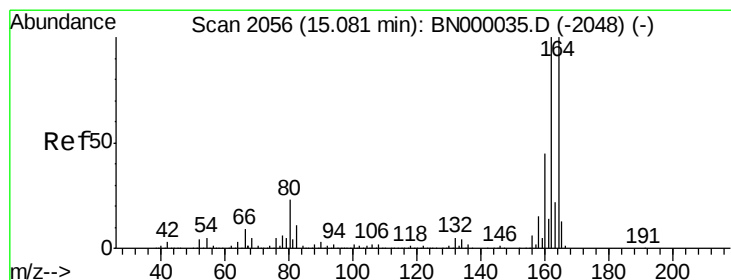
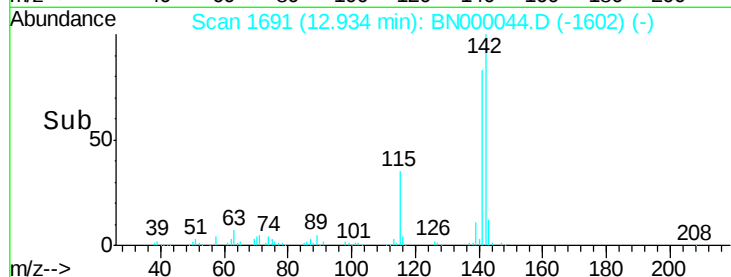
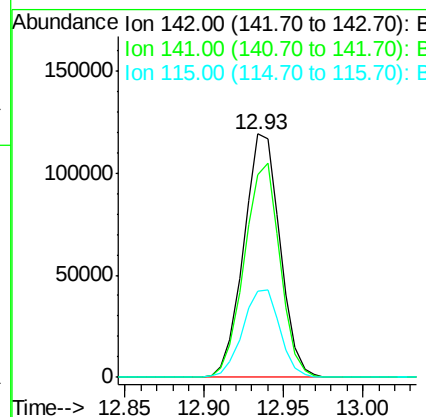
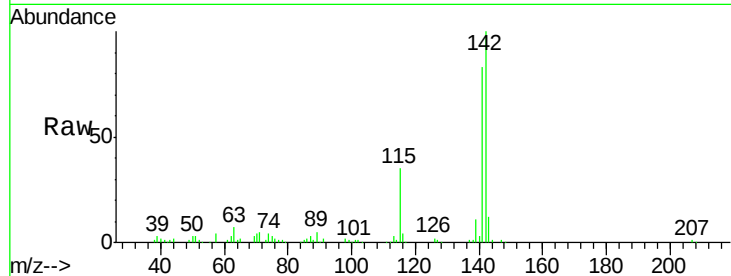
#37
2-Methylnaphthalene
Concen: 3.158 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		189144		
141	83.4	67.1	100.7		
115	35.3	30.7	46.1		

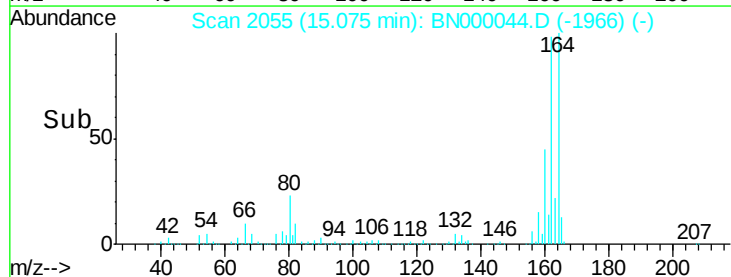
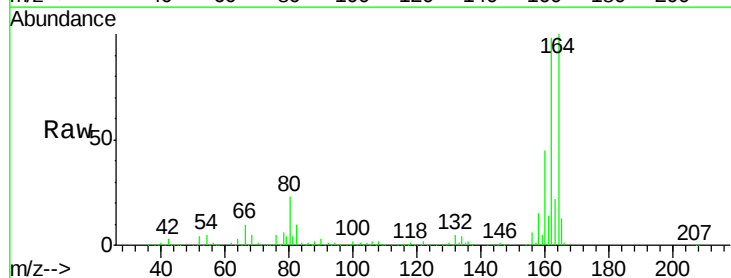
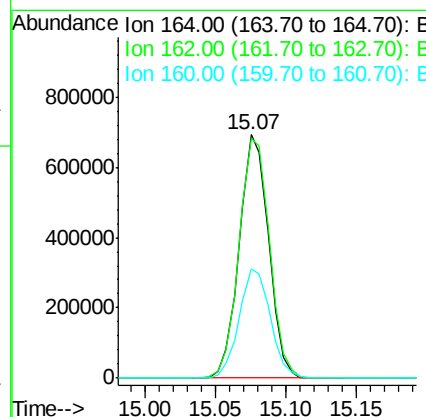
Manual Integrations
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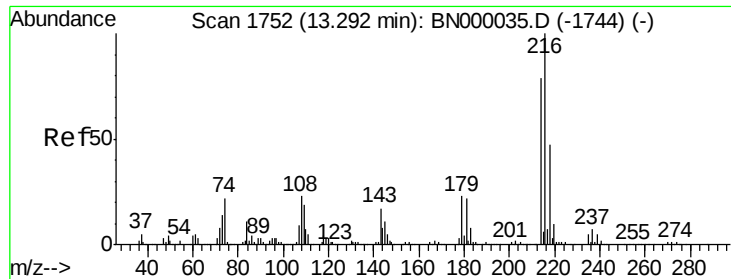
Sohil
2/8/2018 3:37:35 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		1004977		
162	98.3	78.8	118.2		
160	44.6	35.4	53.0		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.839 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

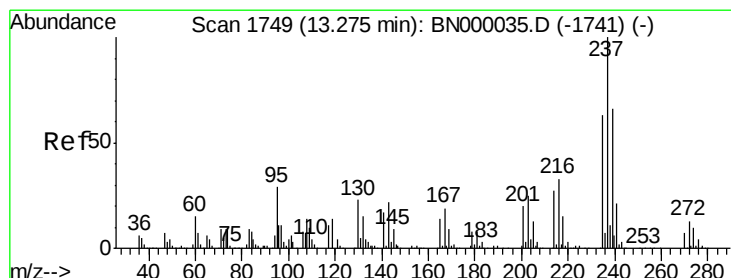
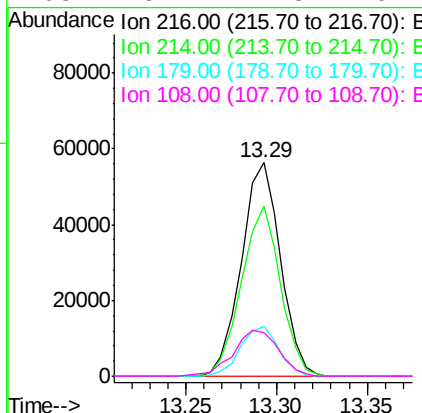
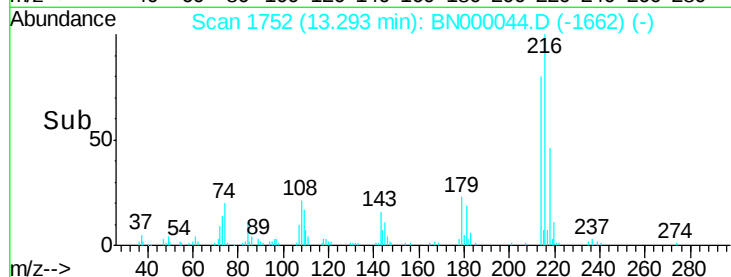
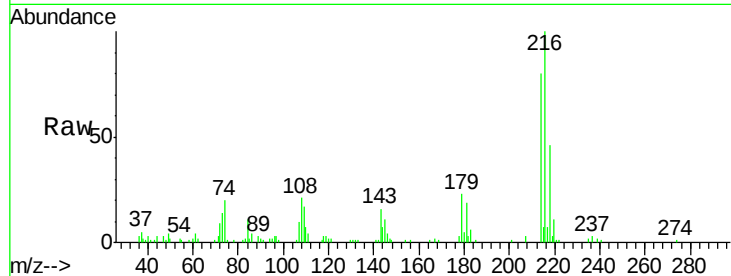
ClientSampleId :

MDL-S-06

Tot Ion:	216	Resp:	84215
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.1	17.0	25.6
108	25.2	12.8	19.2

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 2.234 ng

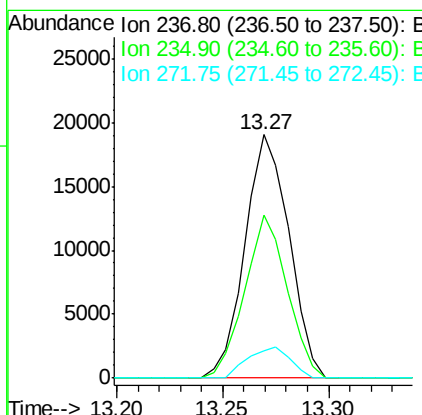
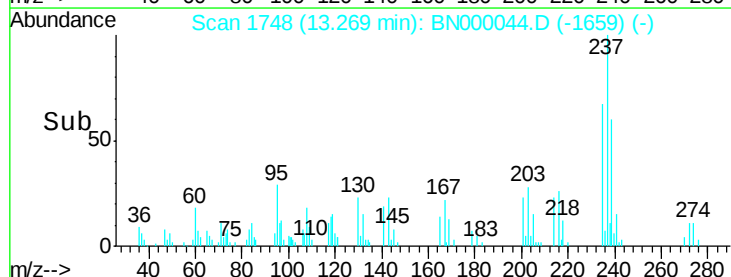
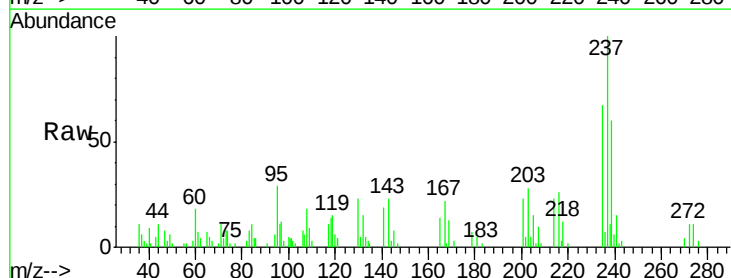
RT: 13.27 min Scan# 1748

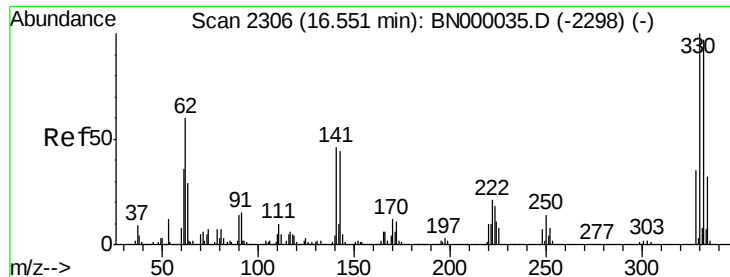
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	237	Resp:	27618
Ion Ratio		Lower	Upper
237	100		
235	66.9	50.4	90.4
272	11.3	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 128.877 ng

RT: 16.55 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampled :

MDL-S-06

Tot Ion:330 Resp: 1282040

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

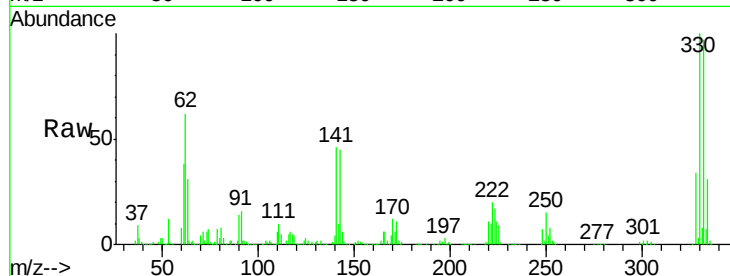
141 47.4 25.2 37.8#

Manual Integrations

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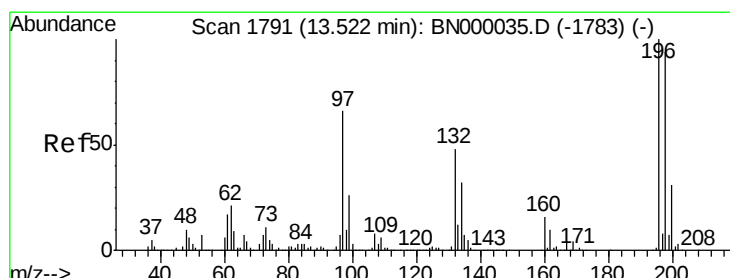
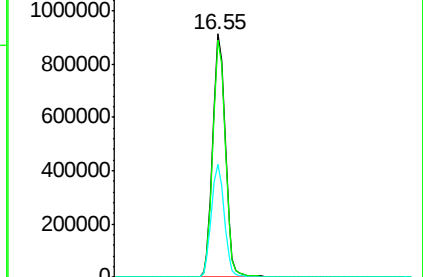
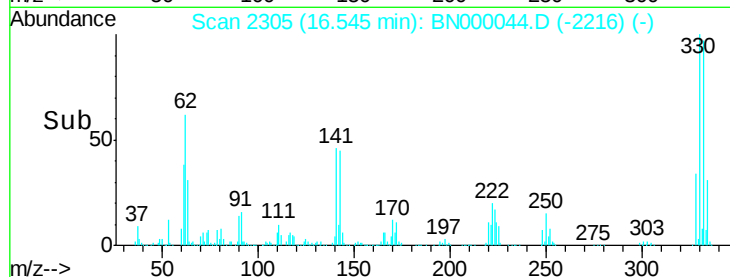
2/8/2018 3:37:35 PM



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: 2.034 ng

RT: 13.52 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

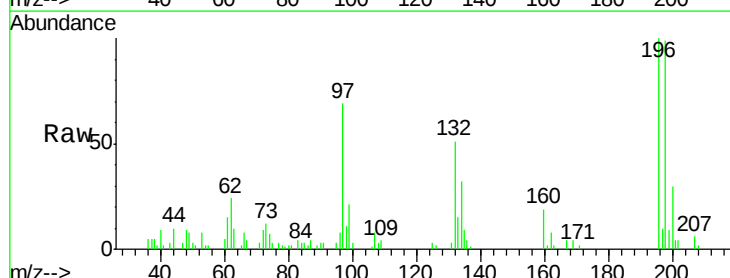
Tgt Ion:196 Resp: 36159

Ion Ratio Lower Upper

196 100

198 99.3 78.2 117.2

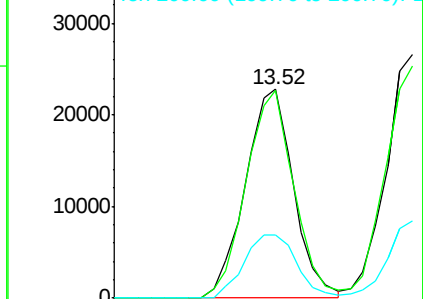
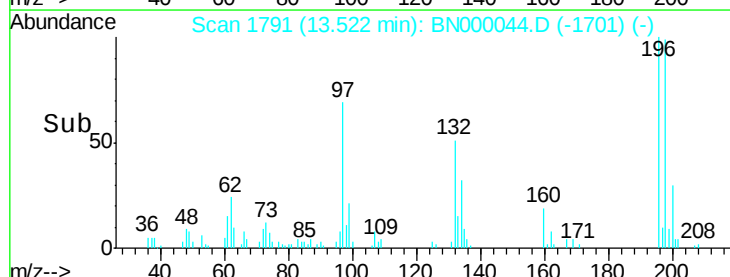
200 30.3 24.6 36.8

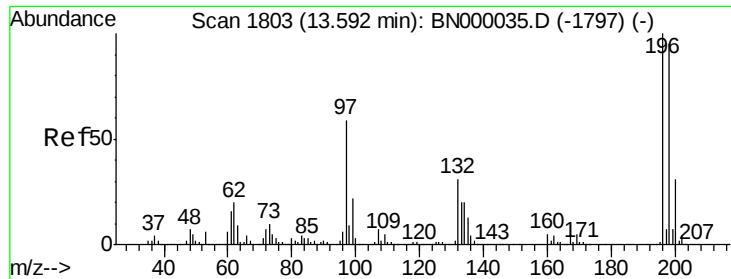


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





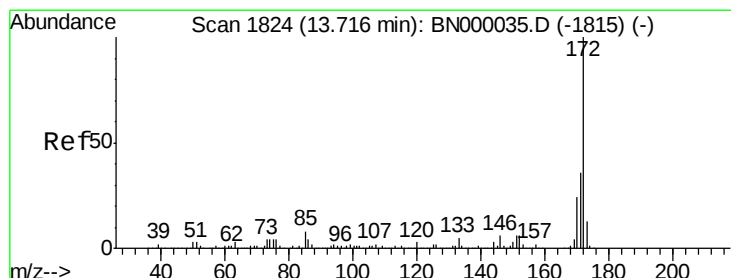
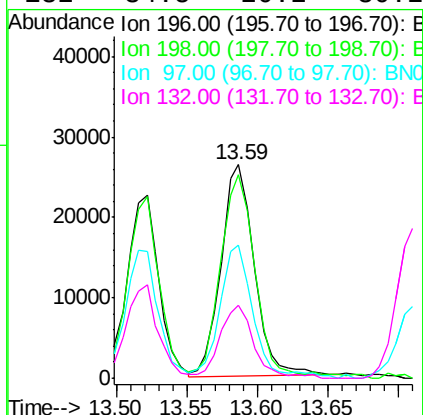
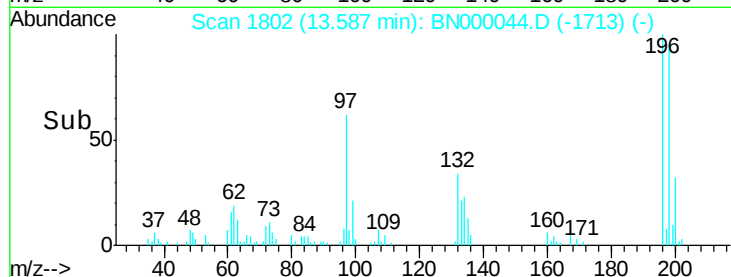
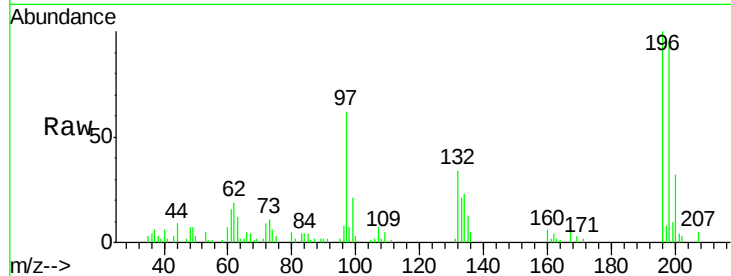
#43
 2,4,5-Trichlorophenol
 Concen: 2.015 ng
 RT: 13.59 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.4
97	62.2	38.7	58.1
132	34.5	20.2	30.2

