

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN020918\
 Data File : BN000052.D
 Acq On : 09 Feb 2018 11:06
 Operator : JU/SJ
 Sample : MDL-S-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:33:30 AM

Quant Time: Feb 12 14:58:52 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	406307	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	2015954	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1211148	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2657541	20.00	ng	0.00
75) Chrysene-d12	21.91	240	2815155	20.00	ng	-0.01
86) Perylene-d12	24.40	264	2876861	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	3479577	139.57	ng	0.00
7) Phenol-d6	7.59	99	4961301	131.38	ng	0.00
23) Nitrobenzene-d5	9.65	82	2955163	87.16	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1691213	141.07	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	7443603	86.62	ng	0.00
78) Terphenyl-d14	20.36	244	9057839	86.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	36553	3.644	ng	98
3) Pyridine	4.12	79	97047	3.108	ng	96
4) n-Nitrosodimethylamine	4.02	42	28255	3.200	ng	# 88
6) Aniline	7.77	93	160831	3.091	ng	90
8) 2-Chlorophenol	8.02	128	100311	3.441	ng	90
9) Benzaldehyde	7.58	77	69223	2.947	ng	97
10) Phenol	7.62	94	136017	3.412	ng	91
11) bis(2-Chloroethyl)ether	7.87	93	109042	3.326	ng	84
12) 1,3-Dichlorobenzene	8.35	146	116830	3.527	ng	98
13) 1,4-Dichlorobenzene	8.50	146	120329	3.557	ng	96
14) 1,2-Dichlorobenzene	8.83	146	117962	3.542	ng	94
15) Benzyl Alcohol	8.70	79	75417	2.779	ng	86
16) 2,2'-oxybis(1-Chloropropan	9.00	45	120263	3.466	ng	80
17) 2-Methylphenol	8.89	107	84381	2.979	ng	93
18) Hexachloroethane	9.57	117	38137	3.238	ng	# 75
19) n-Nitroso-di-n-propylamine	9.27	70	72487	2.865	ng	# 85
20) 3+4-Methylphenols	9.22	107	114127	2.881	ng	93
22) Acetophenone	9.30	105	184957	3.274	ng	# 87
24) Nitrobenzene	9.69	77	139479	3.763	ng	# 90
25) Isophorone	10.20	82	204057	2.911	ng	98
26) 2-Nitrophenol	10.40	139	30009	8.872	ng	# 86
27) 2,4-Dimethylphenol	10.44	122	84972m	2.796	ng	
28) bis(2-Chloroethoxy)methane	10.69	93	145407	3.235	ng	96
29) 2,4-Dichlorophenol	10.94	162	69300	2.464	ng	96
30) 1,2,4-Trichlorobenzene	11.16	180	114549	3.537	ng	97
31) Naphthalene	11.36	128	389314	3.523	ng	97
32) Benzoic acid	10.48	122	22812m	11.332	ng	
33) 4-Chloroaniline	11.45	127	141445	2.913	ng	95
34) Hexachlorobutadiene	11.63	225	59246	3.528	ng	97
35) Caprolactam	12.17	113	20202	5.524	ng	92
36) 4-Chloro-3-methylphenol	12.53	107	85048	2.382	ng	99
37) 2-Methylnaphthalene	12.93	142	258998	3.368	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	124719	3.489	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	39454	2.648	ng	89

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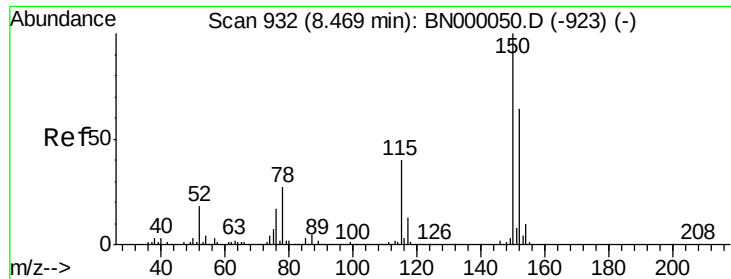
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	49177	2.295	ng	96
43) 2,4,5-Trichlorophenol	13.59	196	60564	2.351	ng	# 94
45) 1,1'-Biphenyl	13.92	154	397664	3.728	ng	98
46) 2-Chloronaphthalene	13.97	162	280334	3.503	ng	95
47) 2-Nitroaniline	14.15	65	42480	6.504	ng	# 82
48) Acenaphthylene	14.80	152	406832	3.155	ng	98
49) Dimethylphthalate	14.51	163	328422	3.244	ng	99
50) 2,6-Dinitrotoluene	14.63	165	46179	2.209	ng	90
51) Acenaphthene	15.14	154	289920	3.454	ng	99
52) 3-Nitroaniline	14.96	138	56441	2.222	ng	# 87
53) 2,4-Dinitrophenol	15.16	184	9864	10.405	ng	85
54) Dibenzofuran	15.47	168	425199	3.577	ng	95
55) 4-Nitrophenol	15.23	139	31117	6.378	ng	# 78
56) 2,4-Dinitrotoluene	15.41	165	52304	5.779	ng	# 97
57) Fluorene	16.11	166	344370	3.548	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	47135	2.319	ng	# 85
59) Diethylphthalate	15.86	149	324539	3.154	ng	97
60) 4-Chlorophenyl-phenylether	16.09	204	156906	3.547	ng	# 87
61) 4-Nitroaniline	16.11	138	55790	2.137	ng	90
62) Azobenzene	16.39	77	310307	3.030	ng	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	18401	9.904	ng	89
65) n-Nitrosodiphenylamine	16.30	169	273613	3.164	ng	98
66) 4-Bromophenyl-phenylether	16.98	248	83324	3.297	ng	# 83
67) Hexachlorobenzene	17.10	284	101433	3.437	ng	# 85
68) Atrazine	17.23	200	70546	2.507	ng	96
69) Pentachlorophenol	17.43	266	35963	7.472	ng	96
70) Phenanthrene	17.83	178	570011	3.631	ng	98
71) Anthracene	17.93	178	498652	3.281	ng	99
72) Carbazole	18.19	167	494956	3.232	ng	97
73) Di-n-butylphthalate	18.72	149	397425	2.351	ng	# 97
74) Fluoranthene	19.82	202	537067	3.261	ng	95
76) Benzidine	19.98	184	129578	1.444	ng	97
77) Pyrene	20.17	202	603892	3.375	ng	99
79) Butylbenzylphthalate	21.03	149	132386	6.761	ng	96
80) Benzo(a)anthracene	21.90	228	583453	3.372	ng	97
81) 3,3'-Dichlorobenzidine	21.82	252	142468	2.242	ng	# 97
82) Chrysene	21.95	228	625924	3.630	ng	98
83) Bis(2-ethylhexyl)phthalate	21.80	149	210299	4.472	ng	92
84) Di-n-octyl phthalate	22.76	149	282436	7.737	ng	99
85) Indeno(1,2,3-cd)pyrene	26.96	276	595334	2.811	ng	# 86
87) Benzo(b)fluoranthene	23.64	252	535770	3.182	ng	# 96
88) Benzo(k)fluoranthene	23.69	252	576028	3.396	ng	# 95
89) Benzo(a)pyrene	24.29	252	489249	3.030	ng	# 95
90) Dibenzo(a,h)anthracene	26.97	278	509985	3.020	ng	# 92
91) Benzo(g,h,i)perylene	27.74	276	499799	2.927	ng	# 86

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



#1

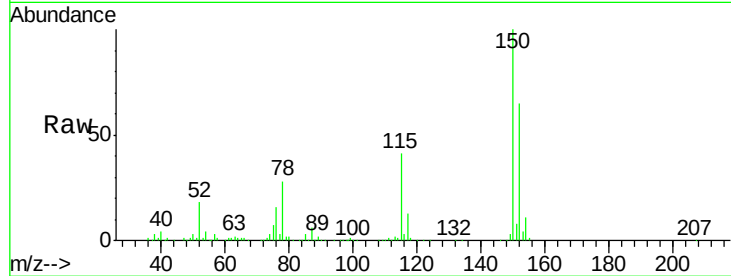
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	63.4	53.0	79.4

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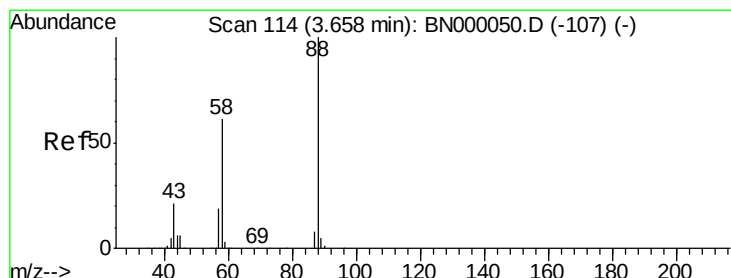
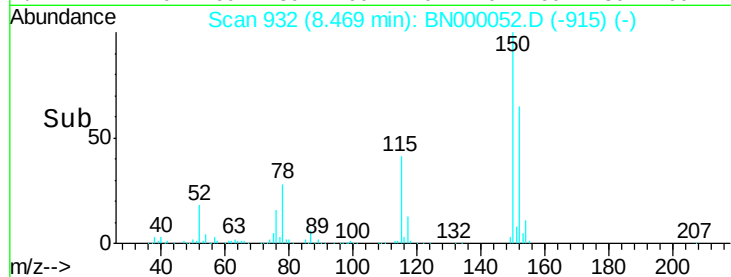
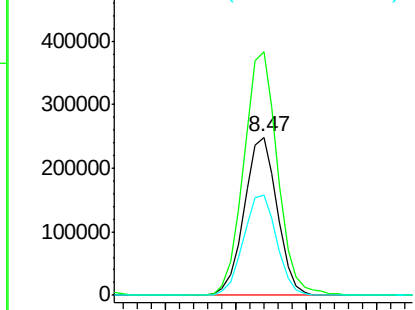


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

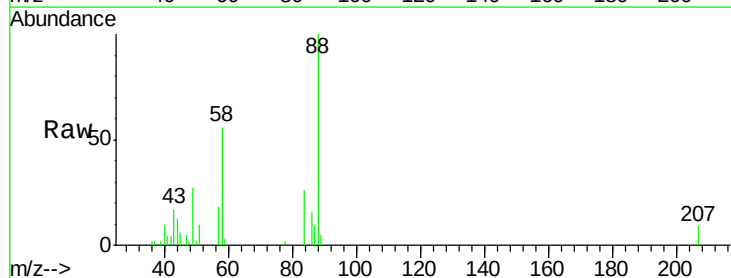
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.644 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	52.0	78.0
43	25.0	20.0	30.0