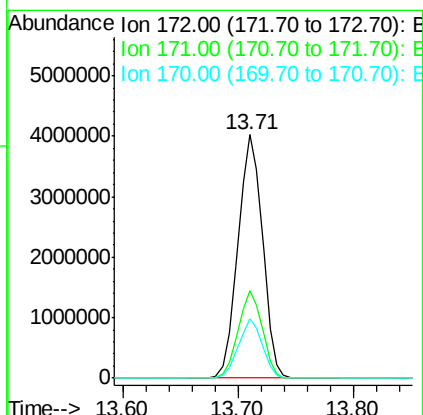
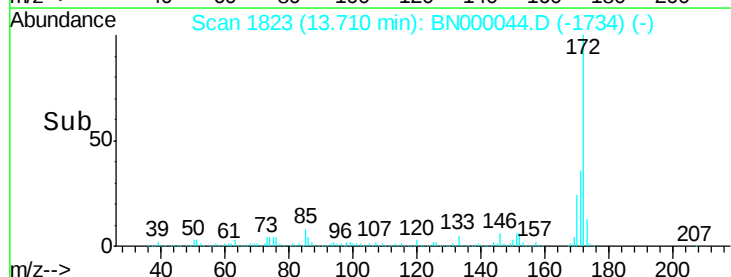
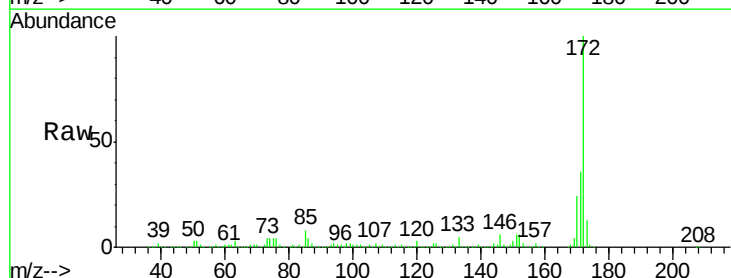
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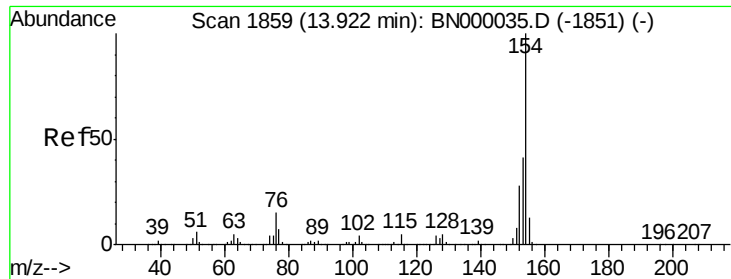
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 82.952 ng
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	24.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 3.149 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

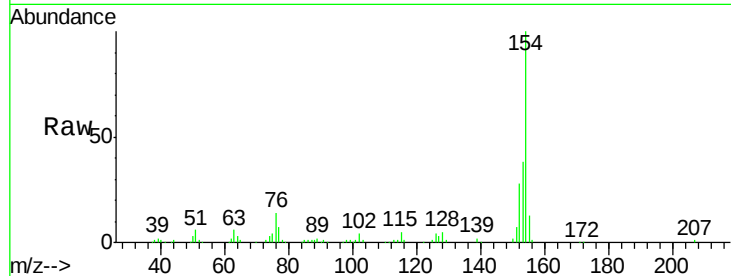
ClientSampled :

MDL-S-06

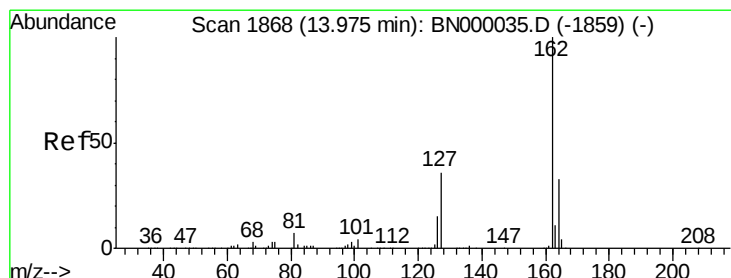
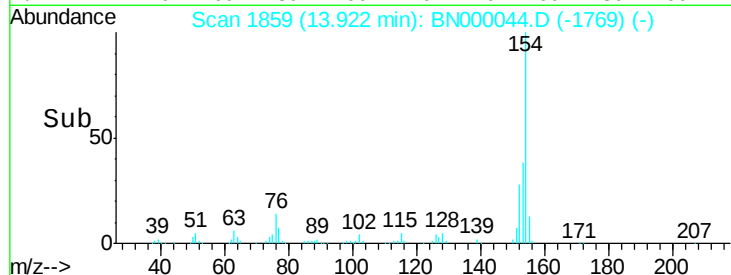
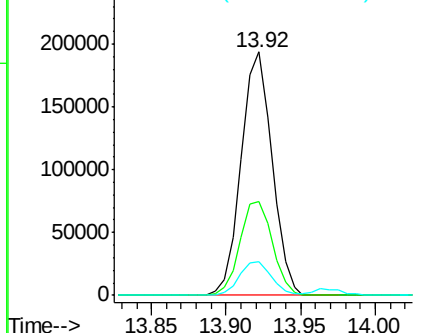
Tot Ion:	154	Resp:	278748
Ion Ratio	Lower	Upper	
154	100		
153	38.4	19.8	59.8
76	13.9	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 2.948 ng

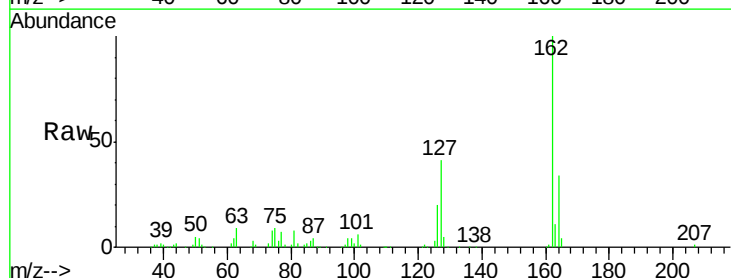
RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

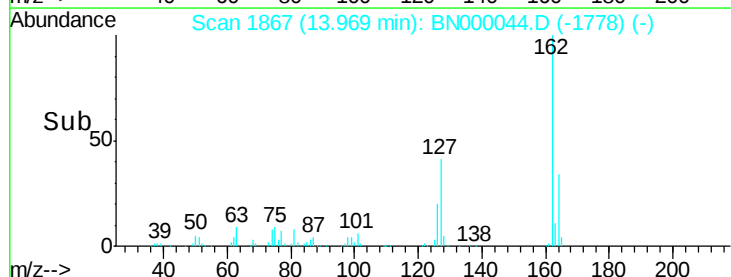
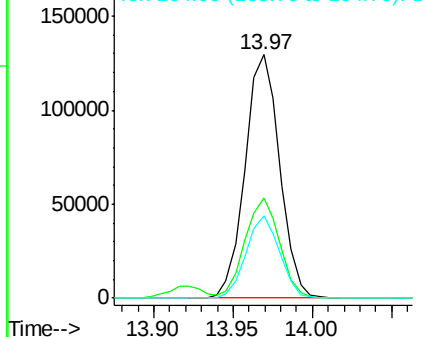
Lab File: BN000044.D

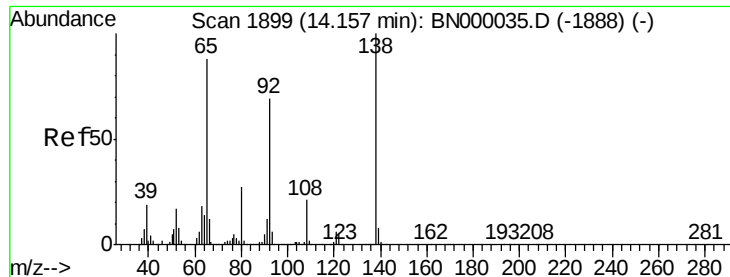
Acq: 07 Feb 2018 20:23

Tgt Ion:	162	Resp:	195777
Ion Ratio	Lower	Upper	
162	100		
127	41.3	30.7	46.1
164	34.1	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.245 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

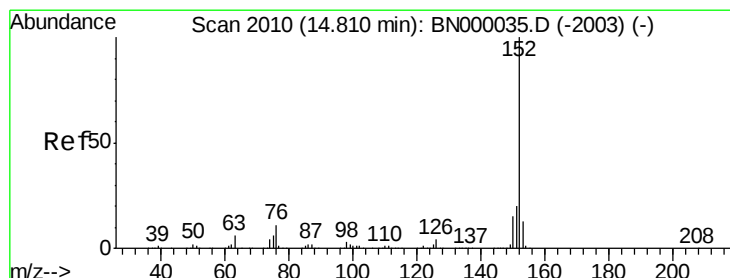
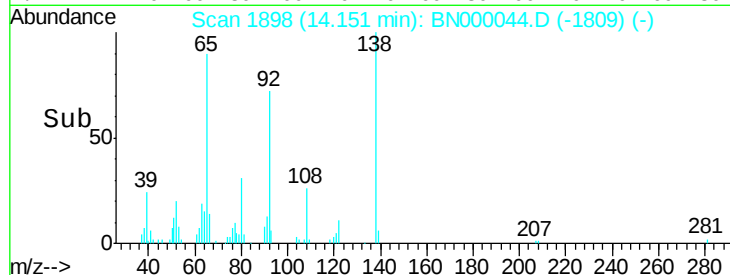
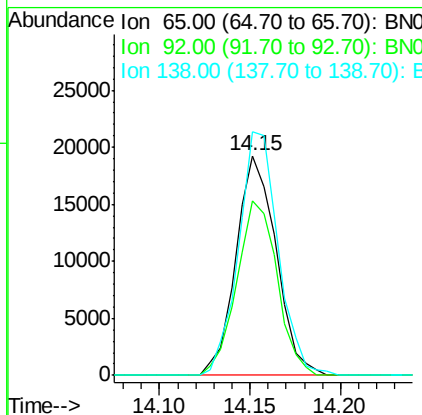
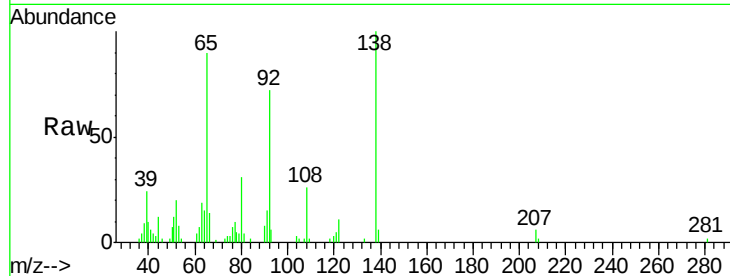
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
65	100		
92	79.4	54.6	82.0
138	110.9	72.9	109.3

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#48

Acenaphthylene

Concen: 2.588 ng

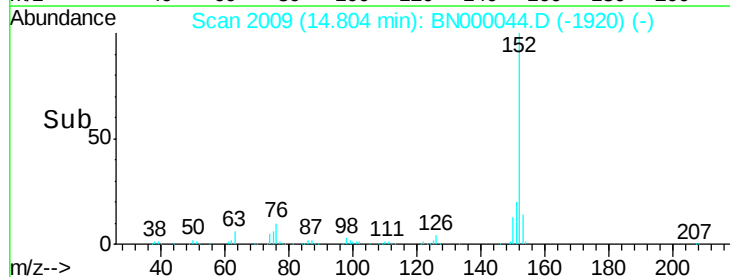
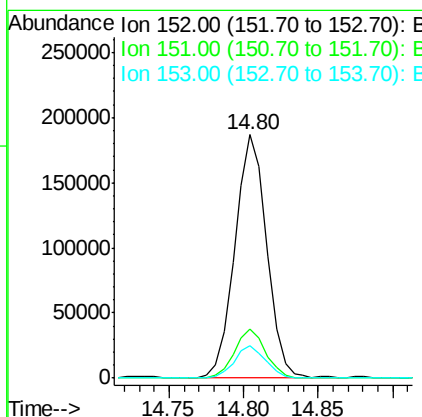
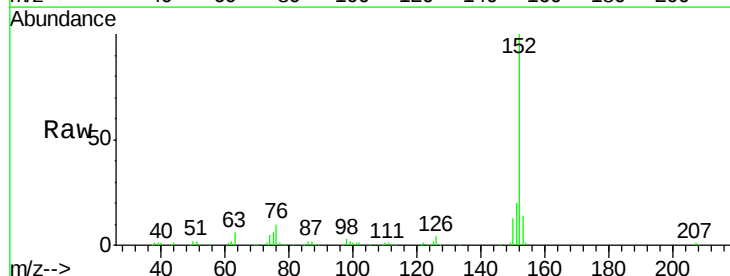
RT: 14.80 min Scan# 2009

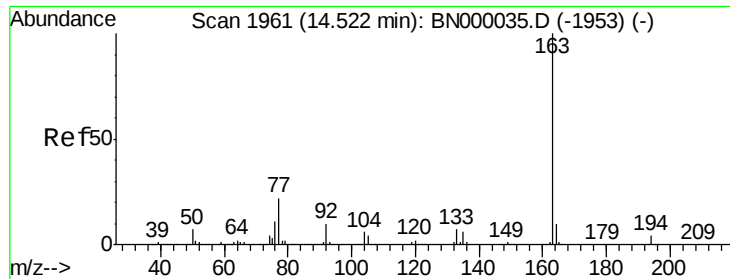
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.5	10.2	15.4





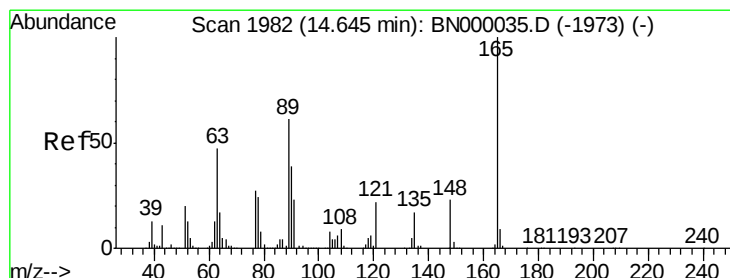
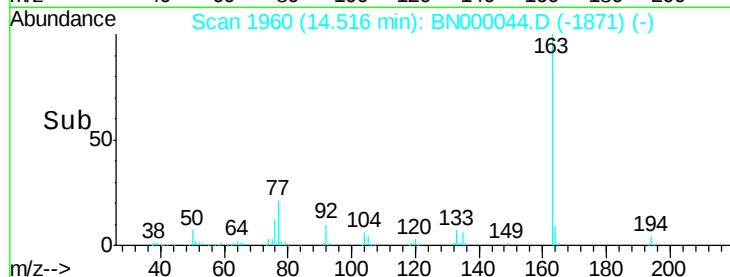
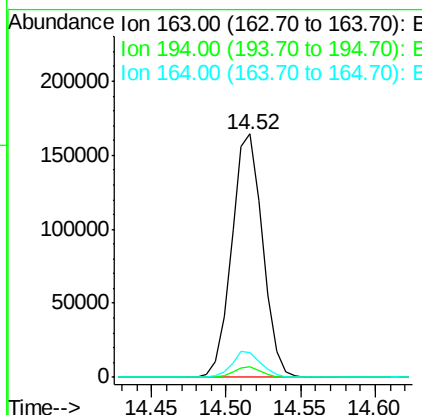
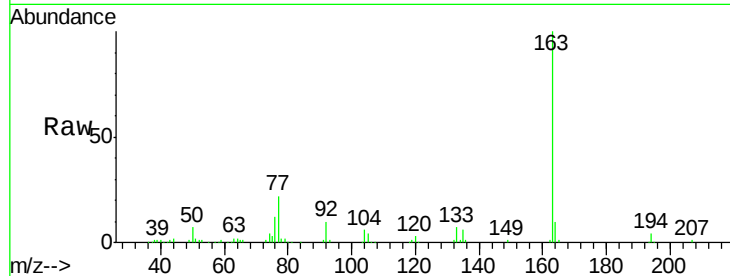
#49
Dimethylphthalate
Concen: 2.820 ng
RT: 14.52 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	Ratio	Resp	Lower	Upper
163	100	236871		
194	4.1		3.4	5.2
164	10.0		8.2	12.4

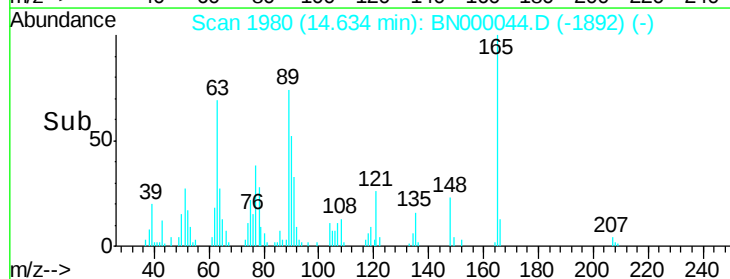
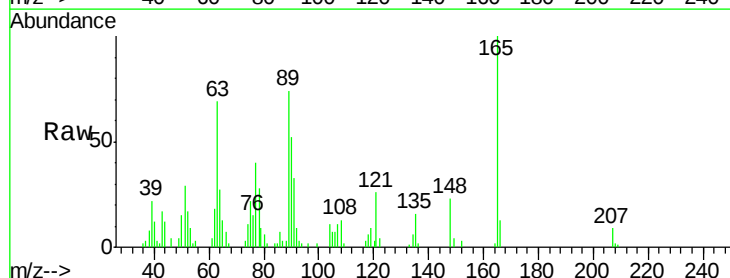
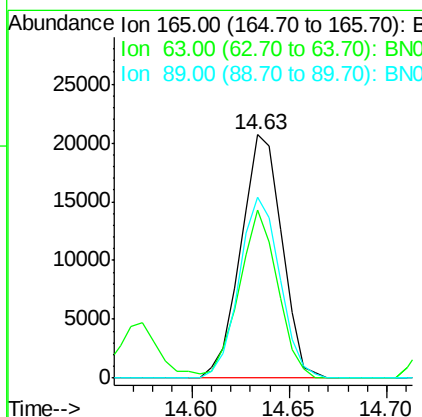
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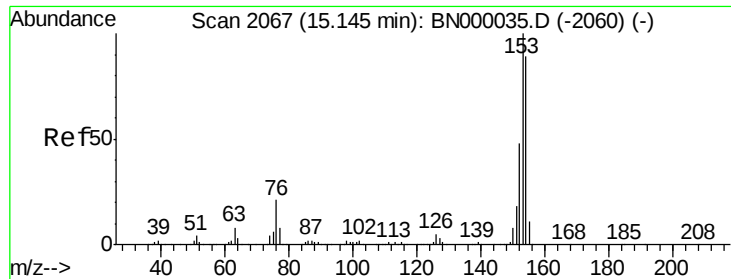
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#50
2,6-Dinitrotoluene
Concen: 1.739 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	30158		
63	68.8		52.7	79.1
89	74.5		49.2	73.8