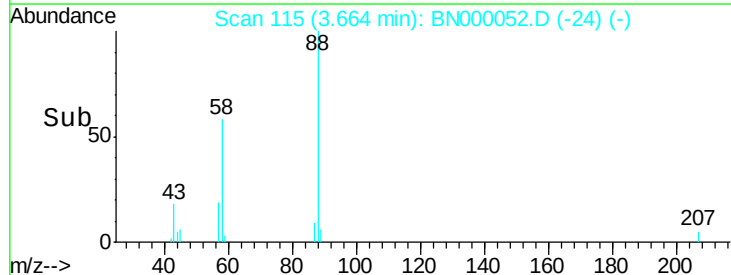
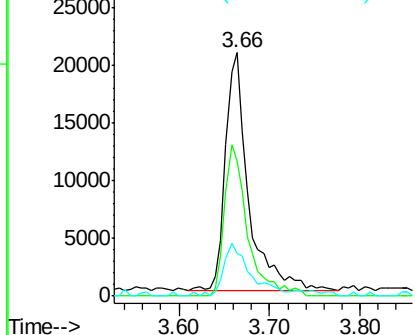


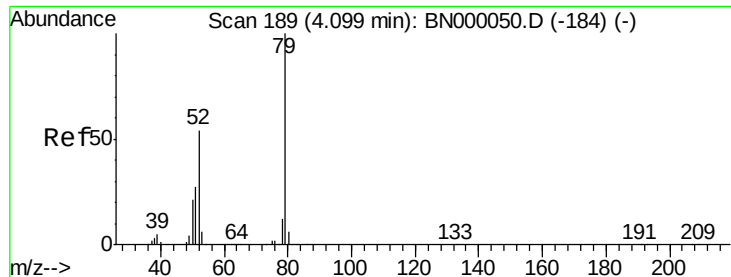
Abundance

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

Pyridine

Concen: 3.108 ng

RT: 4.12 min Scan# 193

Delta R.T. 0.02 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

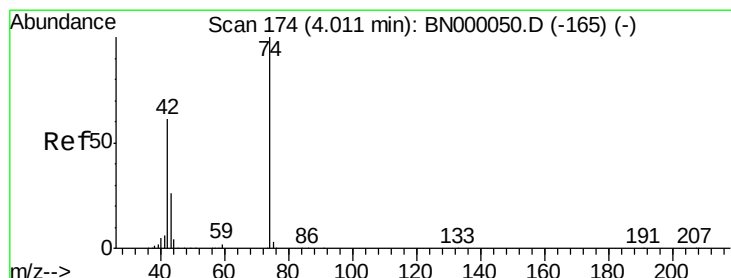
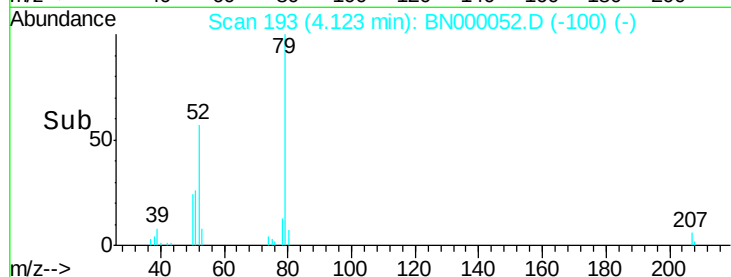
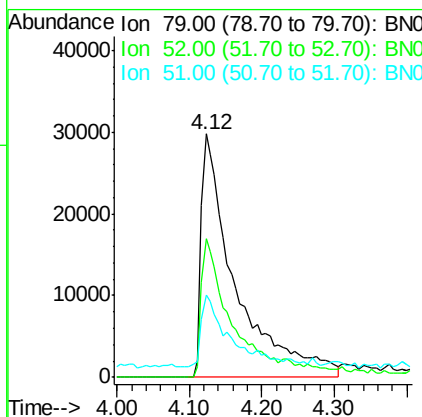
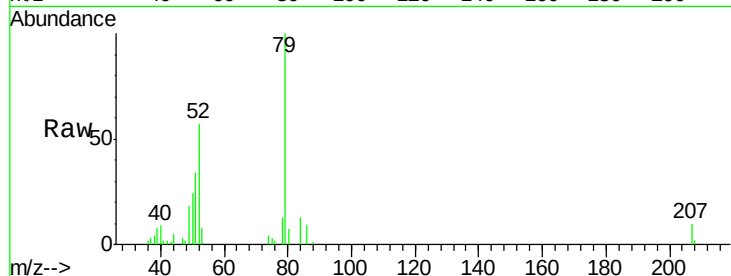
ClientSampleId :

MDL-S-02

Tgt Ion:	79	Resp:	97047
Ion	Ratio	Lower	Upper
79	100		
52	57.1	44.0	66.0
51	34.0	24.0	36.0

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#4

n-Nitrosodimethylamine

Concen: 3.200 ng

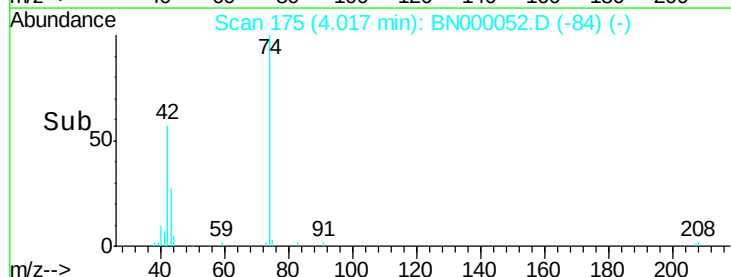
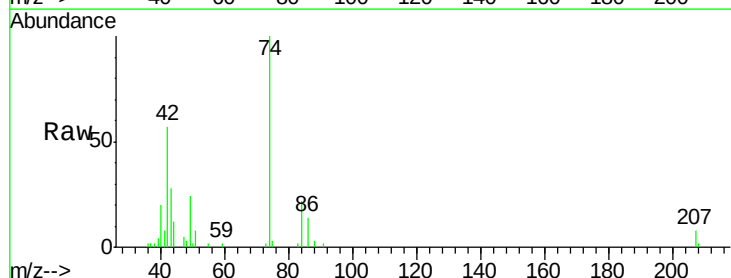
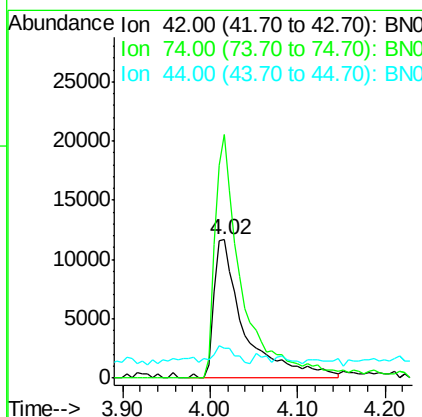
RT: 4.02 min Scan# 175

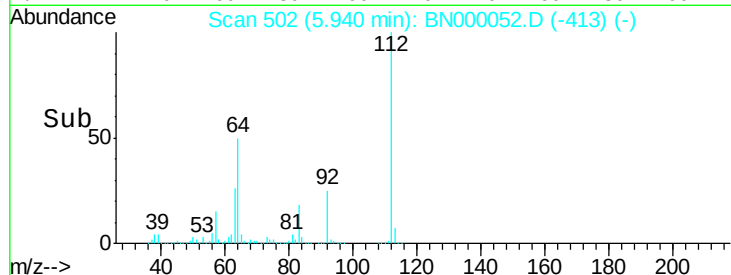
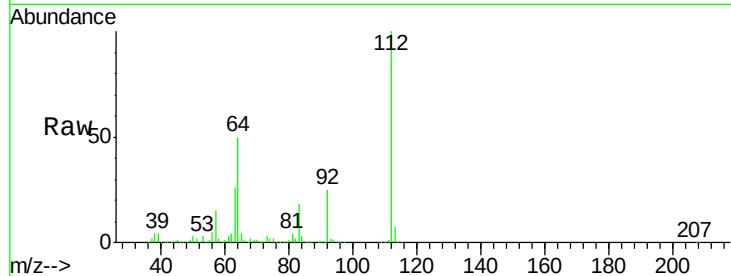
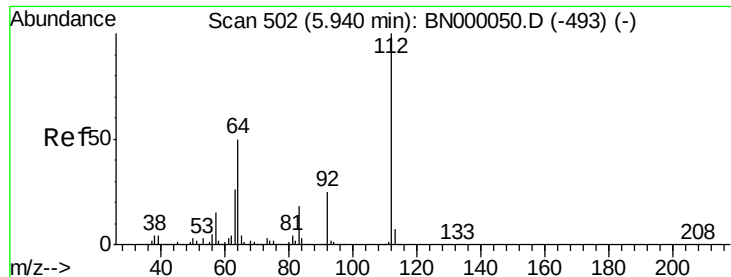
Delta R.T. 0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	42	Resp:	28255
Ion	Ratio	Lower	Upper
42	100		
74	175.8	128.0	192.0
44	21.5	12.0	18.0





#5

2-Fluorophenol

Concen: 139.572 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

ClientSampled :

MDL-S-02

Tgt Ion: 112 Resp: 3479577

Ion Ratio Lower Upper

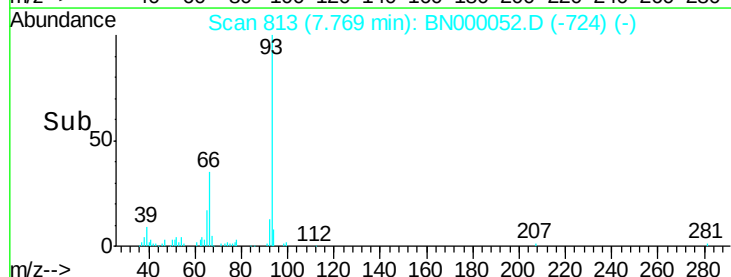
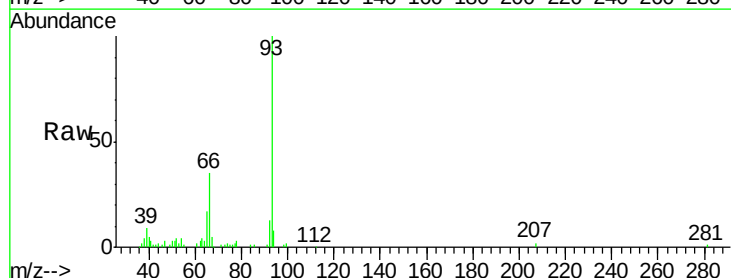
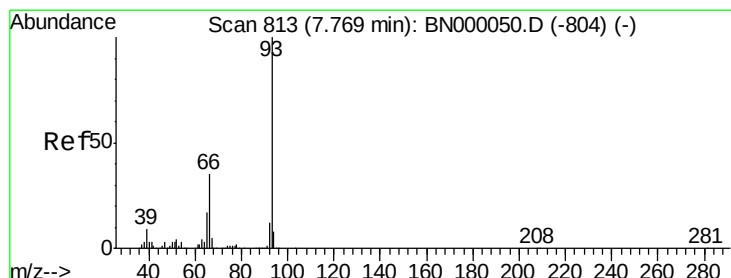
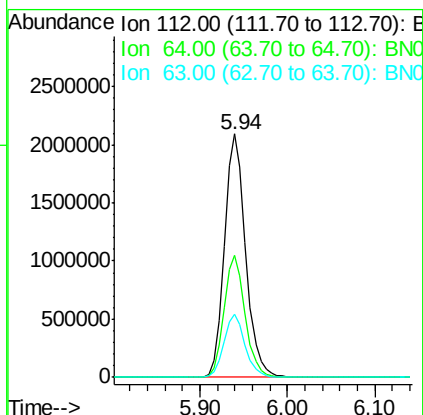
112 100

64 50.0 56.3 84.5#

63 26.2 30.1 45.1#

Manual Integrations
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#6

Aniline

Concen: 3.091 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

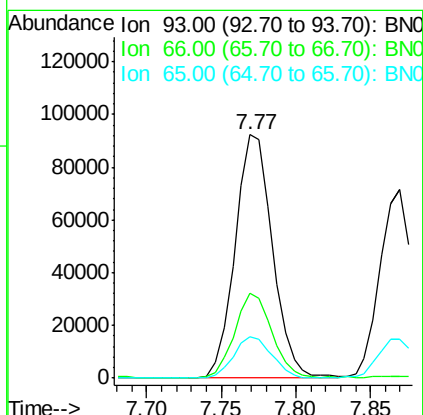
Tgt Ion: 93 Resp: 160831

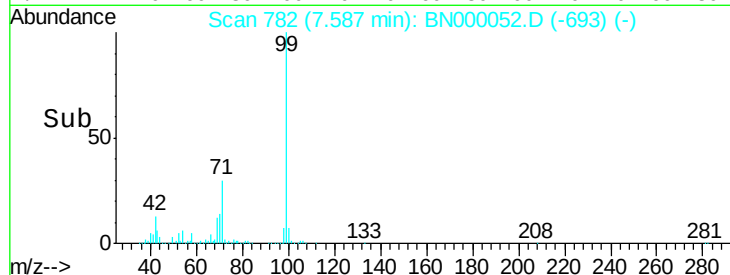
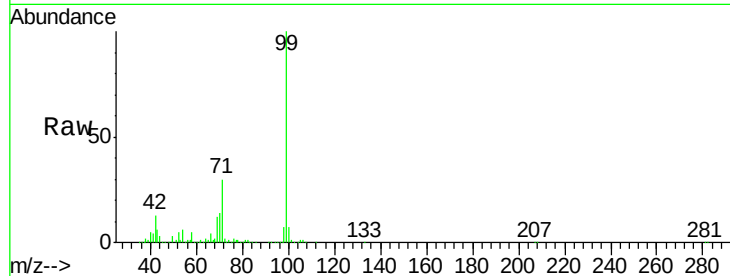
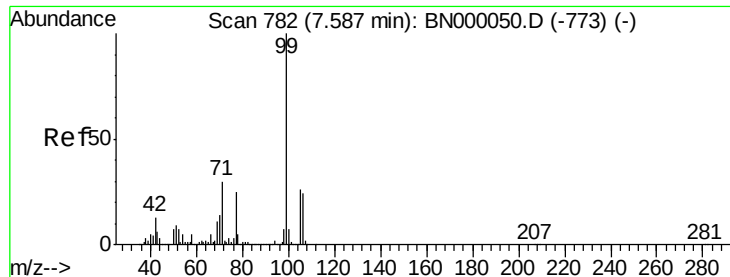
Ion Ratio Lower Upper

93 100

66 34.6 33.7 50.5

65 16.8 16.1 24.1





#7

Phenol-d6

Concen: 131.378 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	99	Resp:	4961301
Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	29.8	26.1	39.1

Instrument :

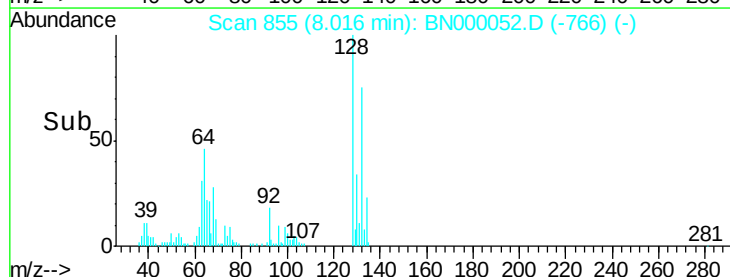
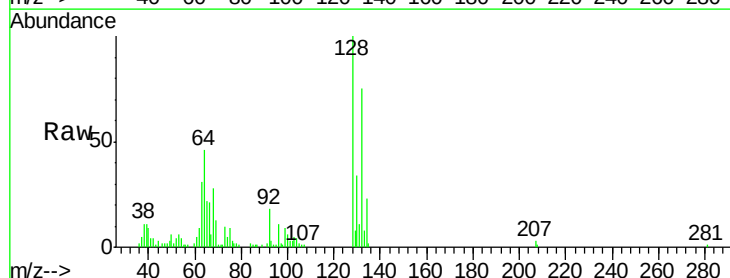
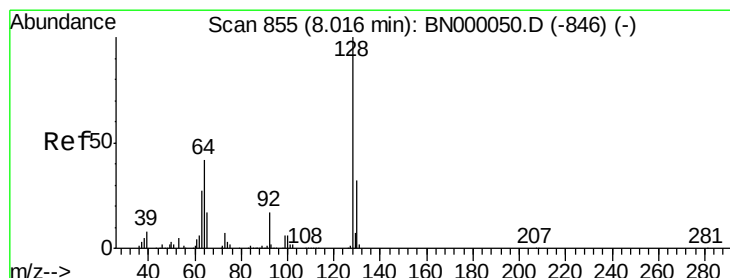
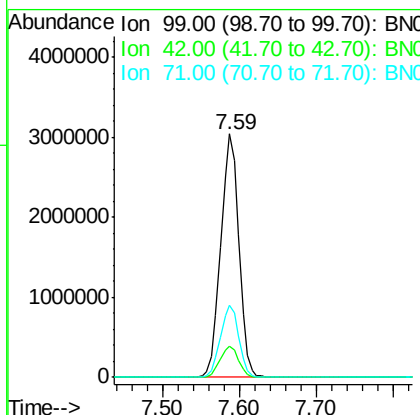
BNA_N

ClientSampleId :

MDL-S-02

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#8

2-Chlorophenol

Concen: 3.441 ng

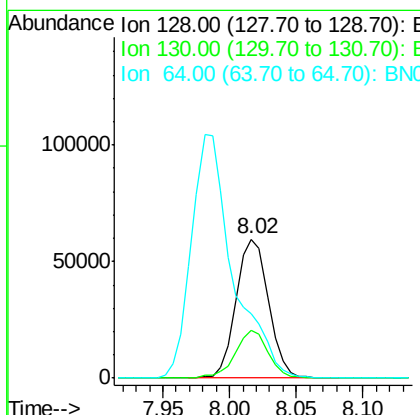
RT: 8.02 min Scan# 855

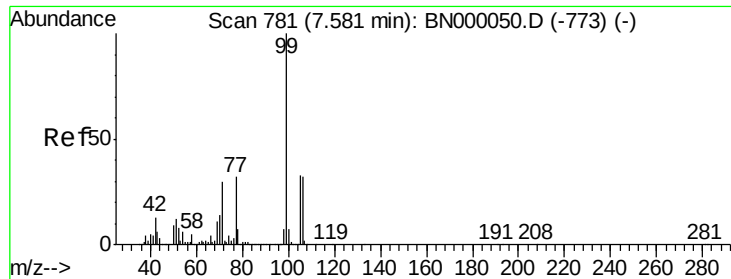
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	128	Resp:	100311
Ion	Ratio	Lower	Upper
128	100		
130	34.5	14.0	54.0
64	46.3	37.7	77.7





#9

Benzaldehyde

Concen: 2.947 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

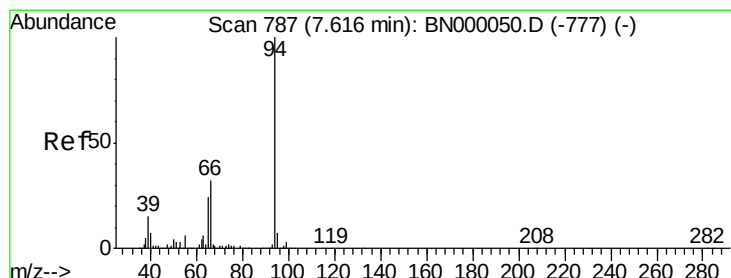
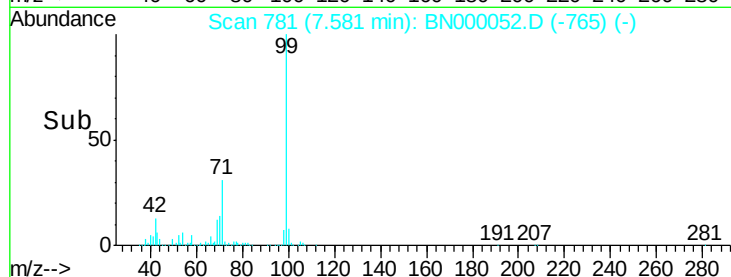
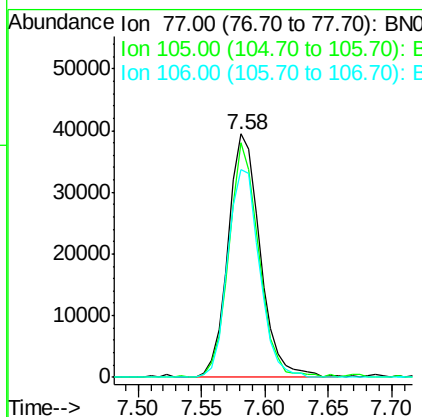
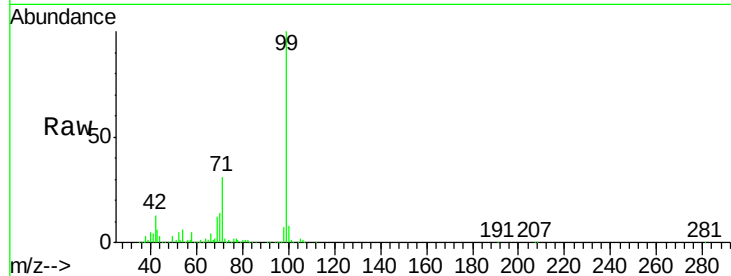
ClientSampled :

MDL-S-02

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.3	71.3	111.3
106	85.3	64.2	104.2

Manual Integrations
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2/13/2018 11:33:30 AM