#51

Acenaphthene

Concen: 2.914 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

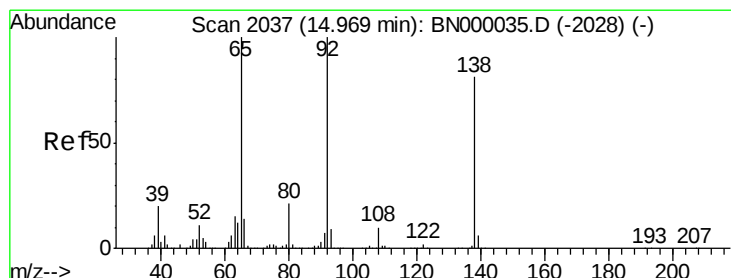
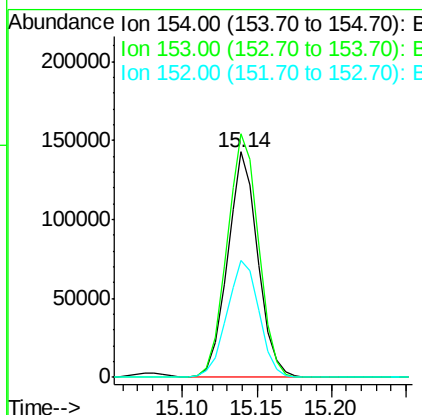
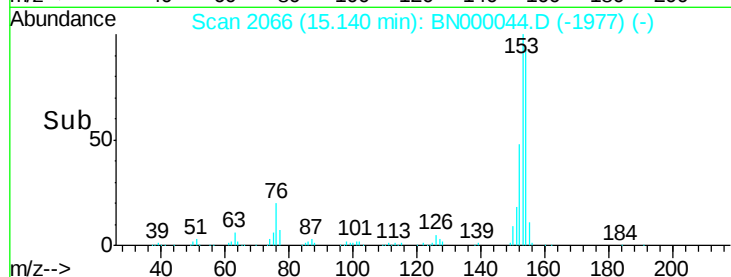
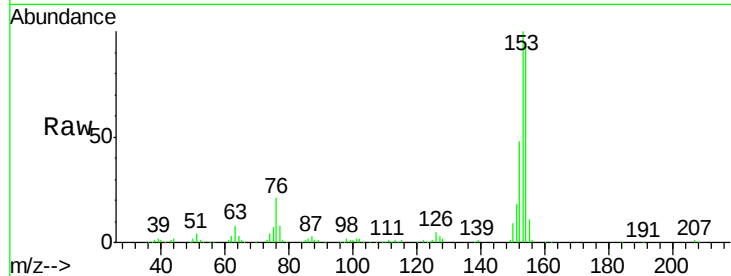
ClientSampled :

MDL-S-06

Tot Ion:	154	Resp:	202956
Ion Ratio	Lower	Upper	
154	100		
153	108.0	90.4	135.6
152	51.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 1.805 ng

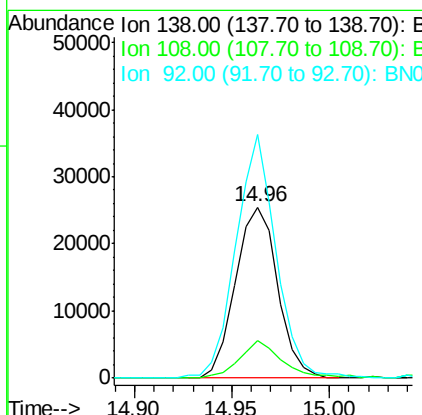
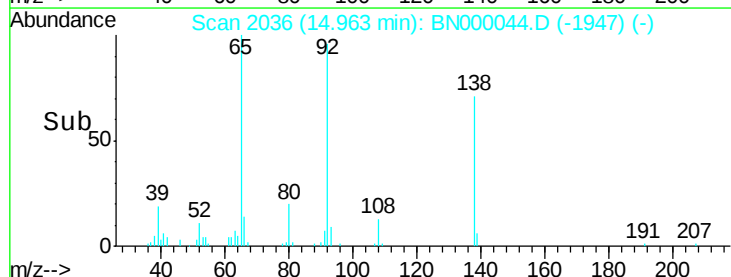
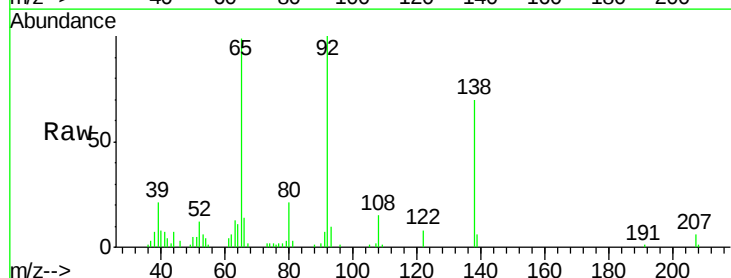
RT: 14.96 min Scan# 2036

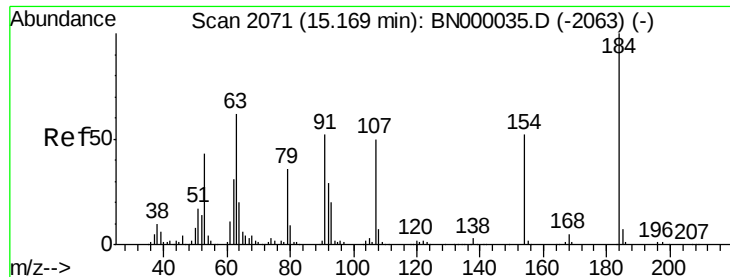
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	138	Resp:	38056
Ion Ratio	Lower	Upper	
138	100		
108	22.0	17.5	26.3
92	142.2	105.8	158.8





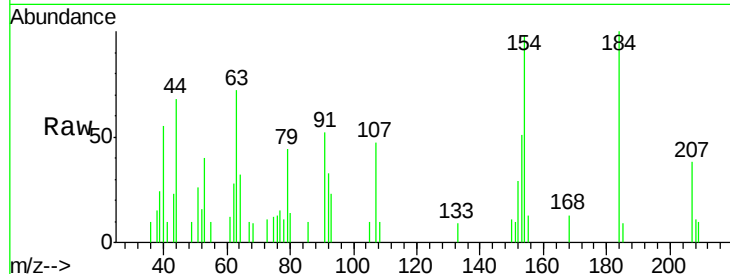
#53
2,4-Dinitrophenol
Concen: 10.138 ng
RT: 15.17 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

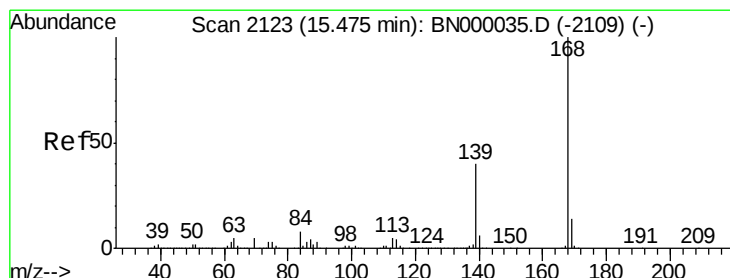
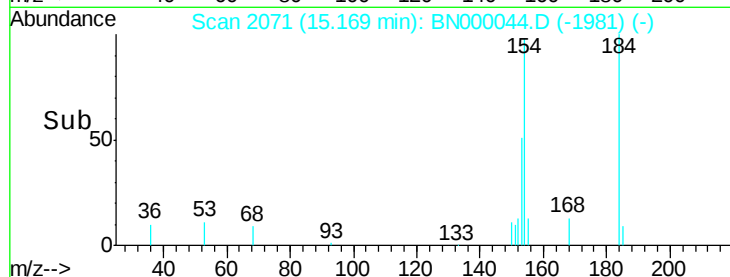
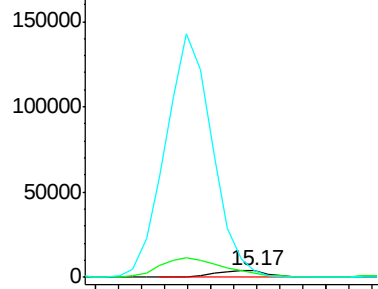
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.6	80.0	120.0#
154	98.4	308.0	462.0#

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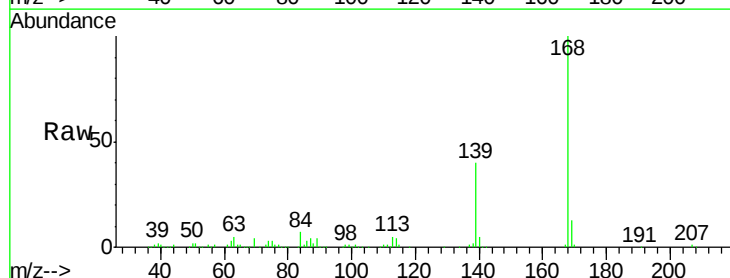


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

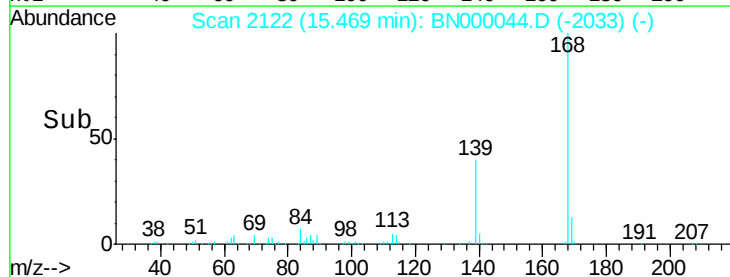
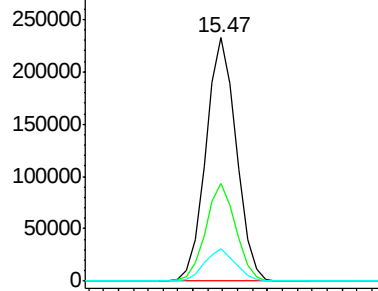


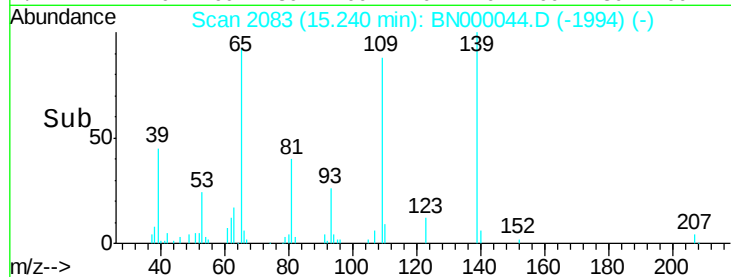
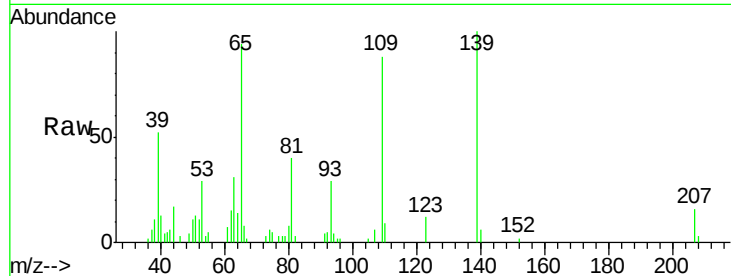
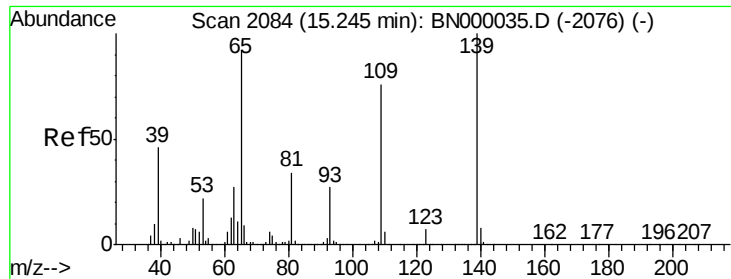
#54
Dibenzofuran
Concen: 3.342 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	28.6	43.0
169	13.3	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





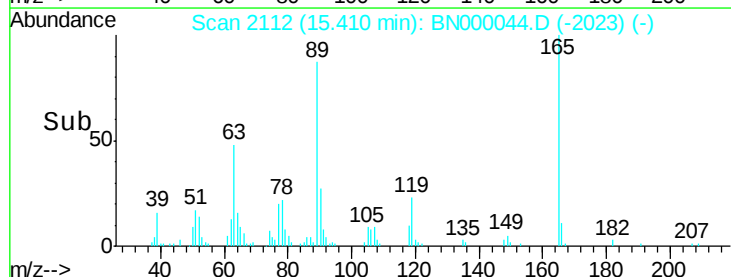
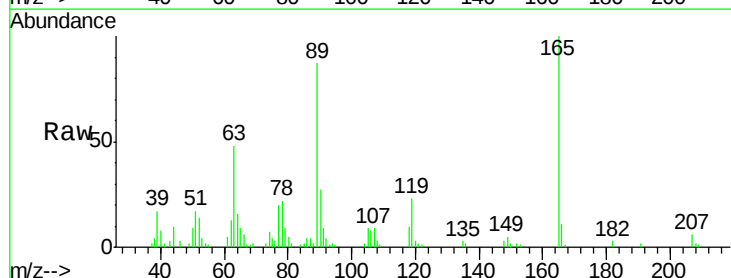
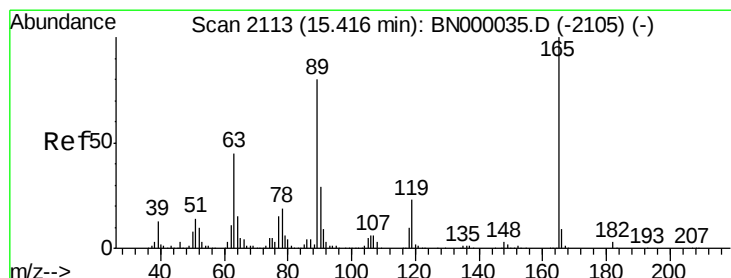
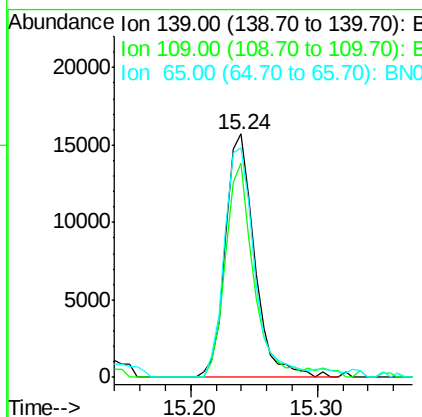
#55
4-Nitrophenol
Concen: 6.334 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.8	62.2	102.2
65	94.4	97.2	137.2#

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

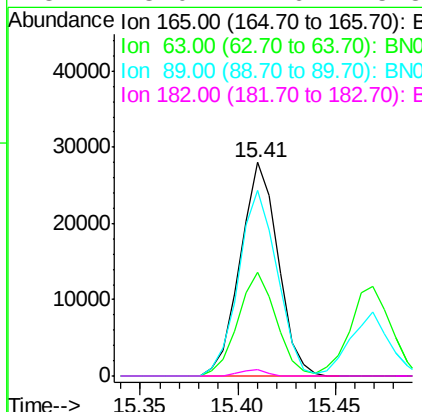
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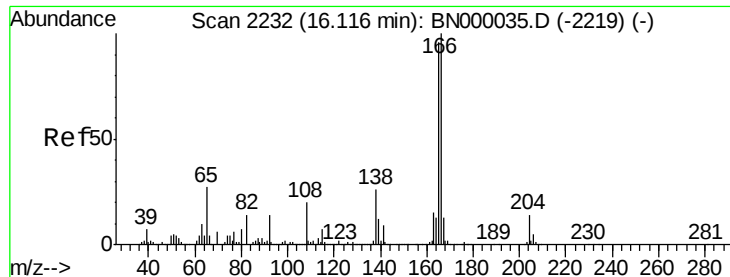
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#56
2,4-Dinitrotoluene
Concen: 5.567 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	42.0	63.0
89	86.6	66.9	100.3
182	3.0	2.6	3.8





#57

Fluorene

Concen: 3.153 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

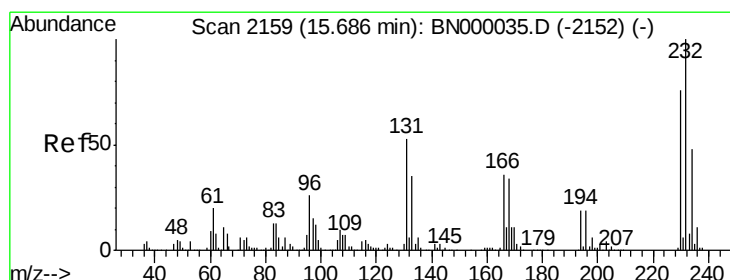
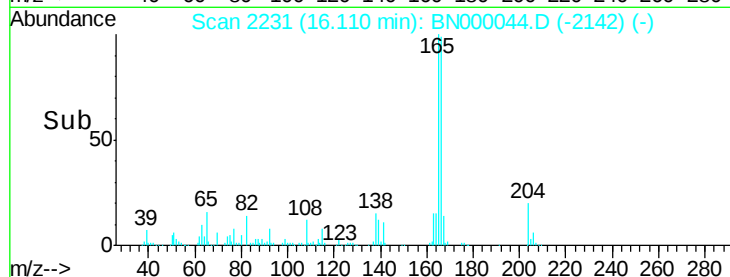
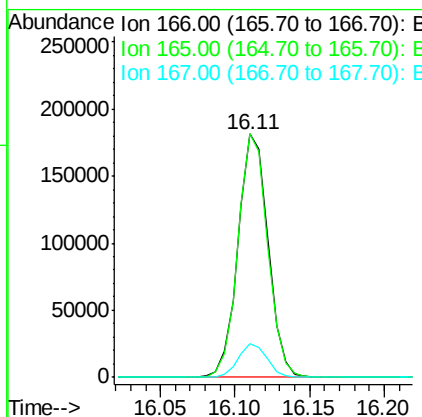
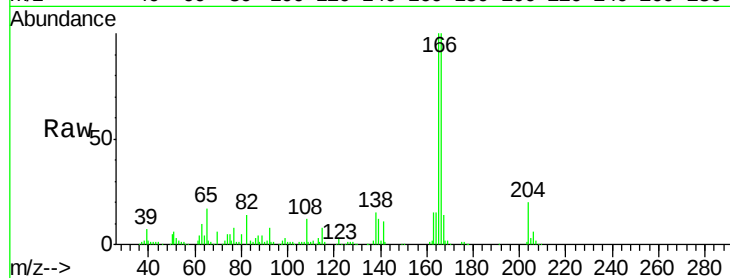
ClientSampled :