#10

Phenol

Concen: 3.412 ng

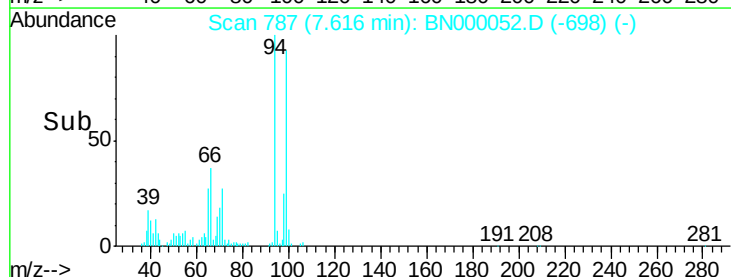
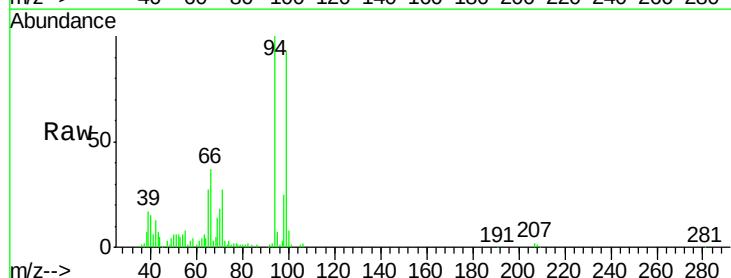
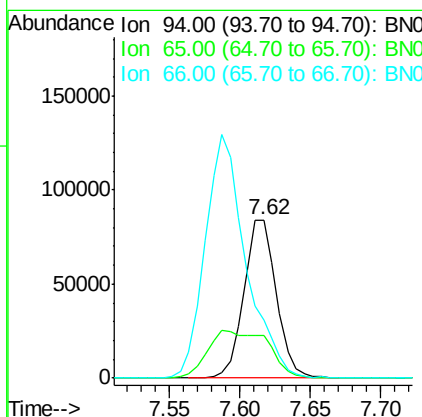
RT: 7.62 min Scan# 787

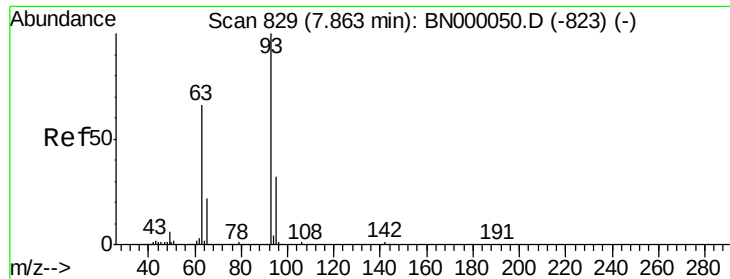
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	11.9	51.9
66	36.8	22.2	62.2





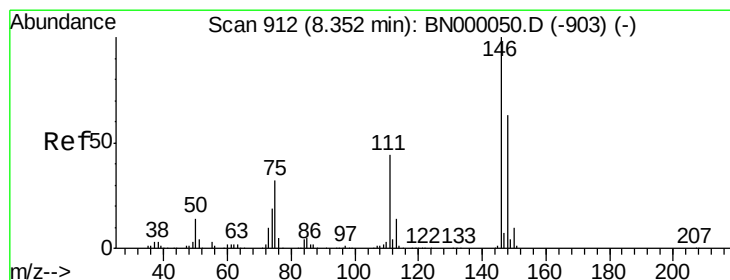
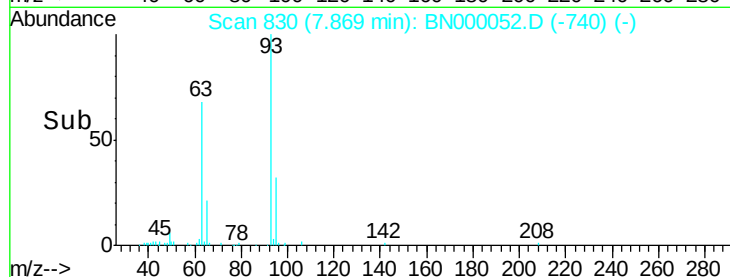
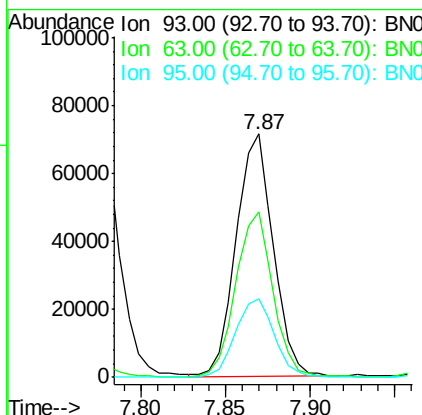
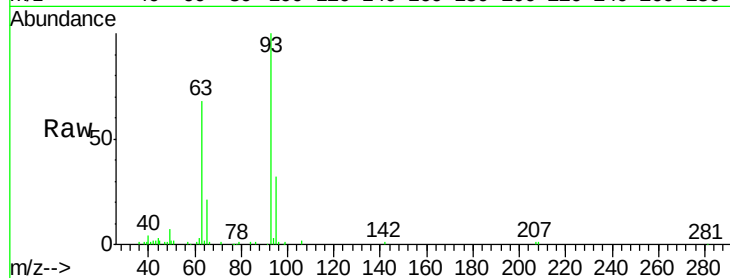
#11
bis(2-Chloroethyl)ether
Concen: 3.326 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
93	100		
63	67.8	67.1	107.1
95	32.1	11.5	51.5

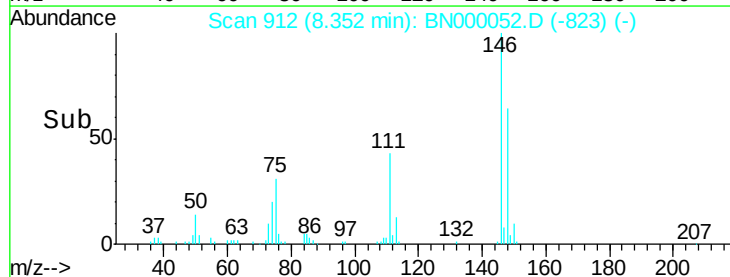
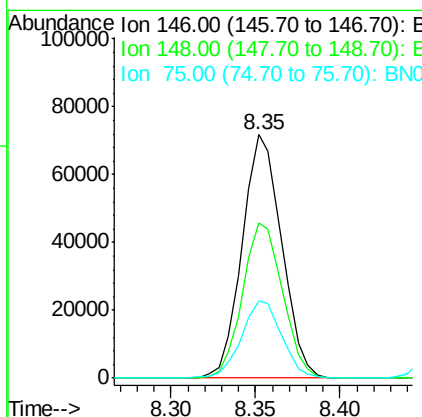
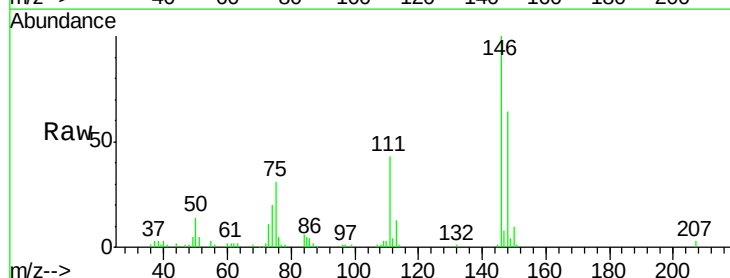
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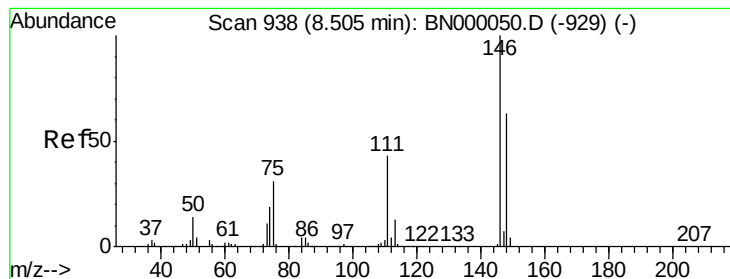
Sohil
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#12
1,3-Dichlorobenzene
Concen: 3.527 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	31.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 3.557 ng

RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

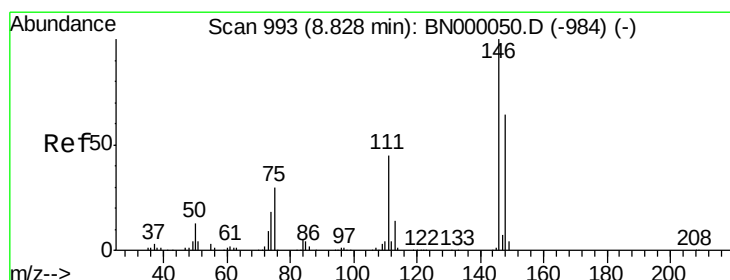
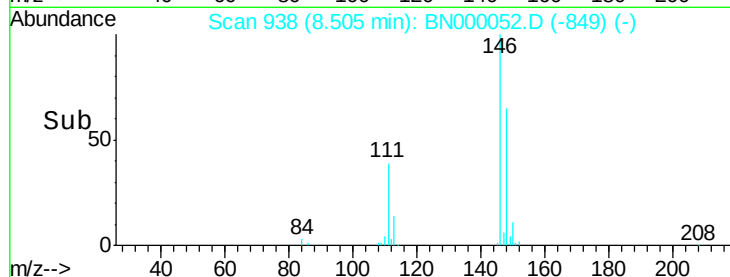
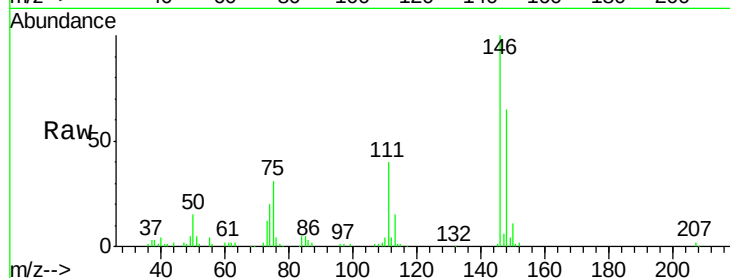
ClientSampled :

MDL-S-02

Tgt Ion:	146	Resp:	120329
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.7	80.5
111	39.8	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 3.542 ng

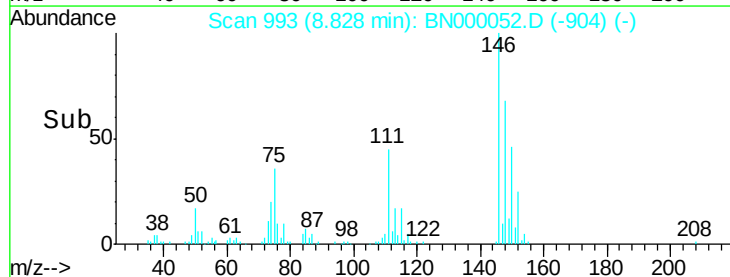
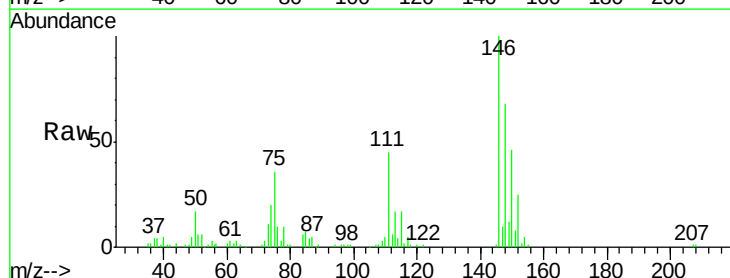
RT: 8.83 min Scan# 993

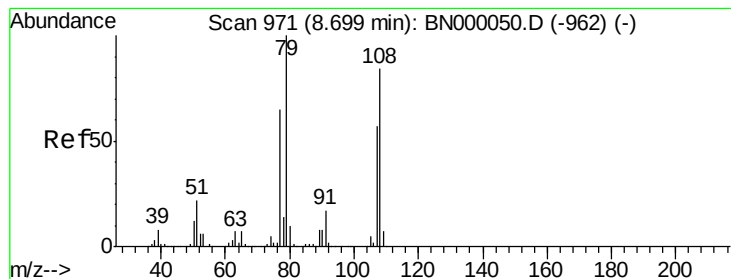
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	146	Resp:	117962
Ion Ratio	Lower	Upper	
146	100		
148	68.0	49.3	73.9
111	44.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 2.779 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000052.D

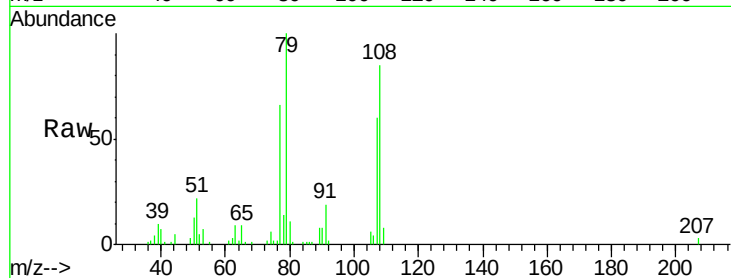
Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

ClientSampleId :

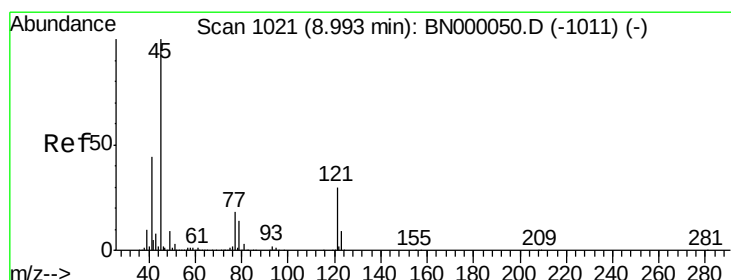
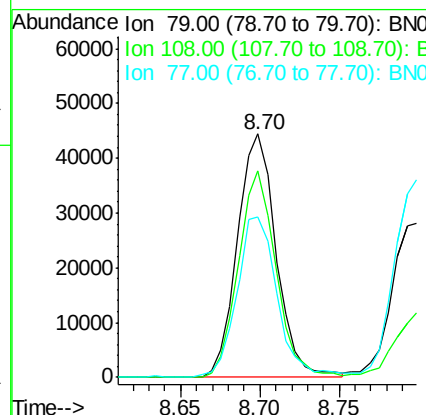
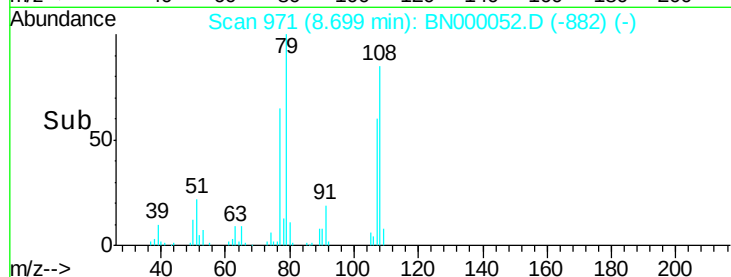
MDL-S-02



Tgt Ion:	79	Resp:	75417
Ion	Ratio	Lower	Upper
79	100		
108	84.7	57.2	85.8
77	66.1	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 3.466 ng

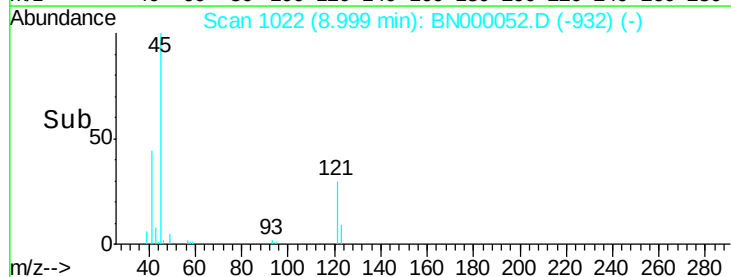
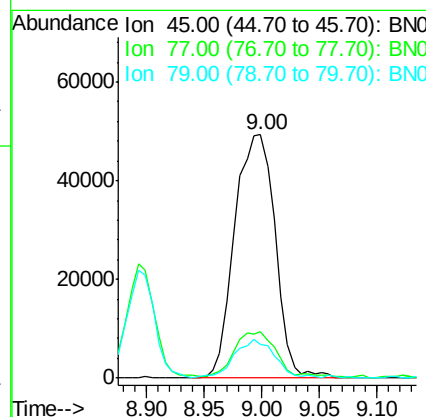
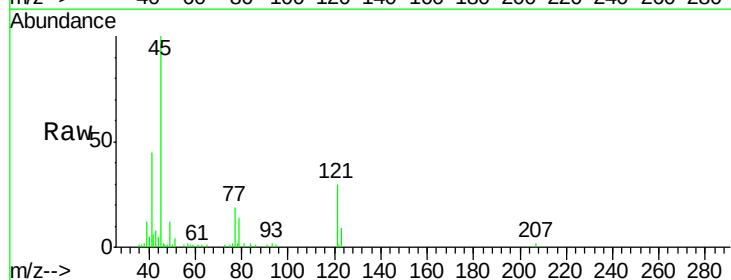
RT: 9.00 min Scan# 1022

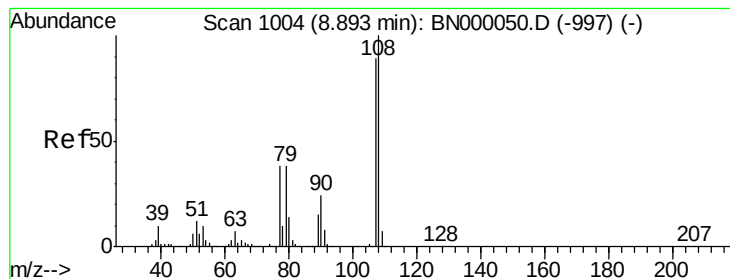
Delta R.T. 0.00 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	45	Resp:	120263
Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	30.2
79	13.7	0.0	27.9





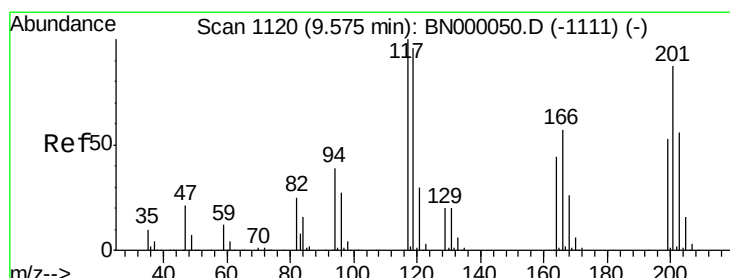
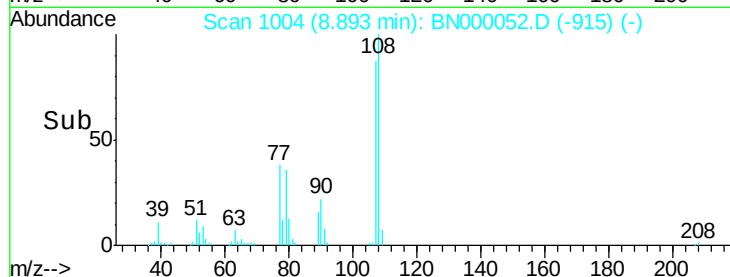
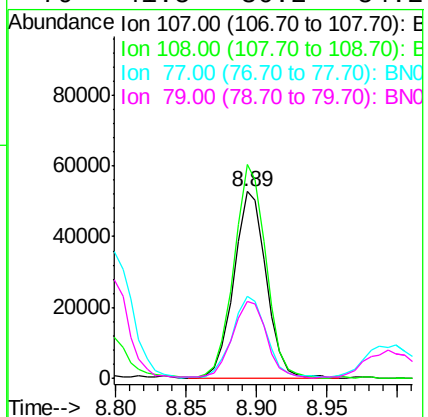
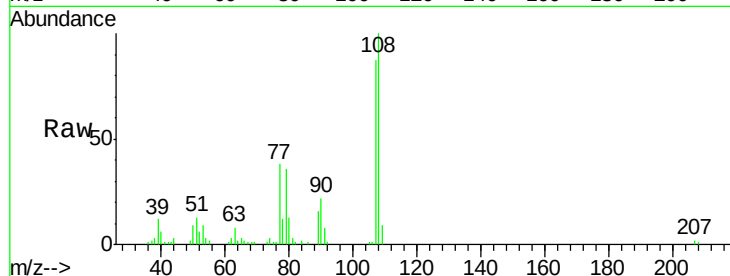
#17
2-Methylphenol
Concen: 2.979 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion:	107	Resp:	84381
Ion Ratio	Lower	Upper	
107	100		
108	114.6	83.9	125.9
77	43.9	37.2	55.8
79	41.5	36.2	54.2