MDL-S-06

Tot Ion:	166	Resp:	253915
Ion Ratio		Lower	Upper
166	100		
165	99.9	80.6	121.0
167	14.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.194 ng m

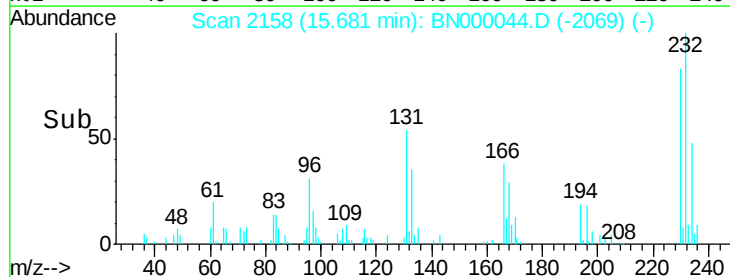
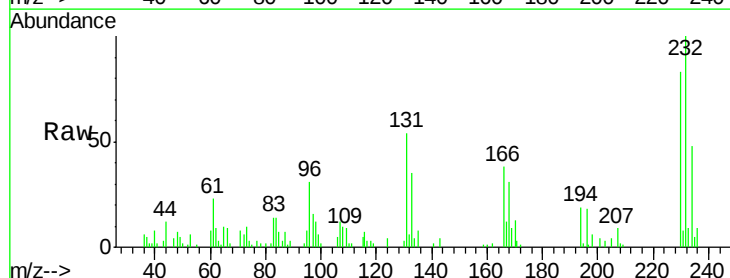
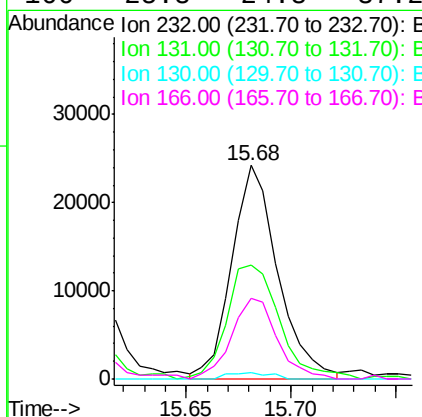
RT: 15.68 min Scan# 2158

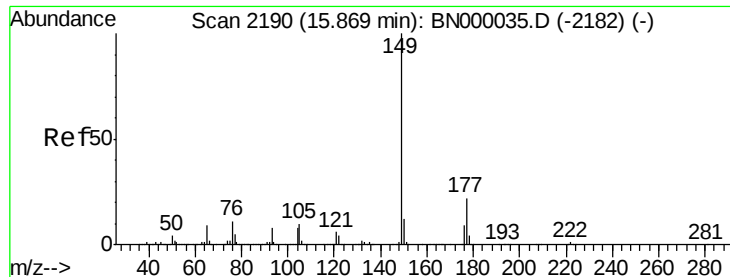
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	232	Resp:	37012
Ion Ratio		Lower	Upper
232	100		
131	42.5	33.5	50.3
130	2.3	2.2	3.2
166	25.8	24.8	37.2





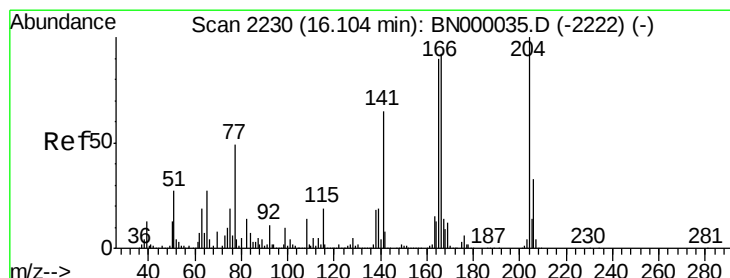
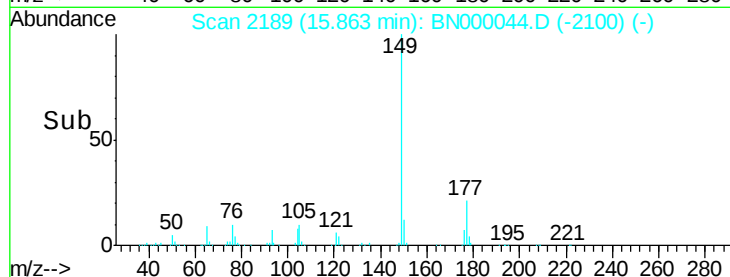
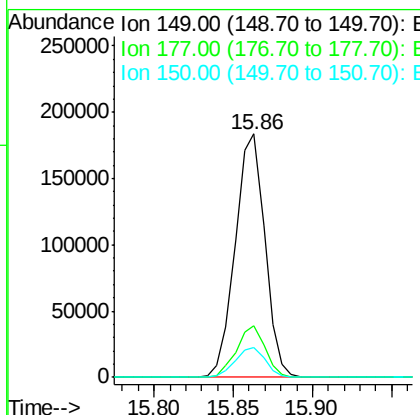
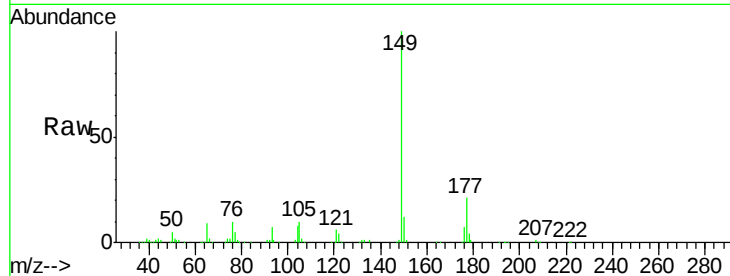
#59
Diethylphthalate
Concen: 2.793 ng
RT: 15.86 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.5	27.7
150	12.1	10.2	15.2

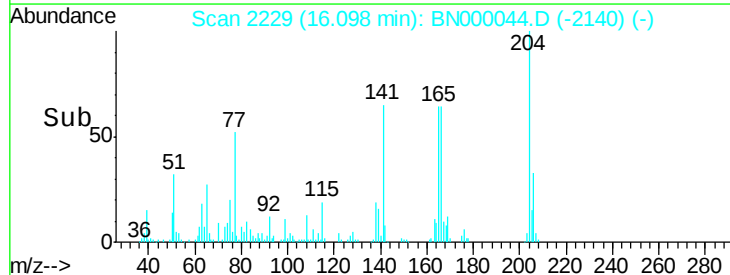
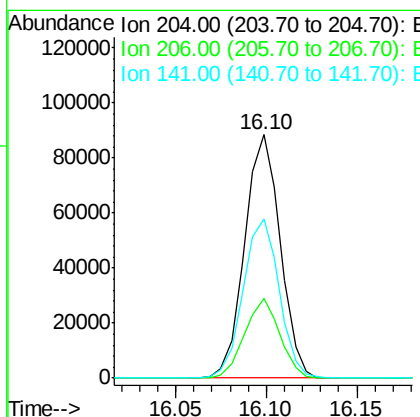
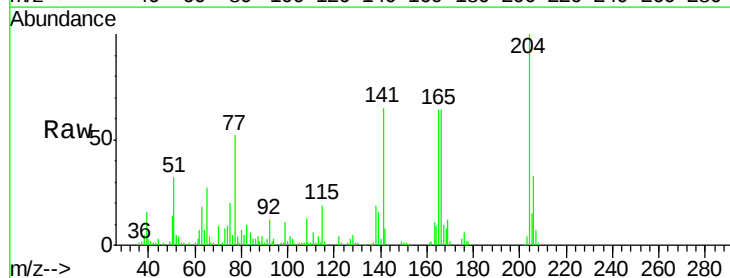
Manual Integrations
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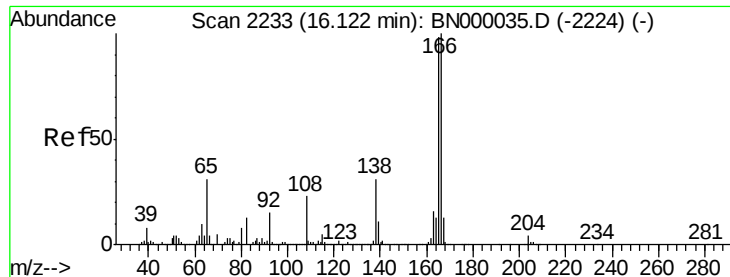
Sohil
2/8/2018 3:37:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.277 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	65.1	45.8	68.6





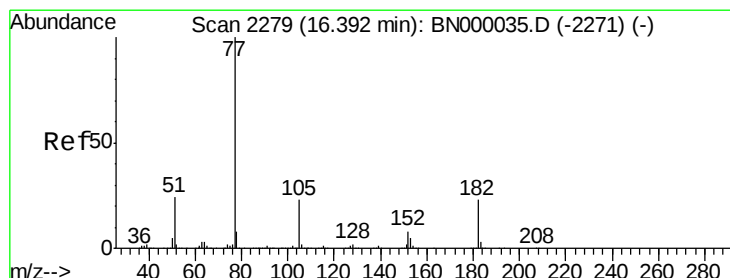
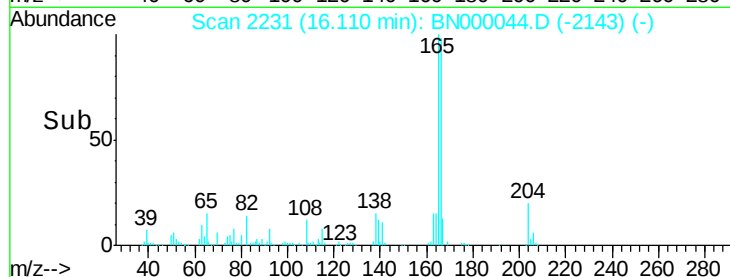
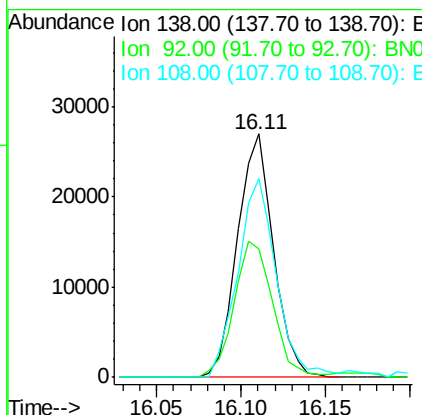
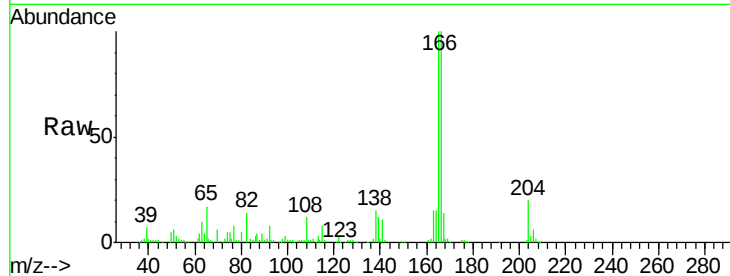
#61
4-Nitroaniline
Concen: 1.852 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.8	40.1	80.1
108	81.8	65.4	105.4

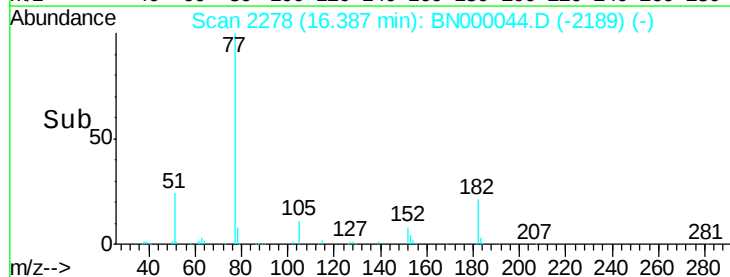
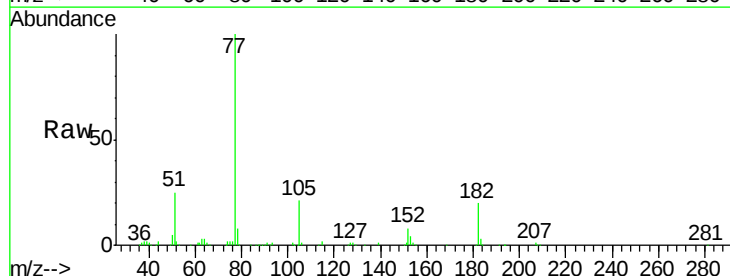
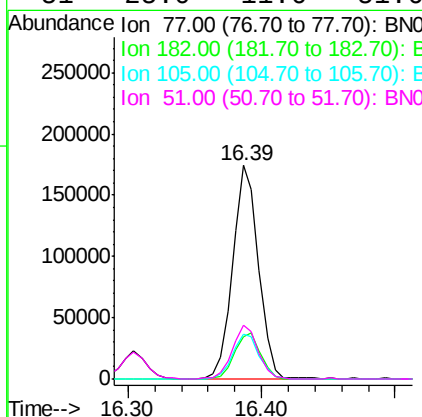
Manual Integrations
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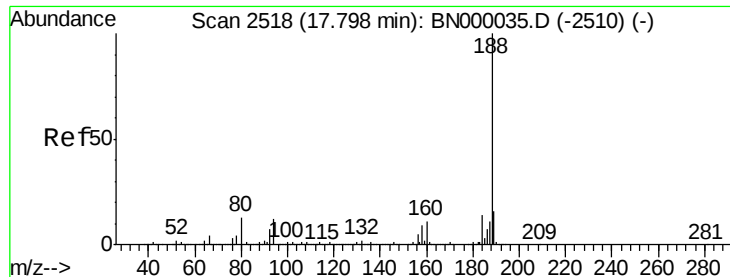
Sohil
2/8/2018 3:37:35 PM



#62
Azobenzene
Concen: 2.758 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	7.4	47.4
105	21.1	0.3	40.3
51	25.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

Tot Ion:188 Resp: 2410365

Ion Ratio Lower Upper

188 100

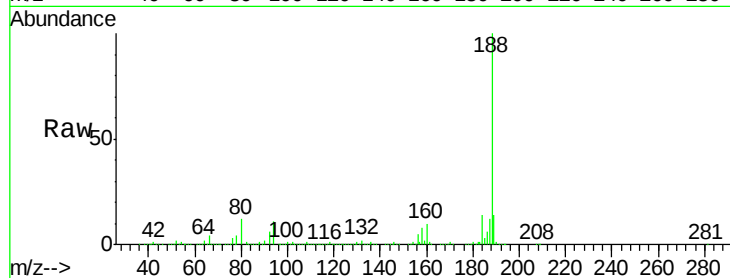
94 11.1 6.9 10.3#

80 11.8 7.7 11.5#

Manual Integrations
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Sohil

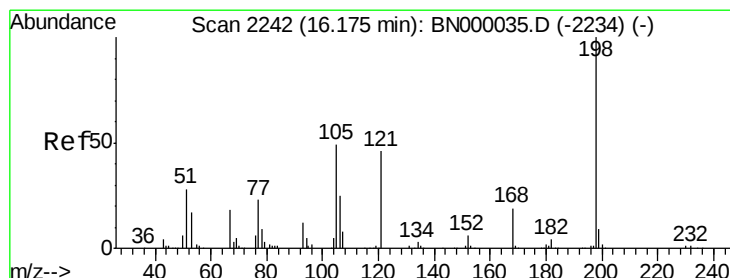
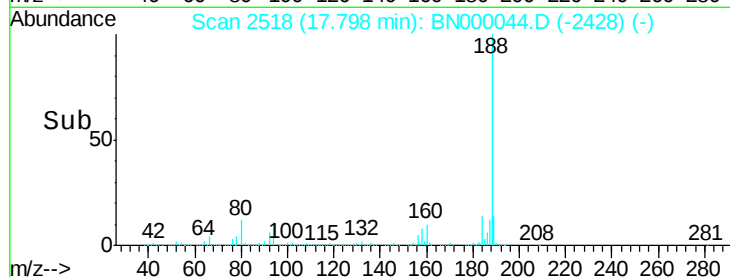
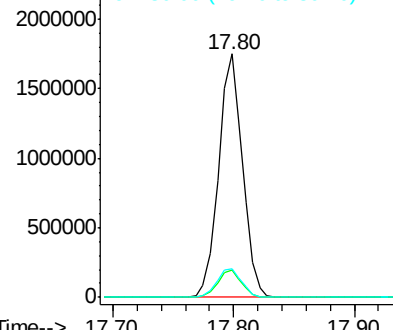
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 9.504 ng

RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

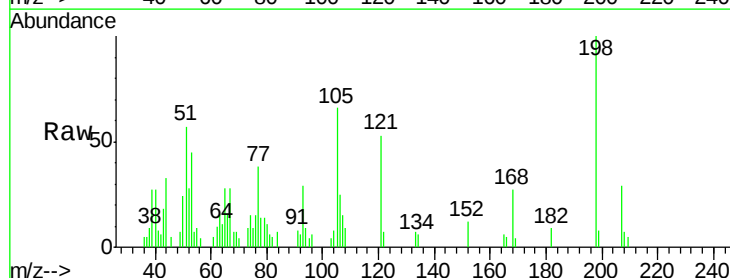
Tgt Ion:198 Resp: 11107

Ion Ratio Lower Upper

198 100

51 57.0 30.6 70.6

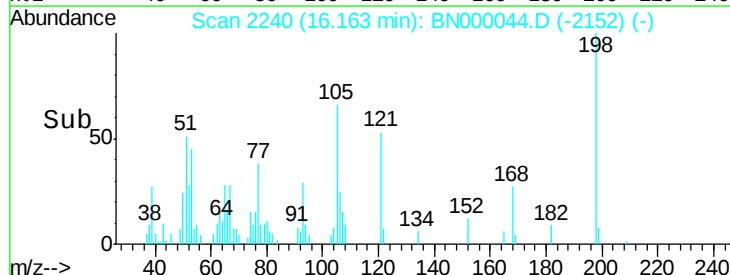
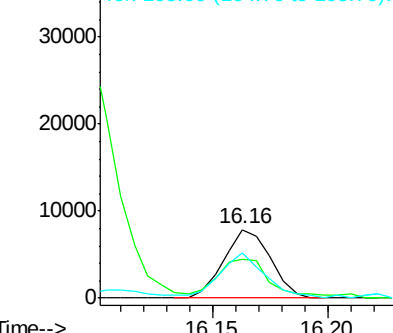
105 65.7 23.8 63.8#

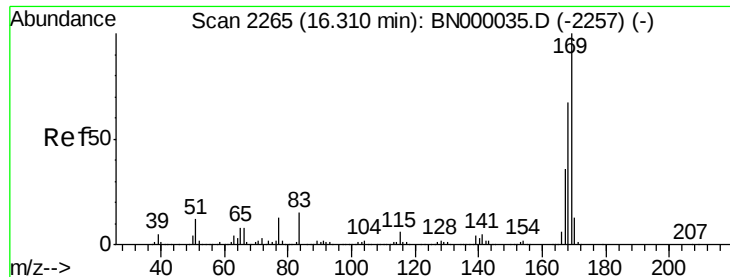


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





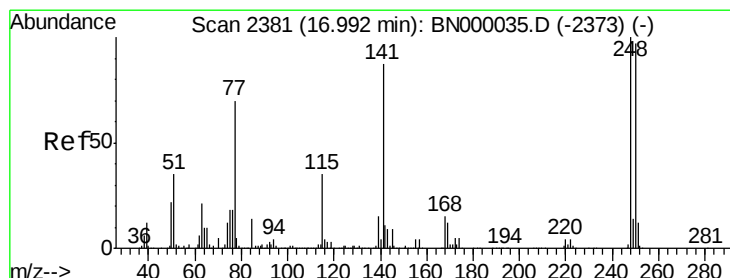
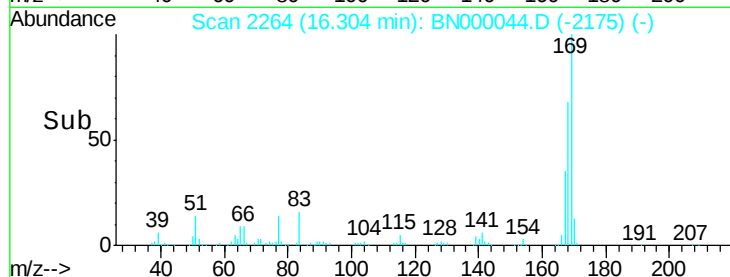
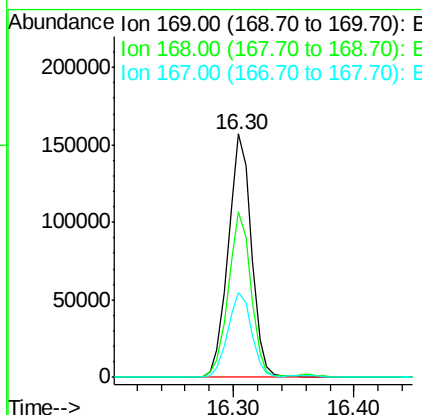
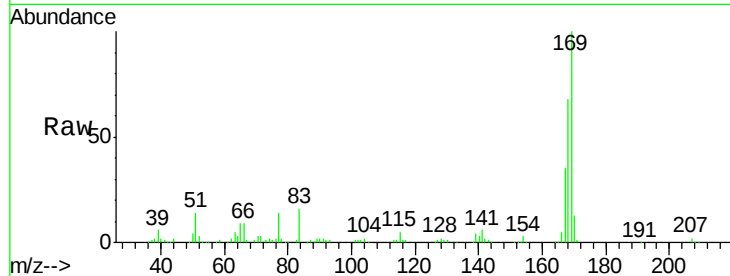
#65
n-Nitrosodiphenylamine
Concen: 2.675 ng
RT: 16.30 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tot Ion	Ratio	Resp	Lower	Upper
169	100	209797		
168	67.8		55.7	83.5
167	34.7		30.1	45.1

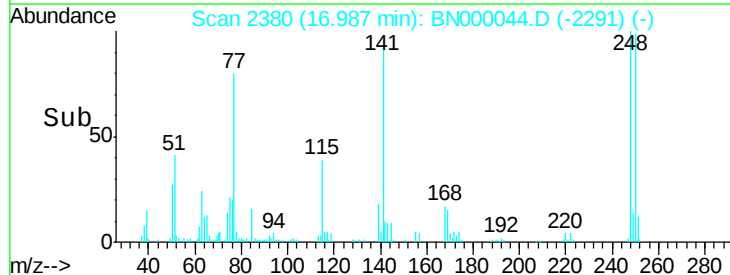
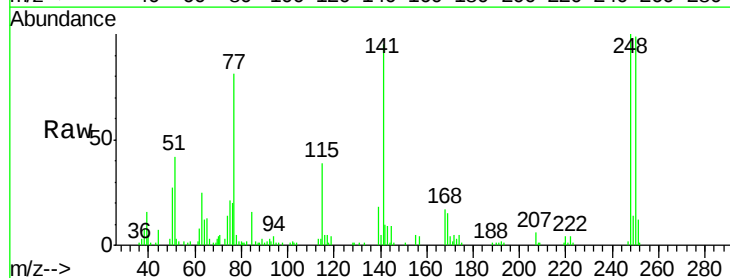
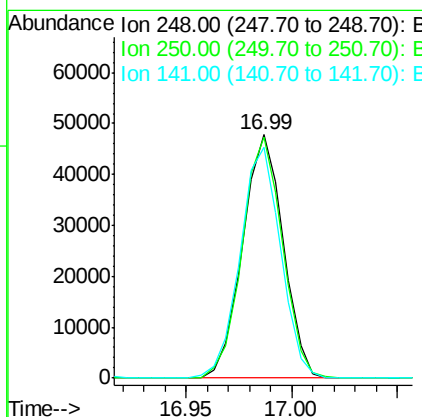
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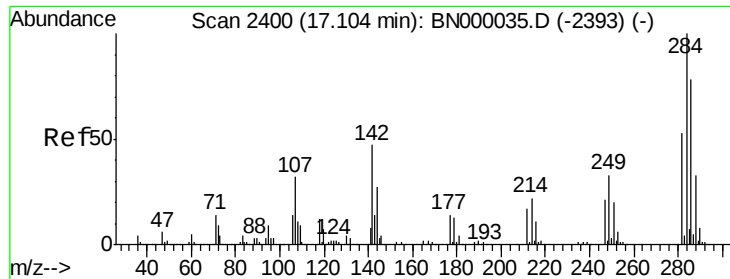
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 2.778 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	63666		
250	99.2		77.1	115.7
141	94.9		50.8	76.2#





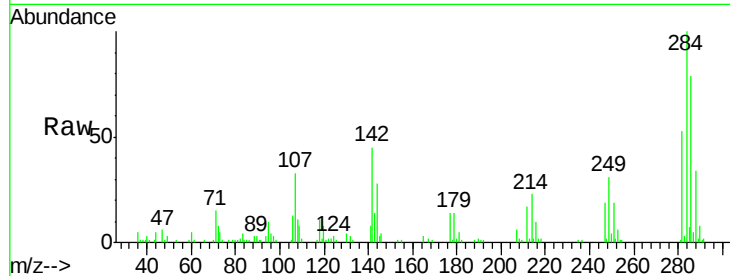
#67
Hexachlorobenzene
Concen: 2.925 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

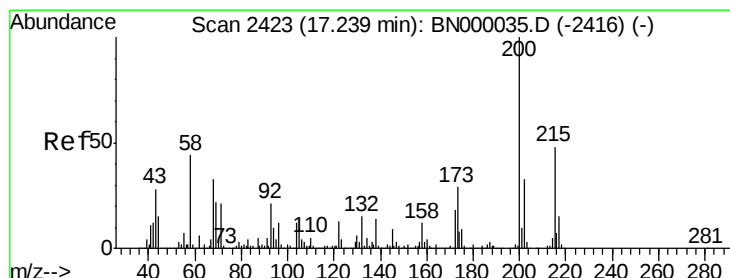
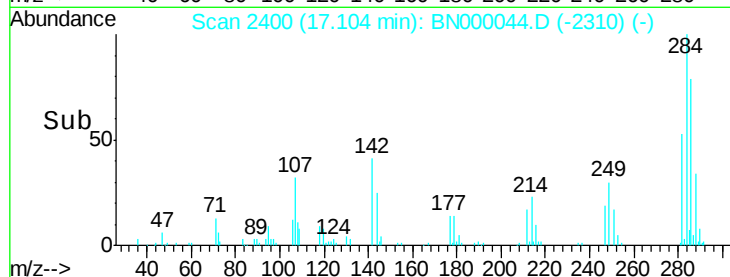
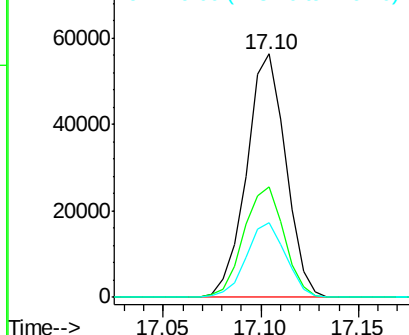
Tot Ion	Ratio	Resp	Lower	Upper
284	100	78290		
142	45.4	26.8	40.2	
249	30.7	26.3	39.5	

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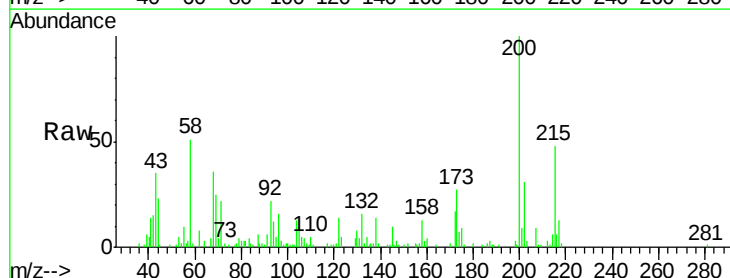


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

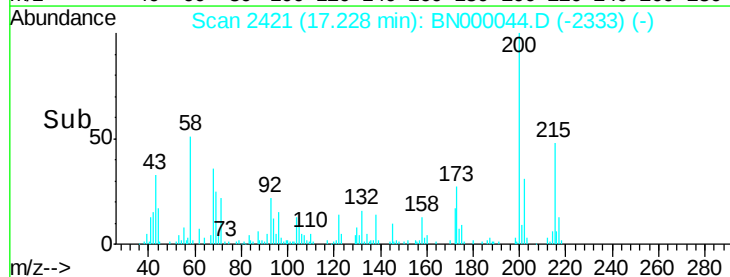
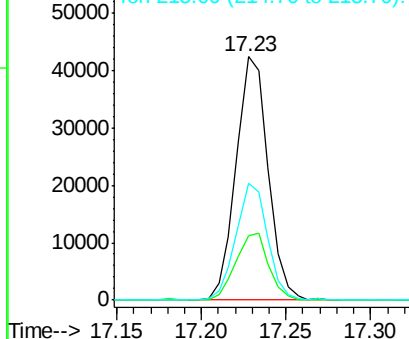


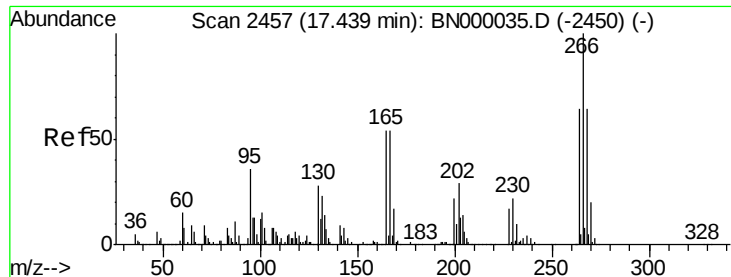
#68
Atrazine
Concen: 2.200 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	56150		
173	26.7	5.2	45.2	
215	48.2	30.4	70.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





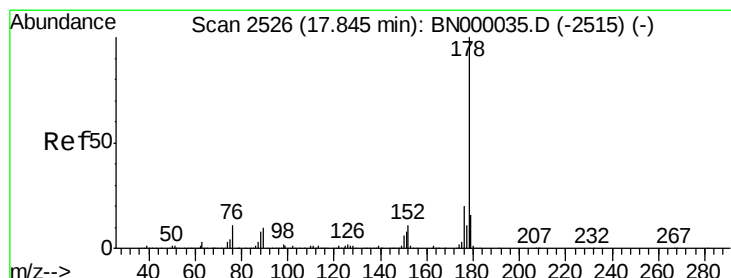
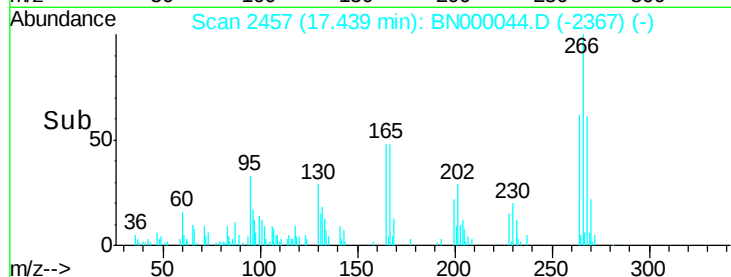
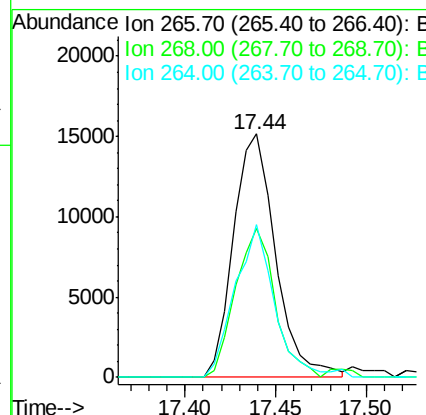
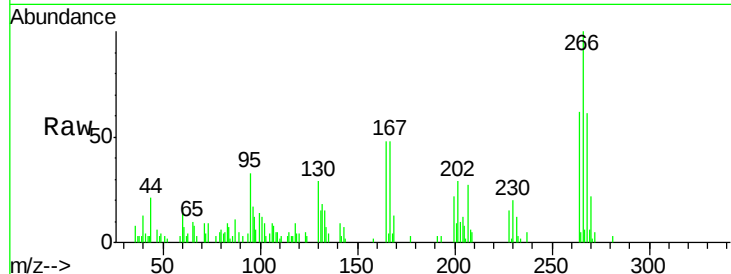
#69
 Pentachlorophenol
 Concen: 7.064 ng
 RT: 17.44 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	62.5	49.6	74.4

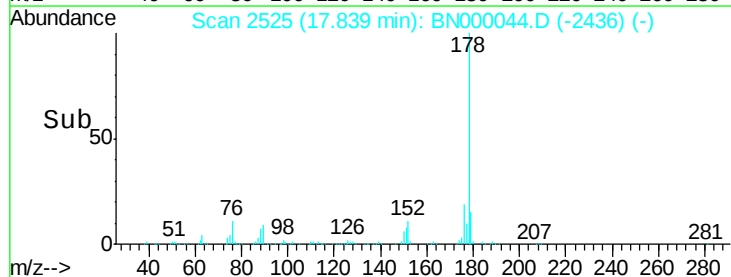
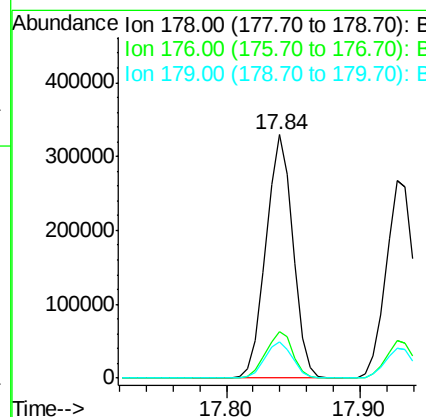
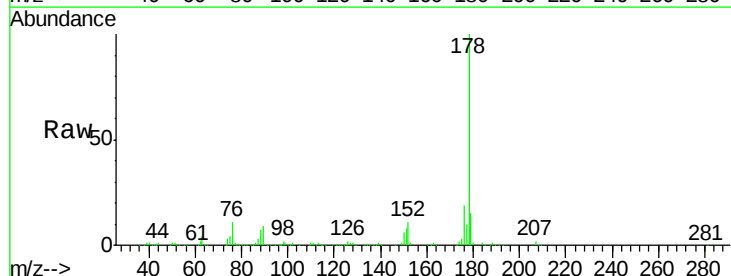
Manual Integrations
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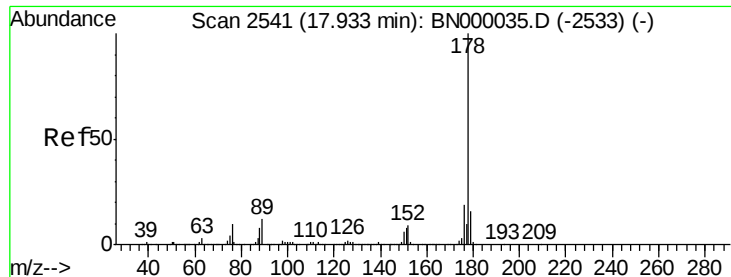
Sohil
 2/8/2018 3:37:35 PM



#70
 Phenanthrene
 Concen: 3.241 ng
 RT: 17.84 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.1	12.5	18.7