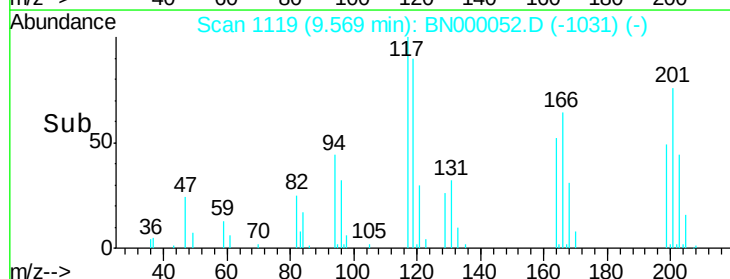
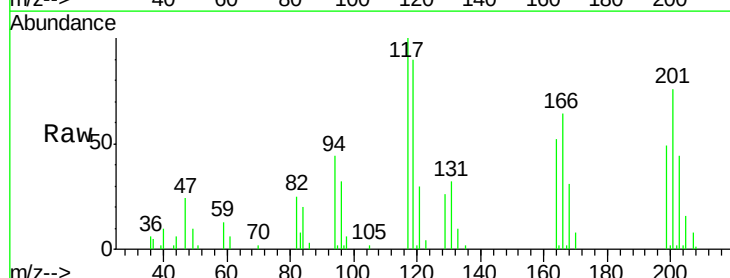
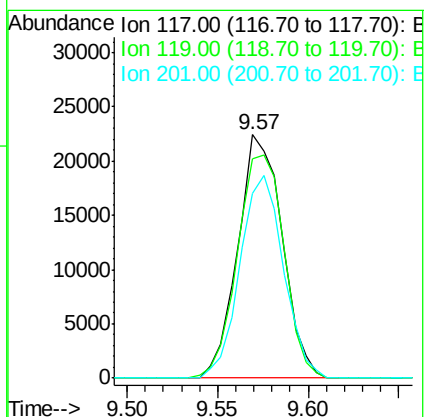
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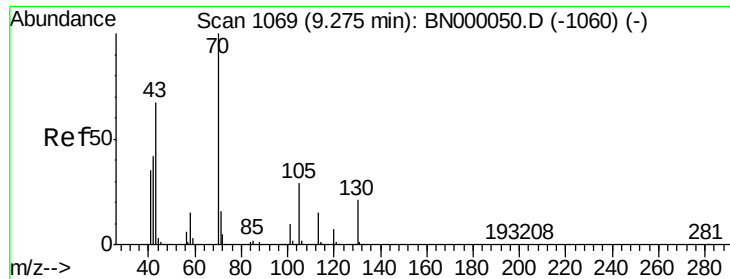
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#18
Hexachloroethane
Concen: 3.238 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion:	117	Resp:	38137
Ion Ratio	Lower	Upper	
117	100		
119	89.9	76.7	115.1
201	76.0	95.7	143.5#





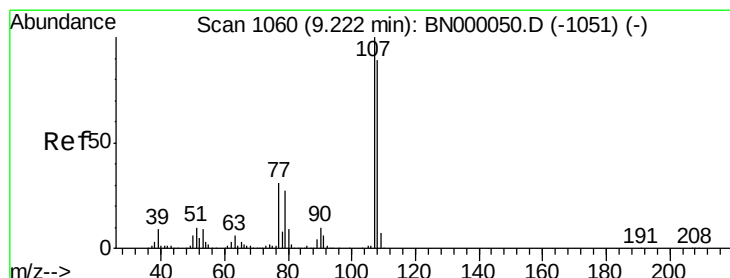
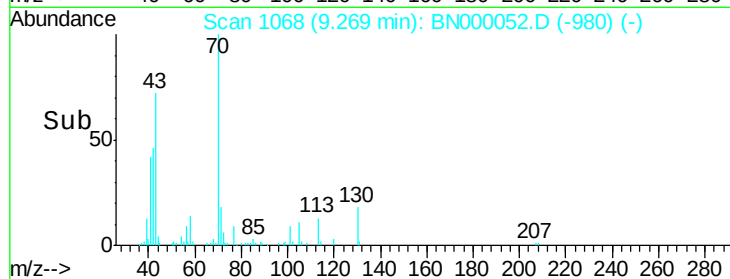
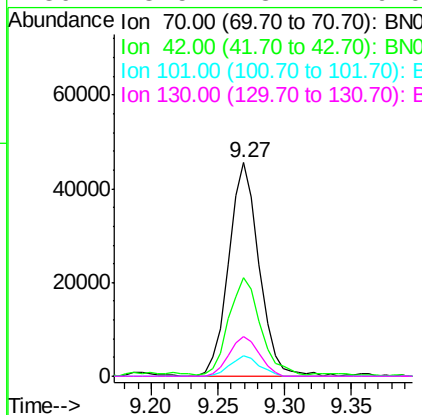
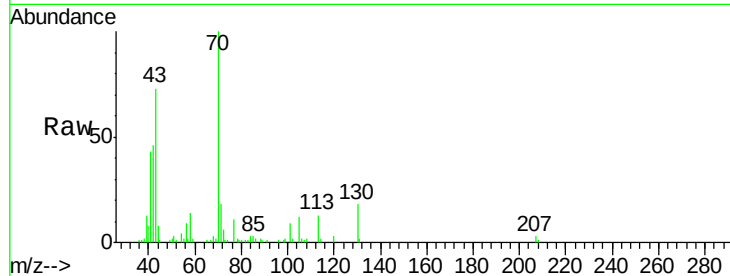
#19
n-Nitroso-di-n-propylamine
Concen: 2.865 ng
RT: 9.27 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	9.4	8.5	12.7
130	18.5	13.4	20.0

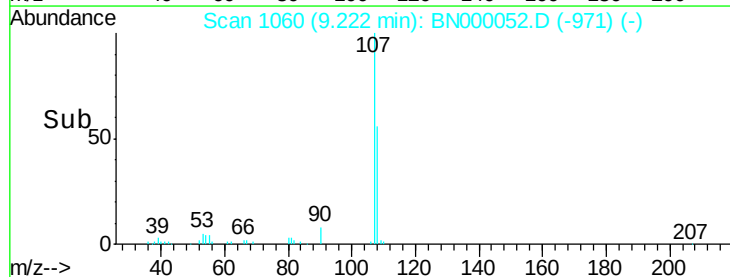
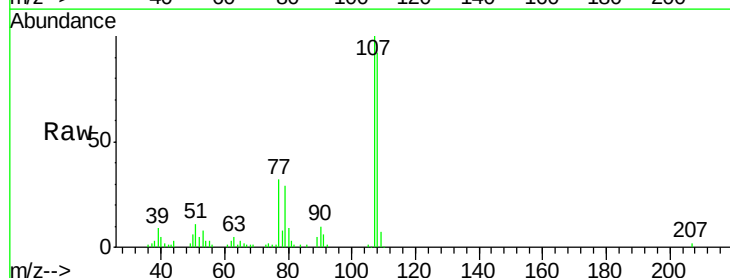
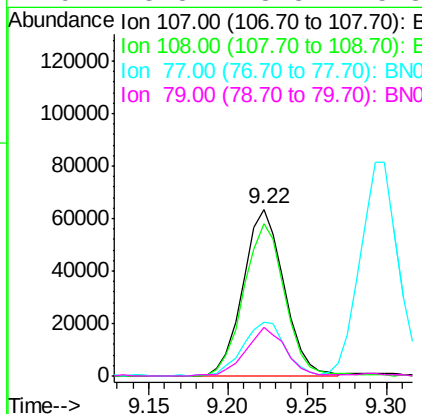
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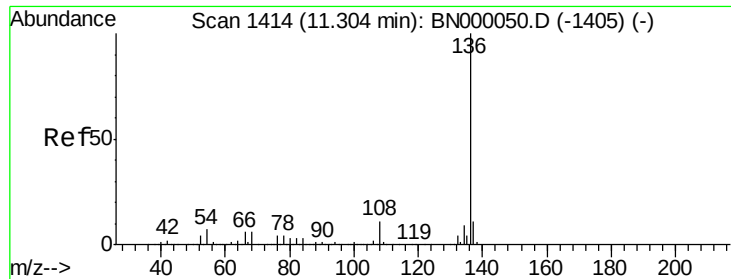
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#20
3+4-Methylphenols
Concen: 2.881 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	61.6	101.6
77	32.0	13.9	53.9
79	28.8	8.8	48.8





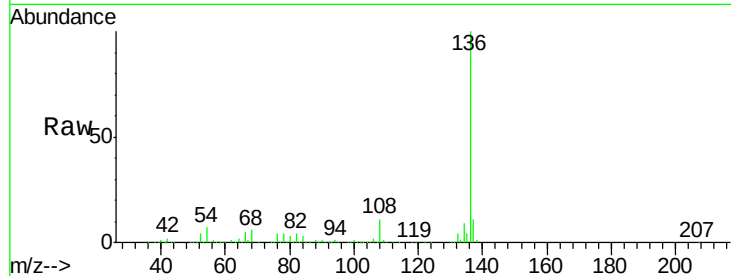
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.30 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampled :
MDL-S-02

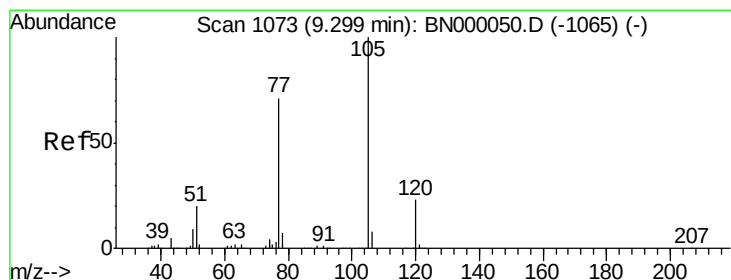
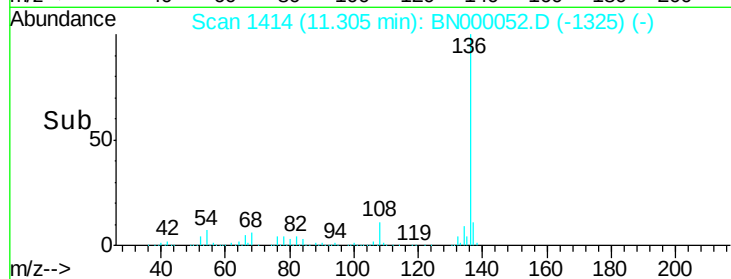
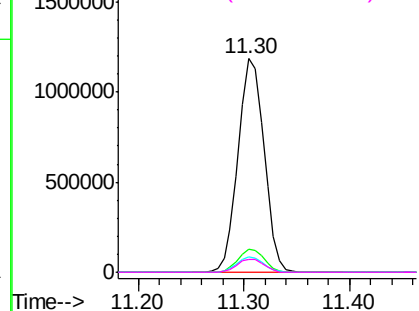
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.2	10.3	15.5#
68	6.3	4.5	6.7