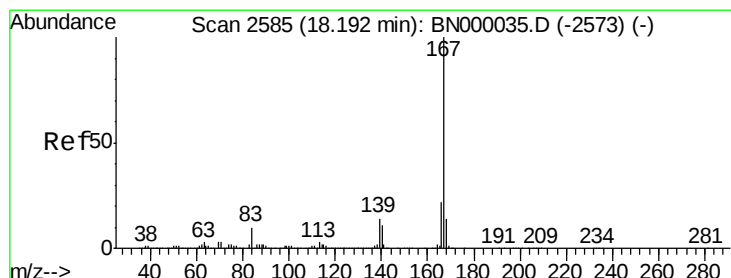
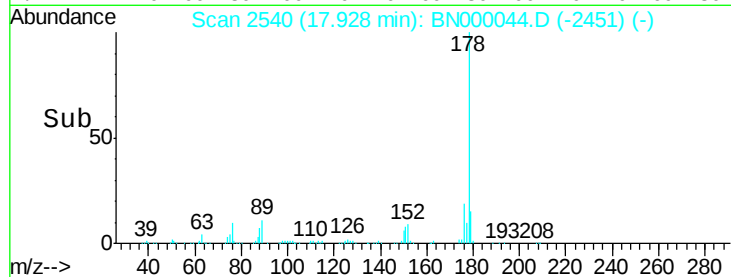
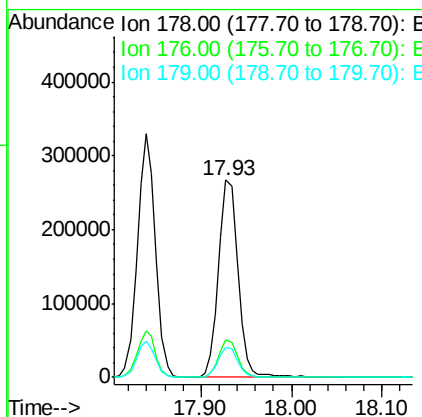
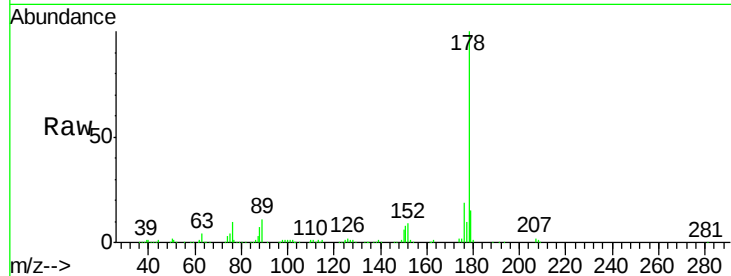
#71
 Anthracene
 Concen: 2.883 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-06

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.2	12.5	18.7

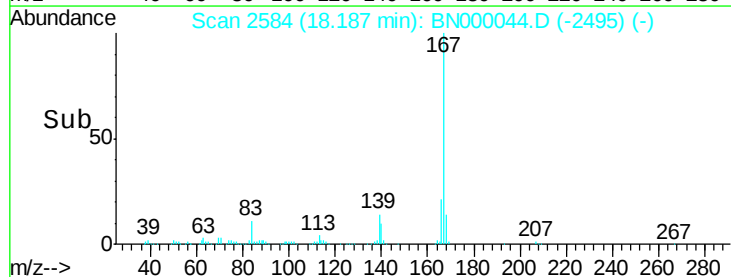
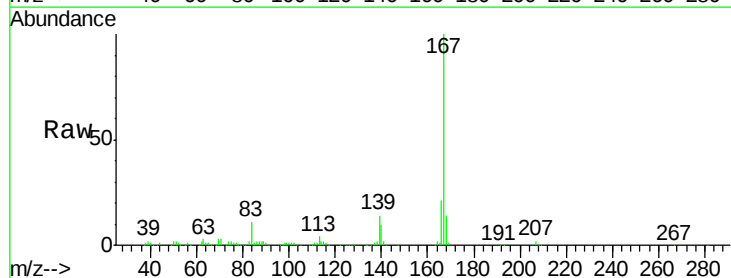
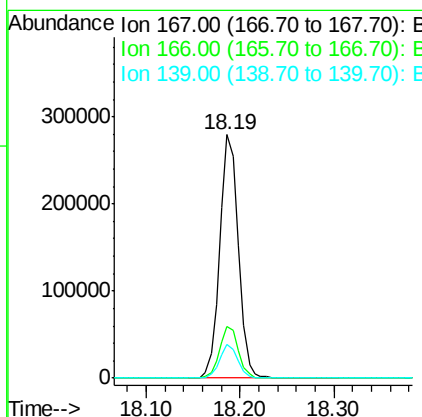
Manual Integrations
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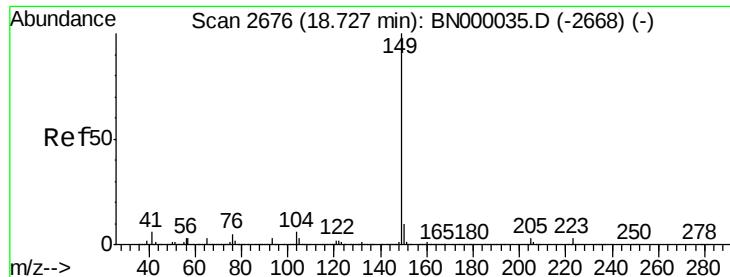
Sohil
 2/8/2018 3:37:35 PM



#72
 Carbazole
 Concen: 2.773 ng
 RT: 18.19 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	13.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 1.927 ng

RT: 18.73 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

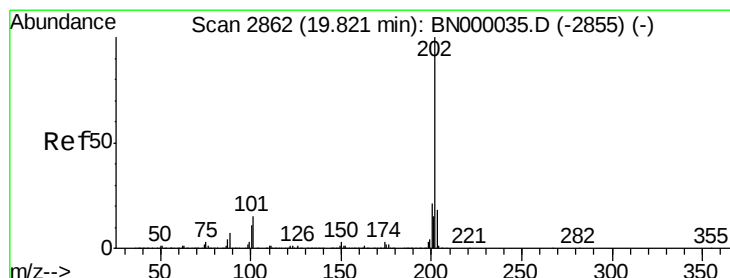
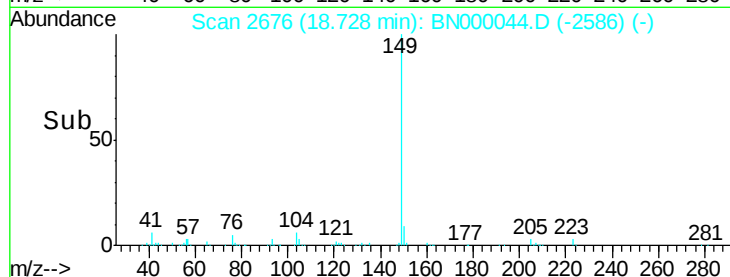
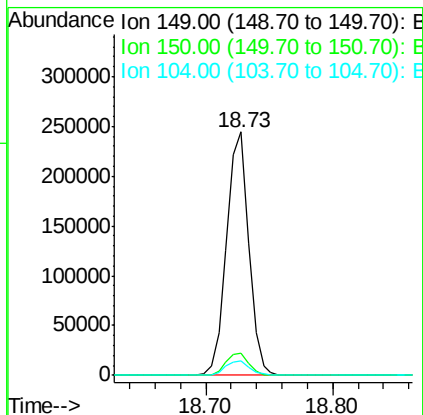
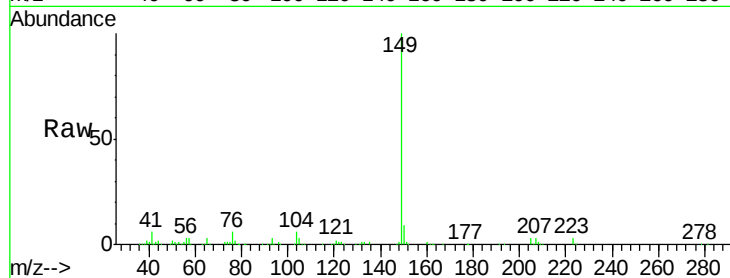
ClientSampleId :

MDL-S-06

Tot Ion:	149	Resp:	295504
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.9	3.9	5.9

Manual Integrations
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2/8/2018 3:37:35 PM



#74

Fluoranthene

Concen: 2.966 ng

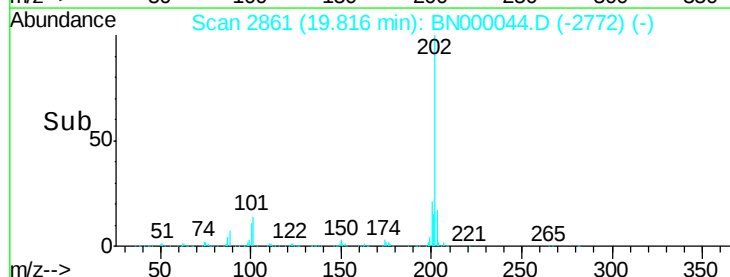
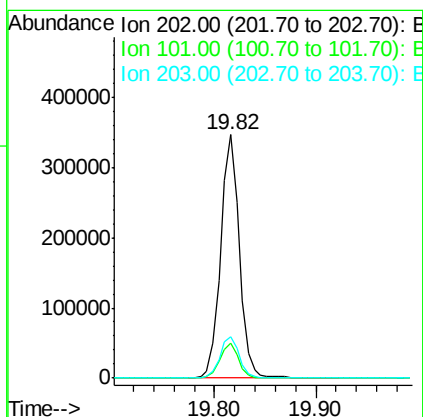
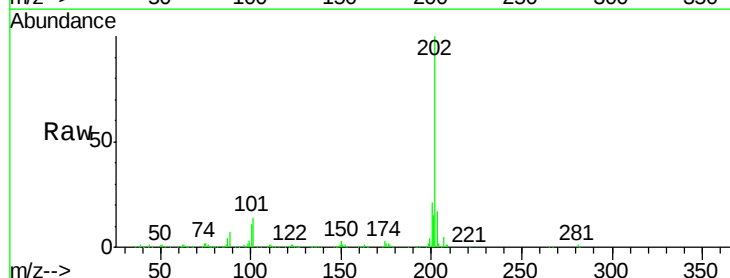
RT: 19.82 min Scan# 2861

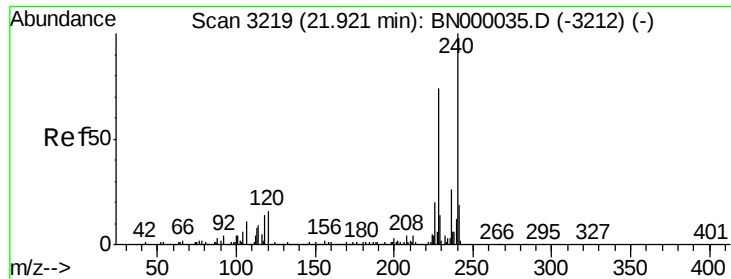
Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	202	Resp:	442975
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	28.9
203	17.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

Tot Ion:240 Resp: 2679854

Ion Ratio Lower Upper

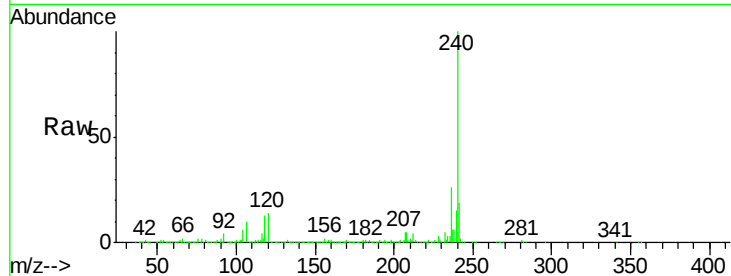
240 100

120 13.8 6.8 10.2#

236 26.0 20.9 31.3

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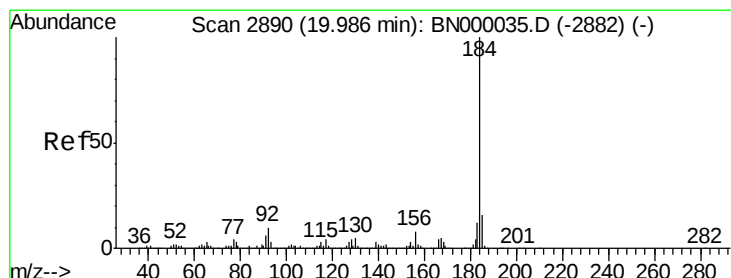
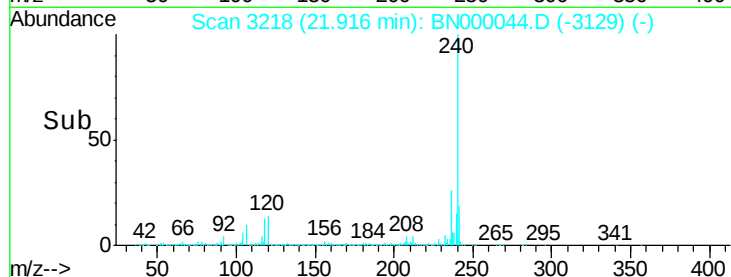
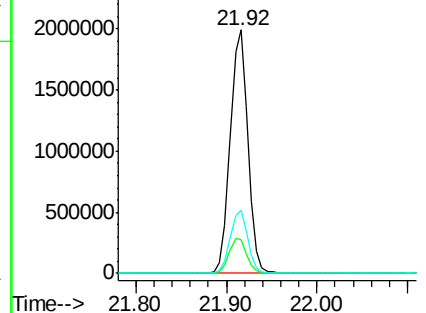
Sohil
2/8/2018 3:37:35 PM



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: 1.087 ng

RT: 19.98 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

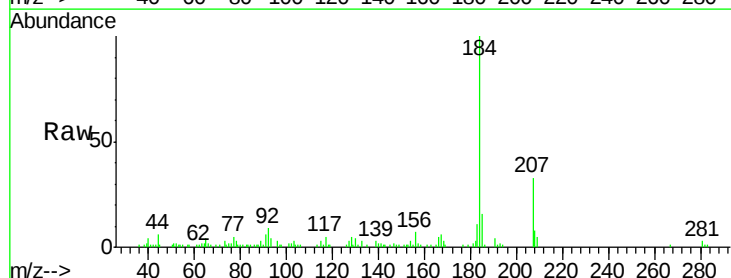
Tgt Ion:184 Resp: 92816

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

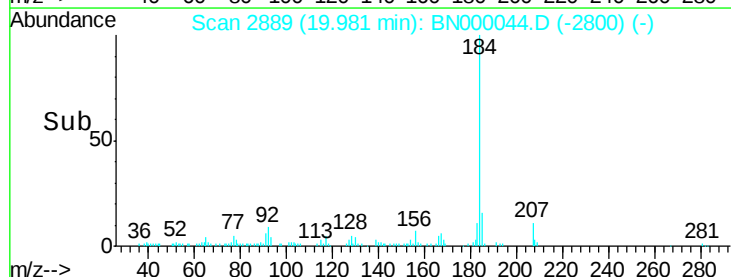
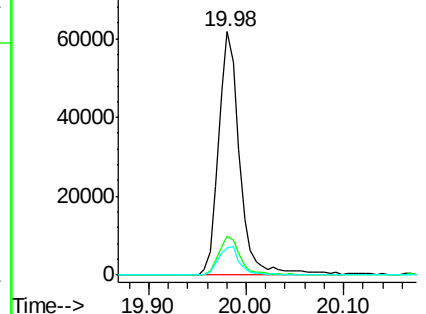
183 11.3 10.6 16.0

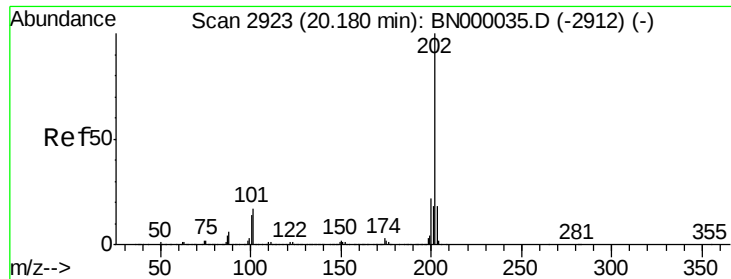


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





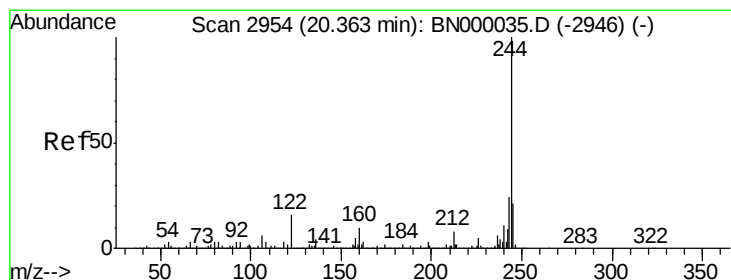
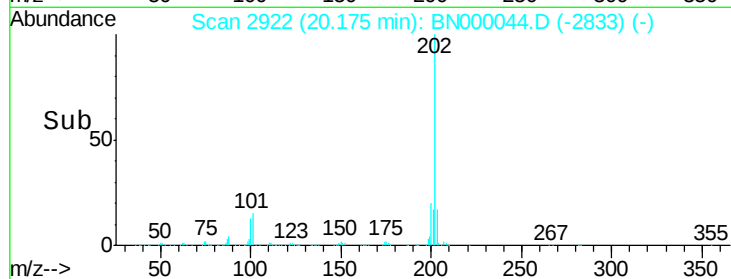
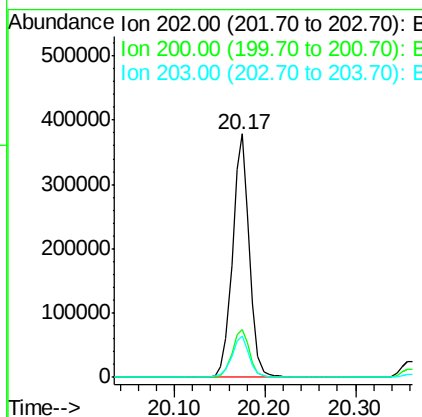
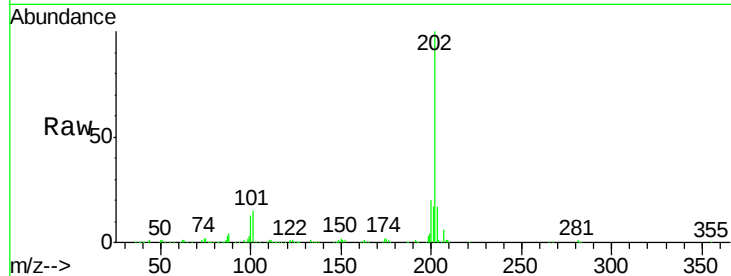
#77
Pvrene
Concen: 2.875 ng
RT: 20.17 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :
MDL-S-06

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.7	16.9	25.3
203	17.1	13.9	20.9

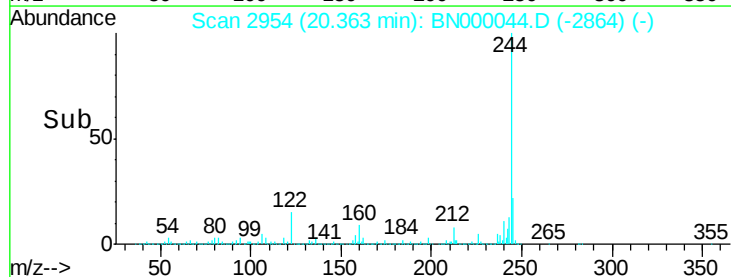
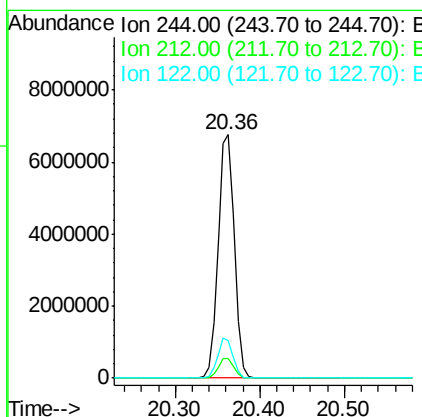
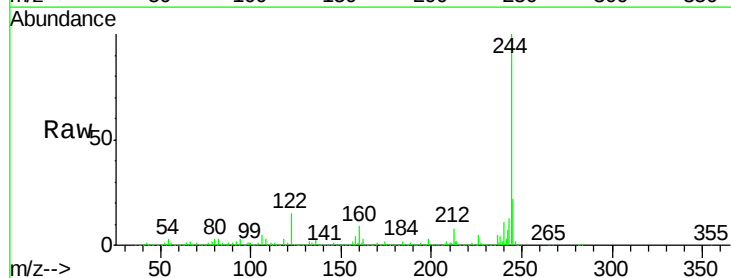
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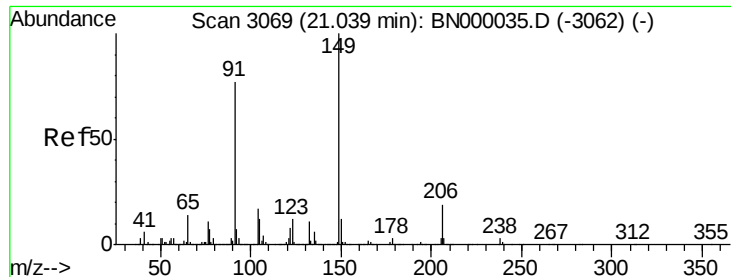
Sohil
2/8/2018 3:37:35 PM



#78
Terphenyl-d14
Concen: 92.314 ng
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.2	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 6.540 ng

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

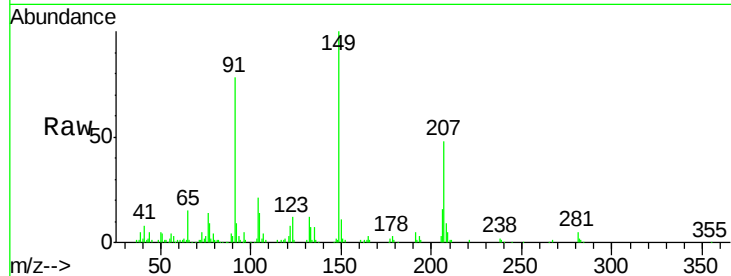
ClientSampled :

MDL-S-06

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.3	62.2	93.2
206	16.3	18.6	27.8

Manual Integrations
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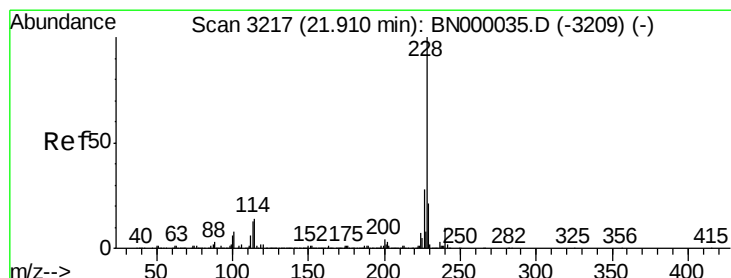
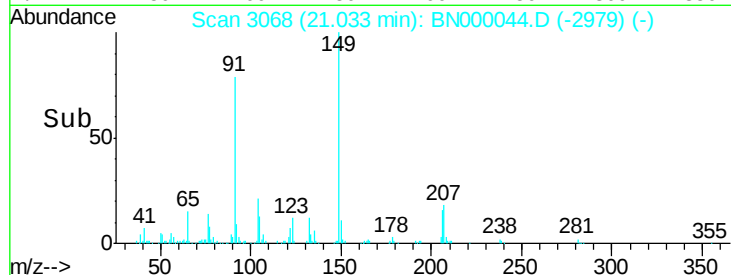
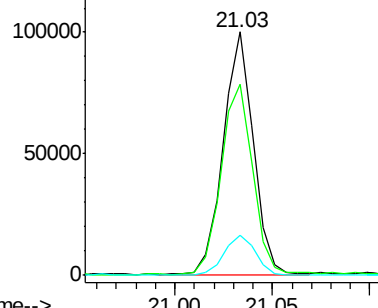
Sohil
2/8/2018 3:37:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.040 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BN000044.D

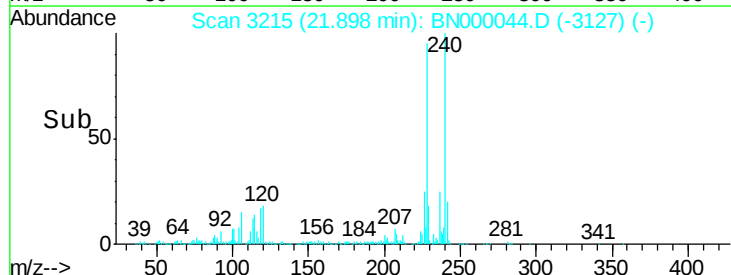
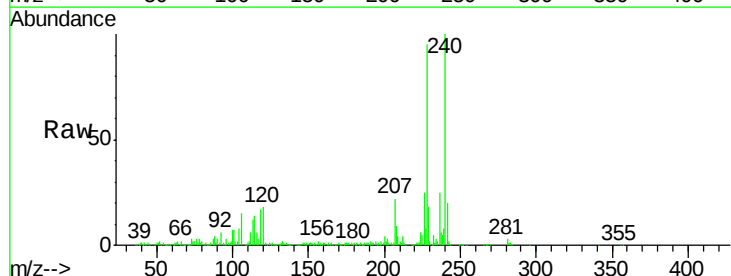
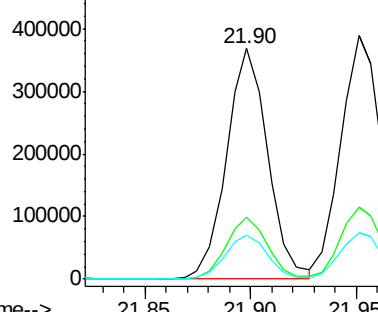
Acq: 07 Feb 2018 20:23

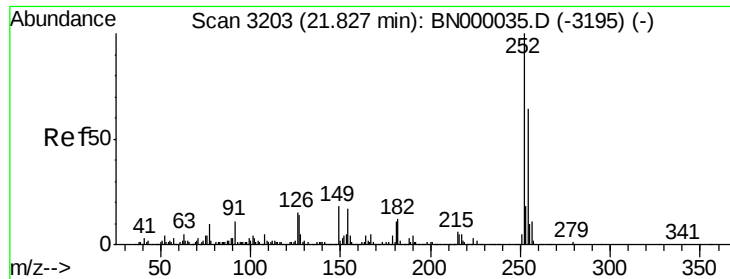
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	18.9	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





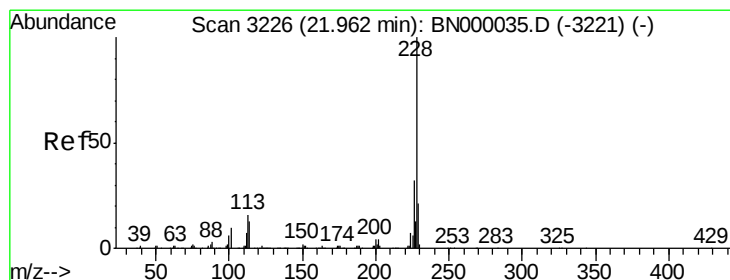
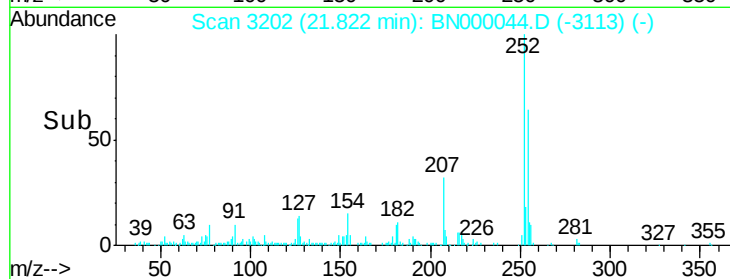
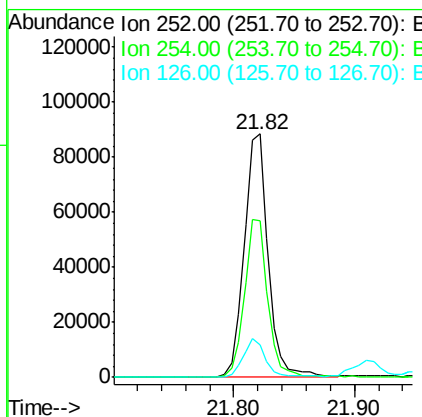
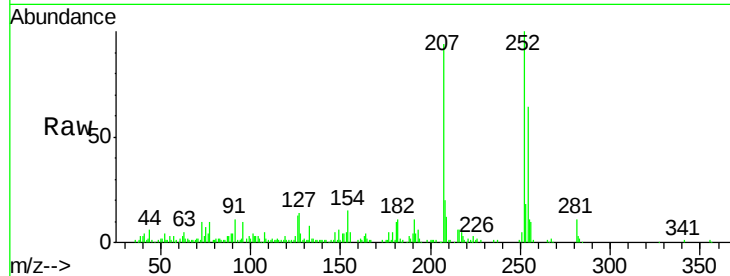
#81
 3,3'-Dichlorobenzidine
 Concen: 2.029 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	13.3	7.4	11.2

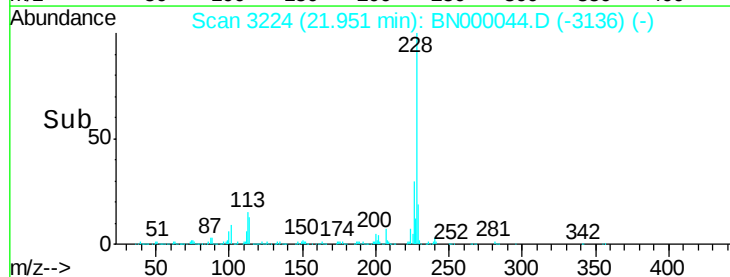
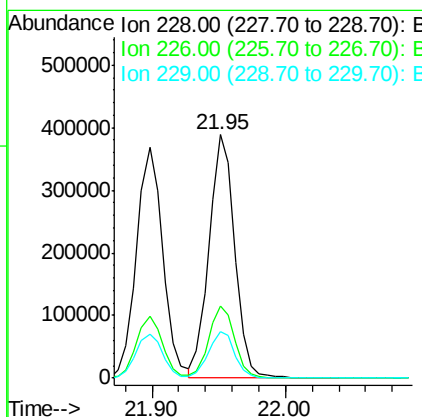
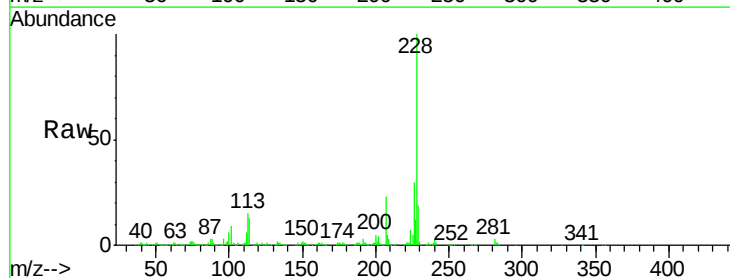
Manual Integrations
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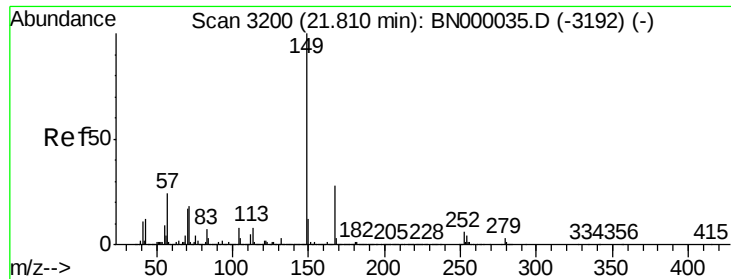
Sohil
 2/8/2018 3:37:35 PM



#82
 Chrysene
 Concen: 3.201 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	18.9	15.0	22.4





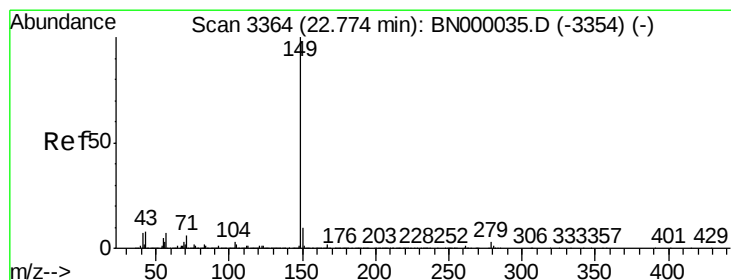
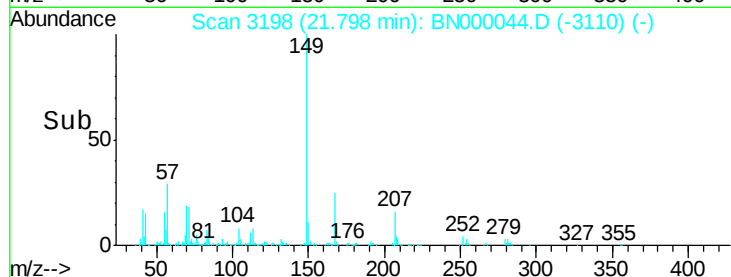
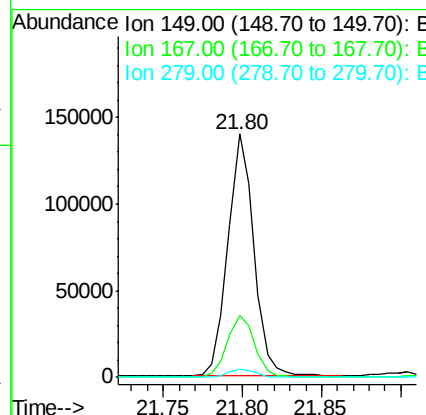
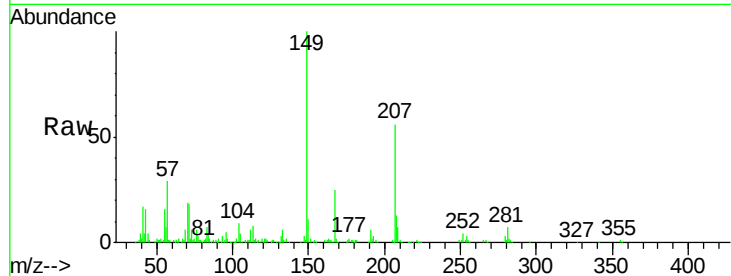
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.145 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.3	24.3	36.5
279	3.4	4.0	6.0

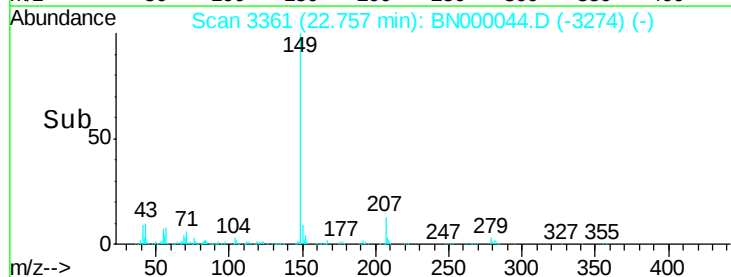
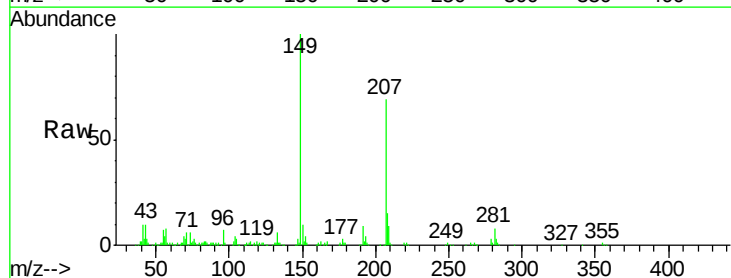
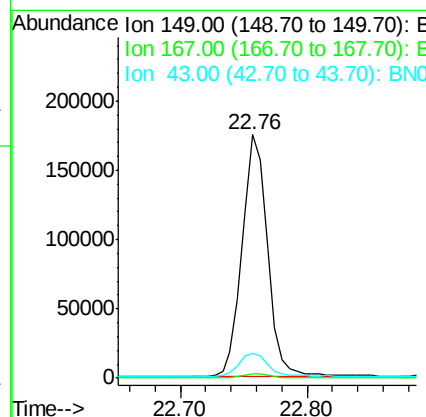
Manual Integrations
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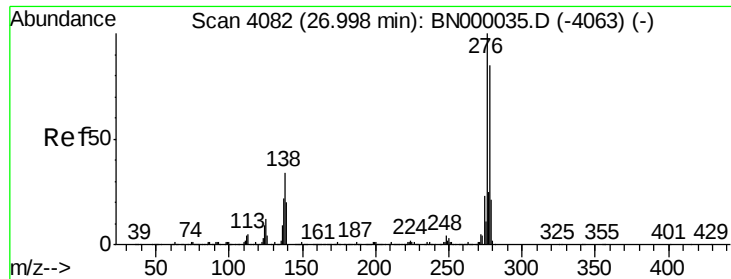
Sohil
 2/8/2018 3:37:35 PM