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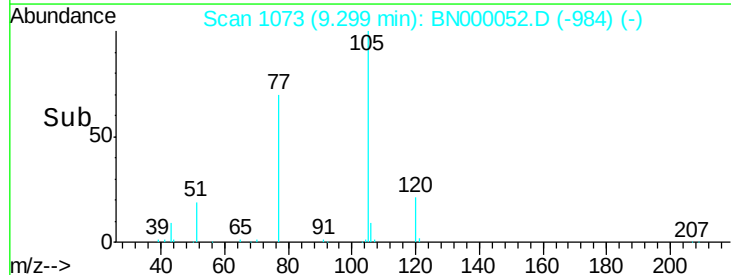
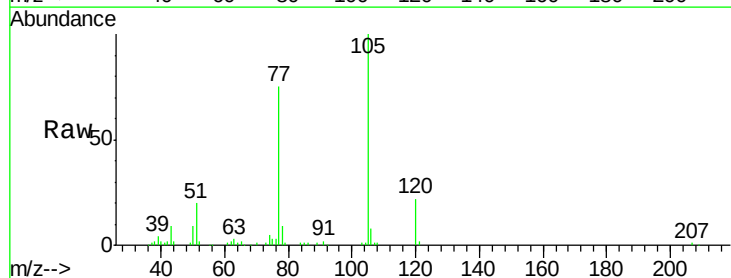
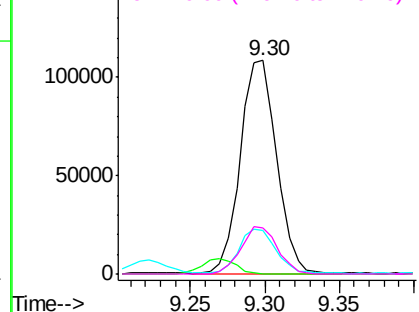
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

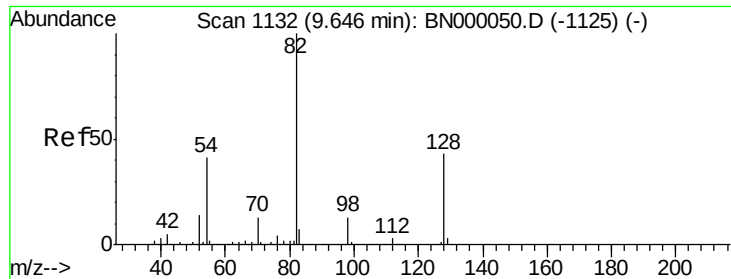


#22
Acetophenone
Concen: 3.274 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	20.5	26.1	39.1#
120	21.7	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





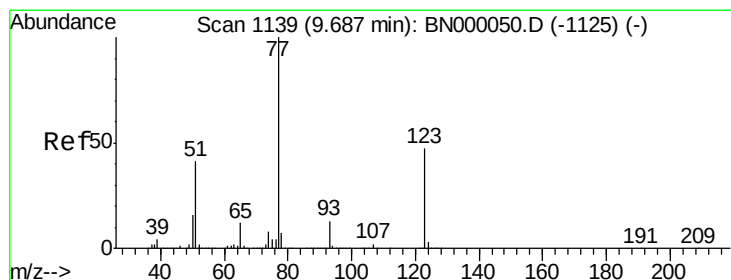
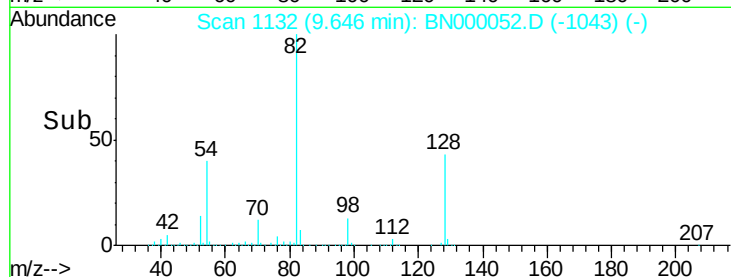
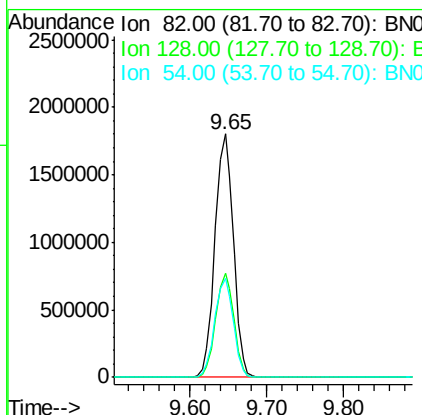
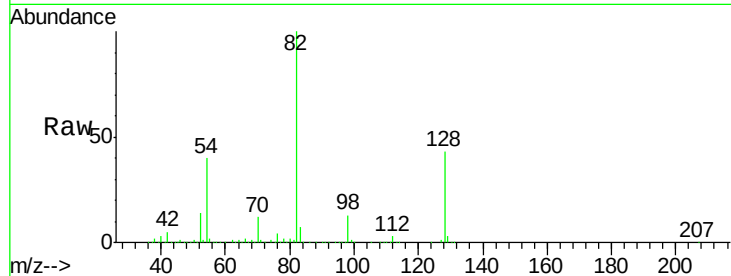
#23
 Nitrobenzene-d5
 Concen: 87.155 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleID :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	40.4	43.1	64.7#

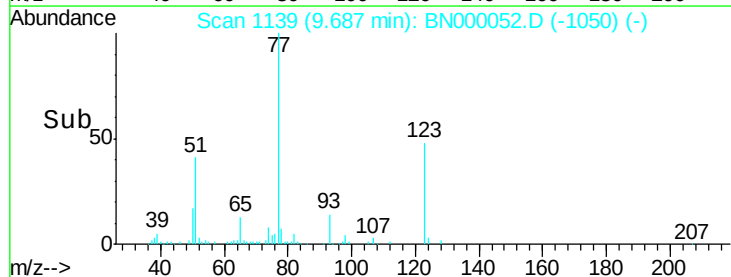
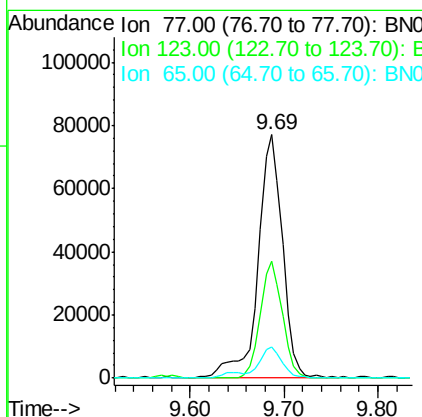
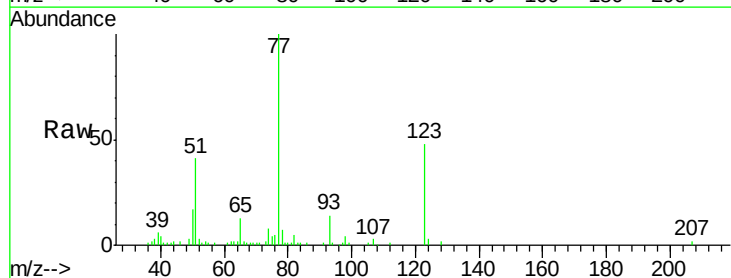
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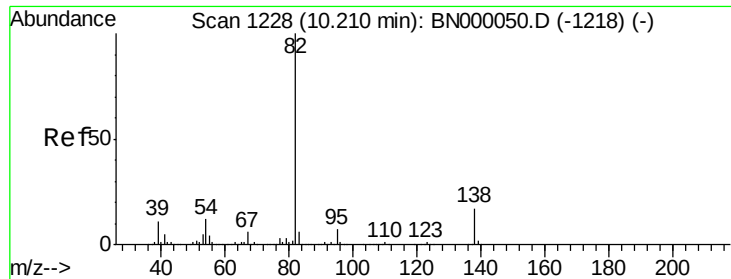
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#24
 Nitrobenzene
 Concen: 3.763 ng
 RT: 9.69 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	33.0	49.6
65	12.8	13.0	19.6#





#25

Isophorone

Concen: 2.911 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

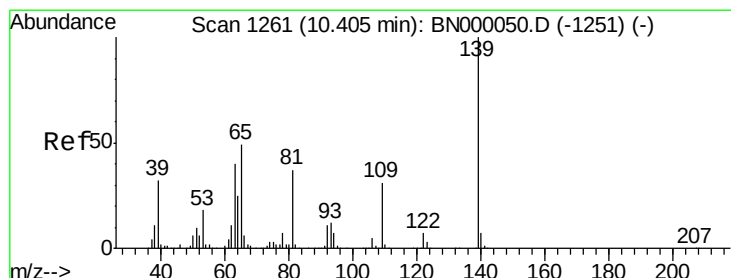
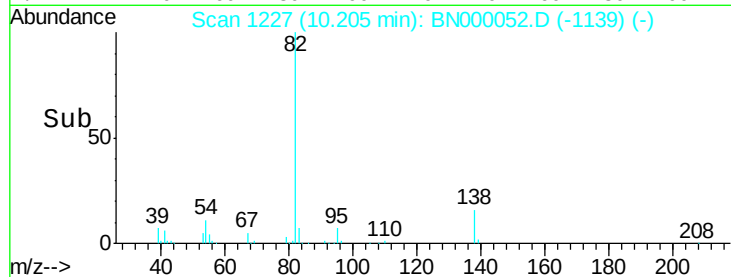
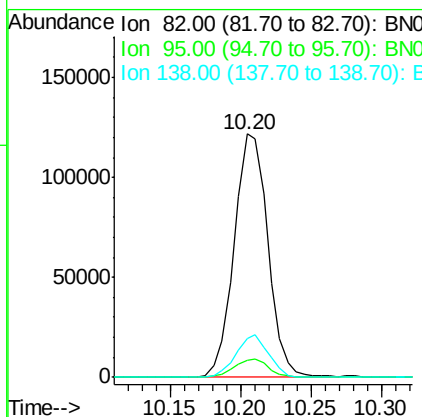
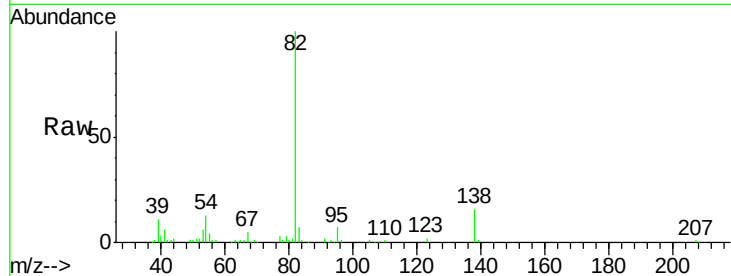
ClientSampleId :

MDL-S-02

Tgt Ion:	82	Resp:	204057
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.2	9.2
138	15.7	12.1	18.1