#84
 Di-n-octyl phthalate
 Concen: 7.634 ng
 RT: 22.76 min Scan# 3361
 Delta R.T. -0.02 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.4	8.9	13.3





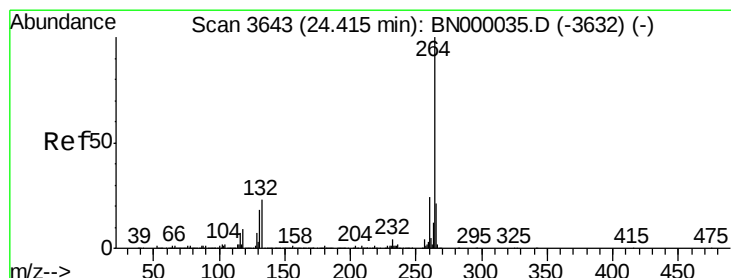
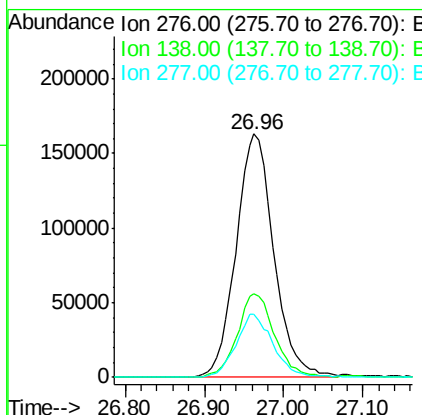
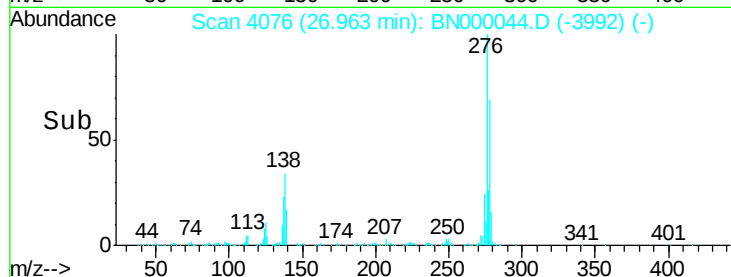
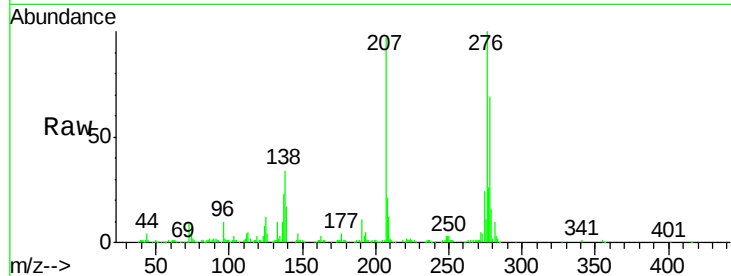
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.677 ng
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.04 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	16.0	24.0
277	25.5	20.0	30.0

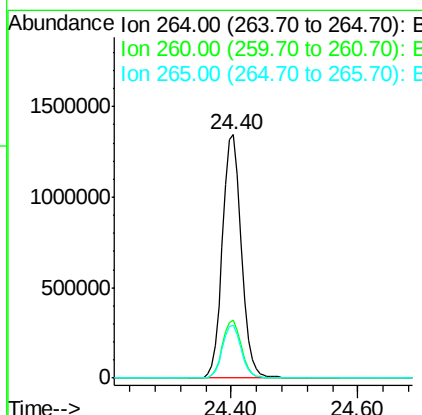
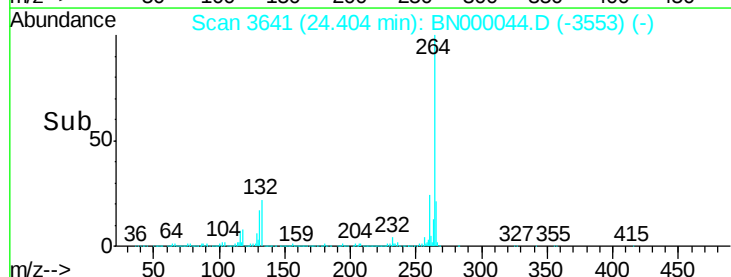
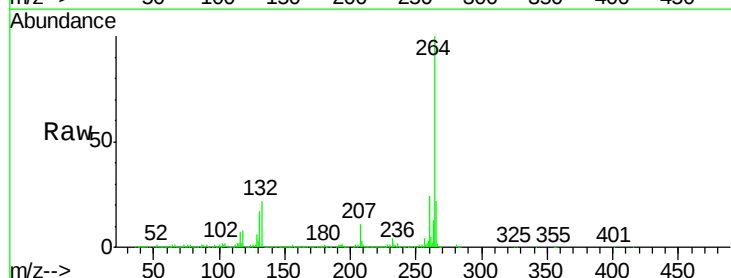
Manual Integrations
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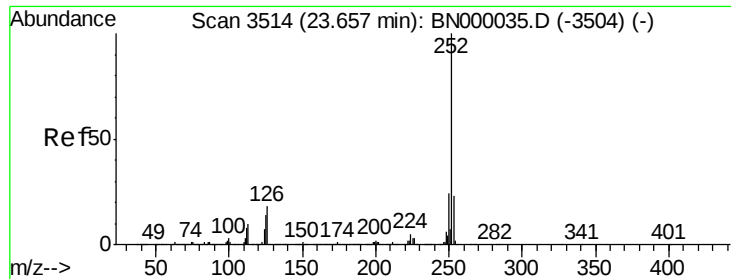
Sohil
 2/8/2018 3:37:35 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.40 min Scan# 3641
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 2.953 ng

RT: 23.65 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

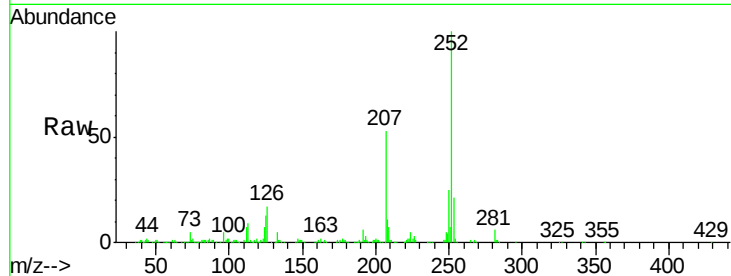
ClientSampled :

MDL-S-06

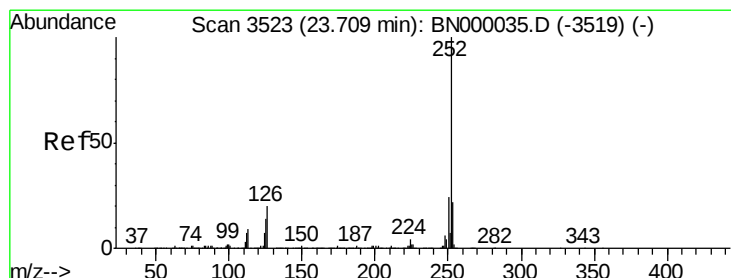
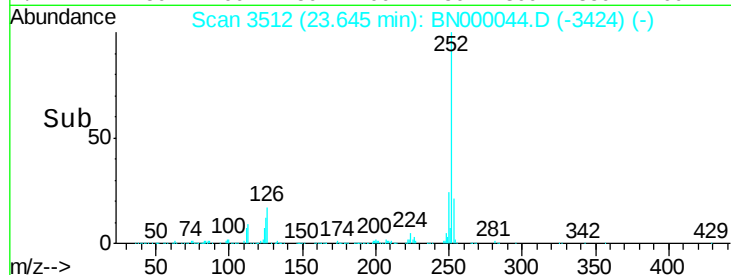
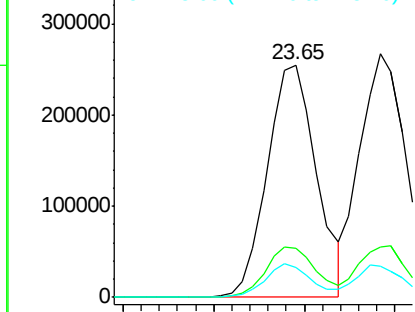
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	12.7	7.2	10.8

Manual Integrations
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2/8/2018 3:37:35 PM



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



#88

Benzo(k)fluoranthene

Concen: 2.989 ng

RT: 23.69 min Scan# 3520

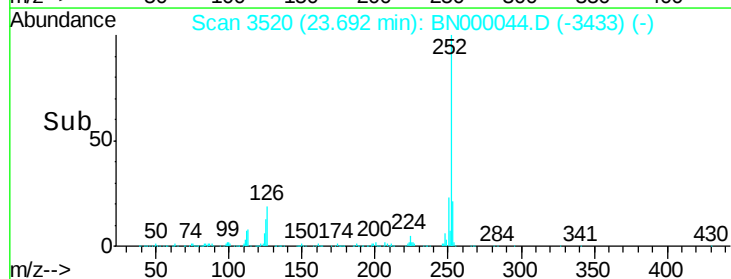
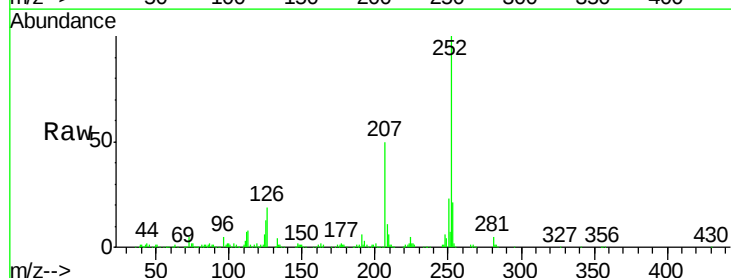
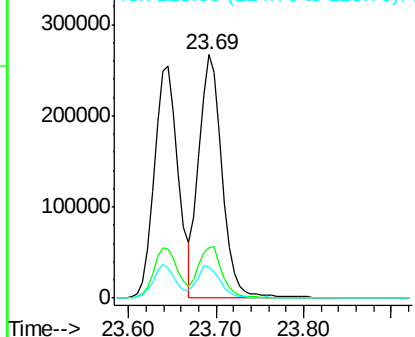
Delta R.T. -0.02 min

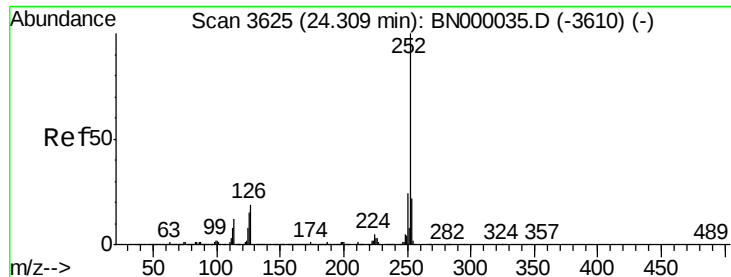
Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.2
125	12.9	6.6	9.8

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





#89

Benzo(a)pyrene

Concen: 2.851 ng

RT: 24.29 min Scan# 3622

Delta R.T. -0.02 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

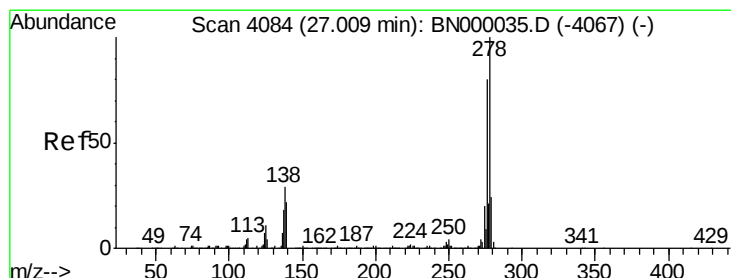
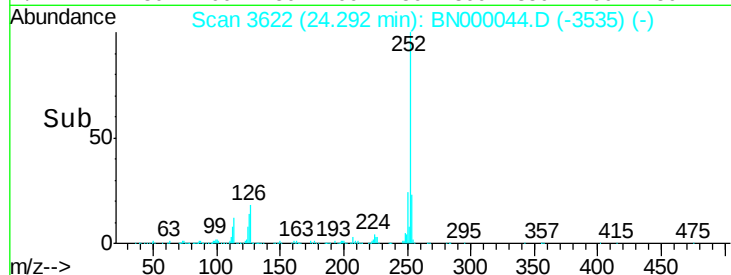
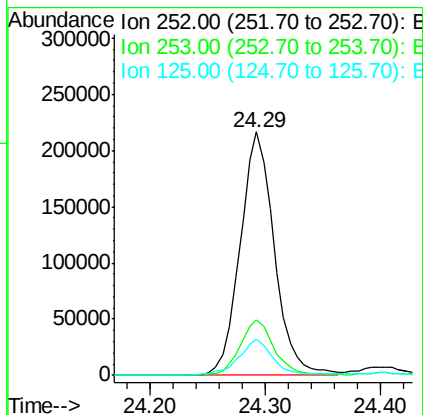
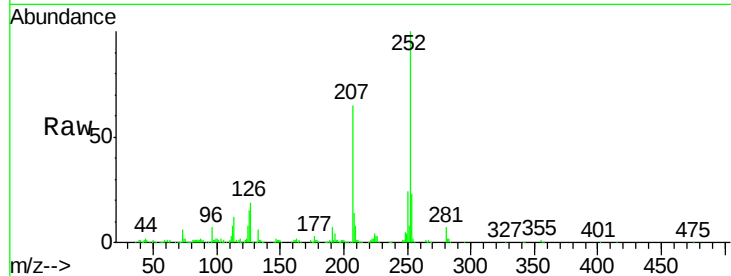
ClientSampled :

MDL-S-06

Tot Ion:	252	Resp:	446635
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	14.7	7.3	10.9#

Manual Integrations
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2/8/2018 3:37:35 PM



#90

Dibenzo(a,h)anthracene

Concen: 2.805 ng

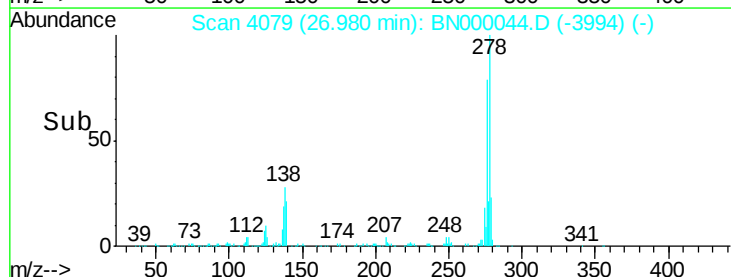
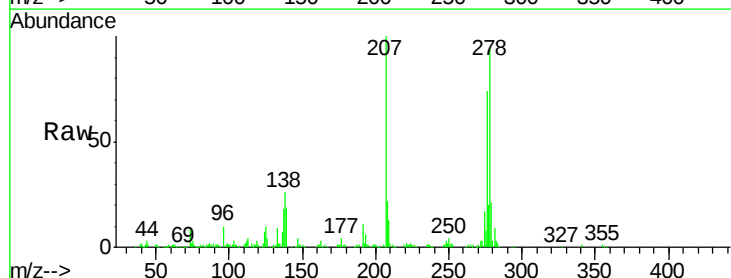
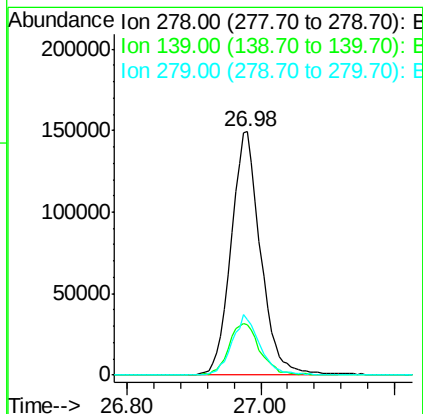
RT: 26.98 min Scan# 4079

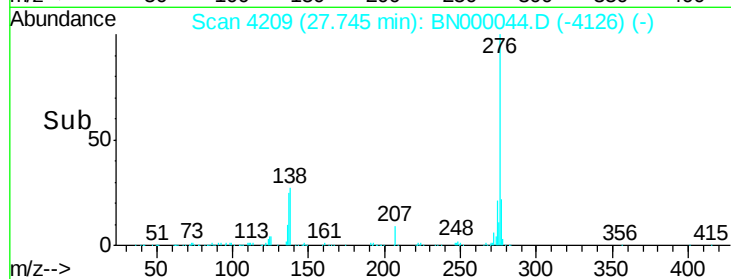
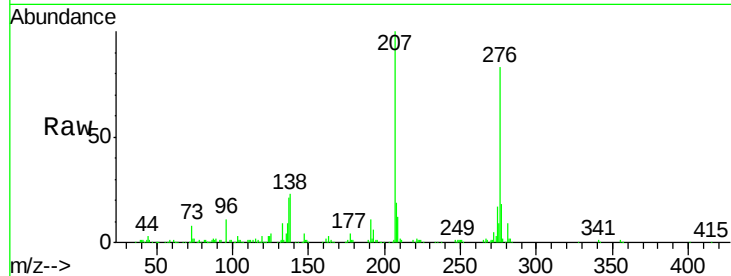
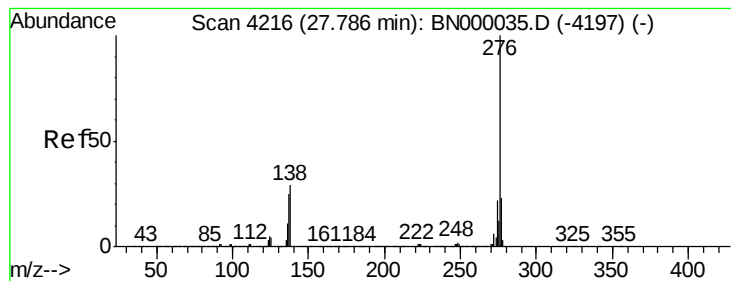
Delta R.T. -0.03 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion:	278	Resp:	459493
Ion Ratio	Lower	Upper	
278	100		
139	20.8	9.8	14.6#
279	22.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 2.814 ng

RT: 27.74 min Scan# 4209

Delta R.T. -0.04 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tot Ion:	276	Resp:	466068
Ion Ratio		Lower	Upper
276	100		
277	22.3	18.3	27.5
138	27.4	13.9	20.9

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

Manual Integrations
APPROVED

Sohil
2/8/2018 3:37:35 PM