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#26

2-Nitrophenol

Concen: 8.872 ng

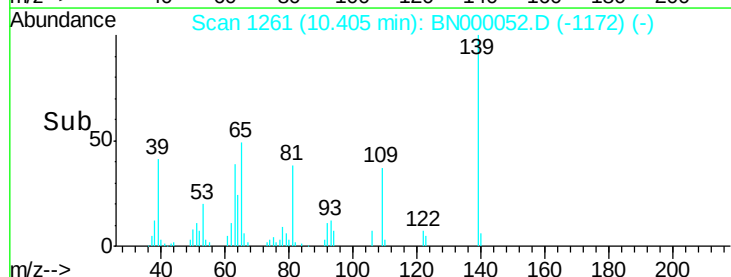
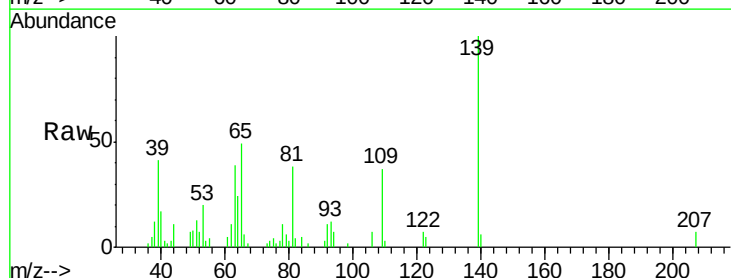
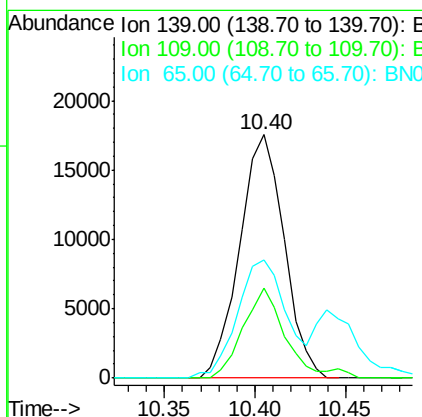
RT: 10.40 min Scan# 1261

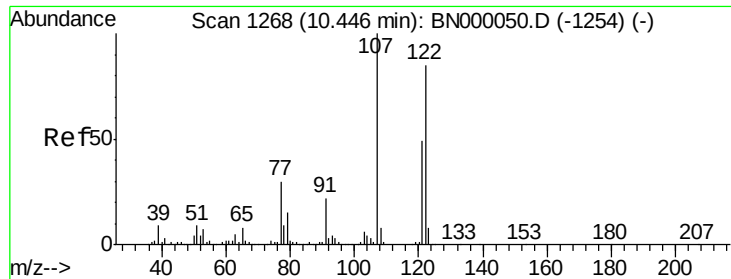
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	139	Resp:	30009
Ion Ratio	Lower	Upper	
139	100		
109	37.1	24.2	36.2#
65	48.6	47.4	71.0





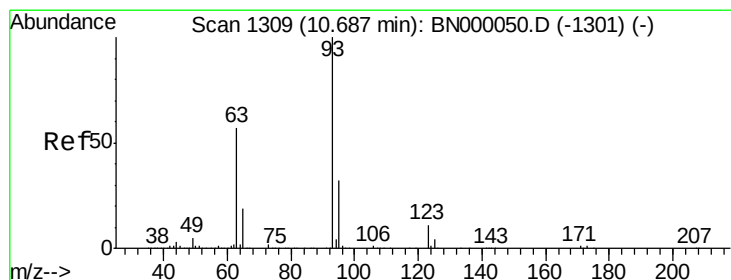
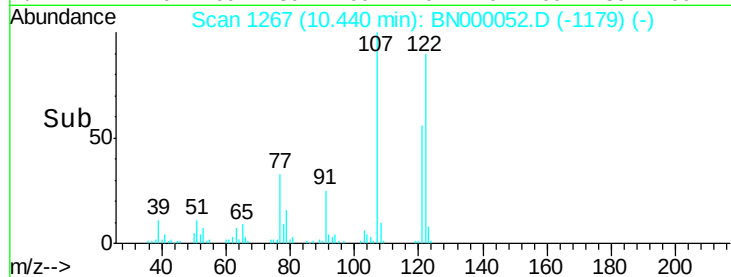
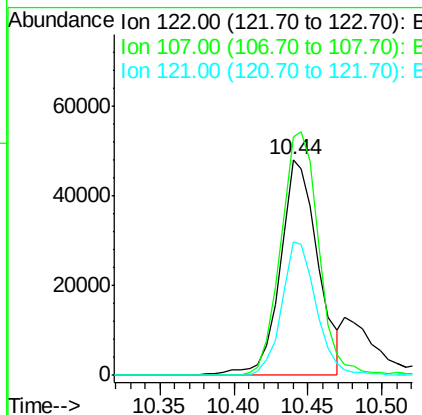
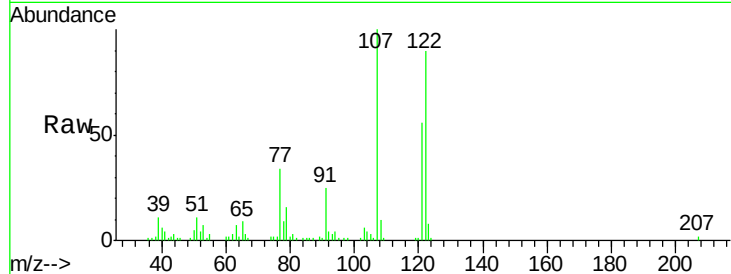
#27
2,4-Dimethylphenol
Concen: 2.796 ng m
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	100.2	150.2
121	61.8	44.4	66.6

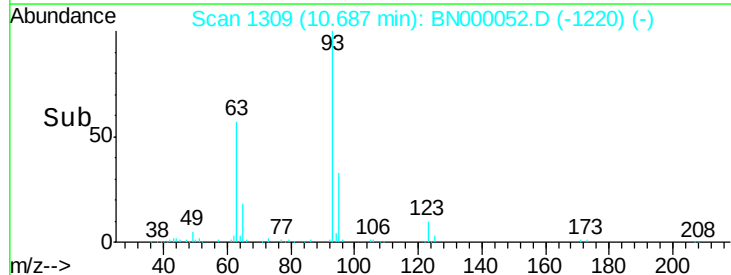
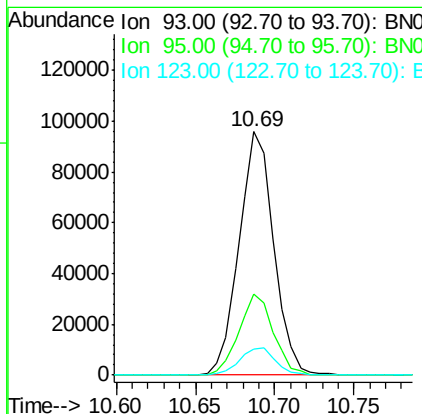
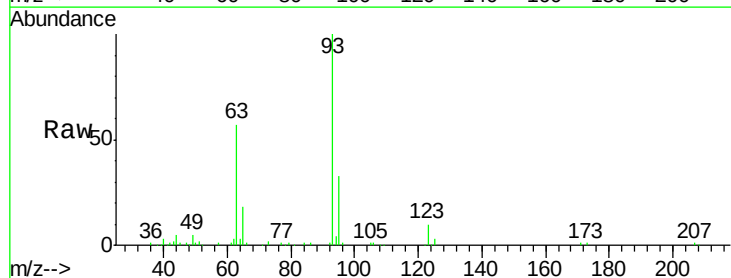
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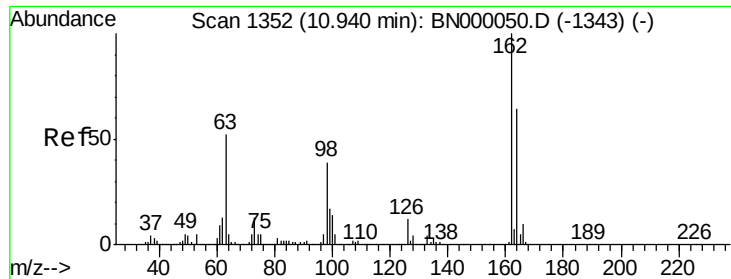
Sohil
2/13/2018 11:33:30 AM



#28
bis(2-Chloroethoxy)methane
Concen: 3.235 ng
RT: 10.69 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	10.4	8.4	12.6





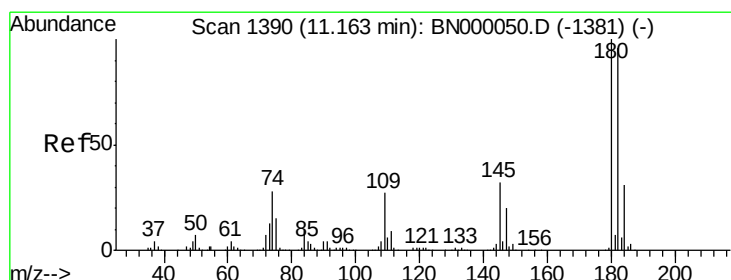
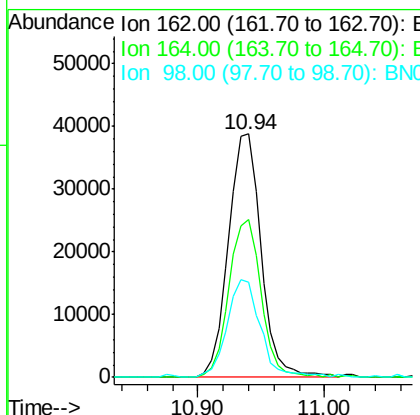
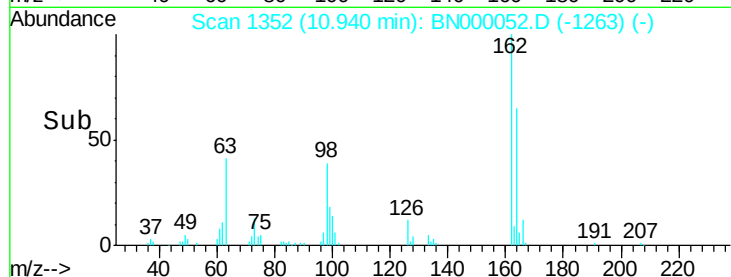
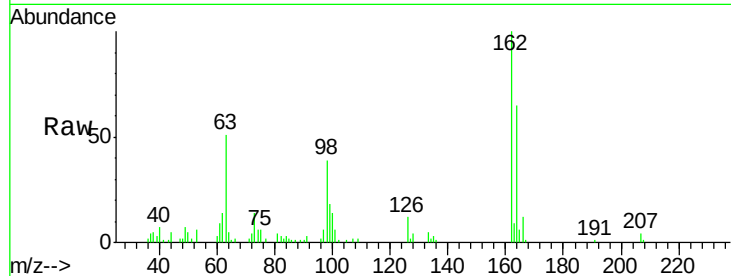
#29
 2,4-Dichlorophenol
 Concen: 2.464 ng
 RT: 10.94 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	69300		
164	65.0	48.0	88.0	
98	39.0	21.1	61.1	

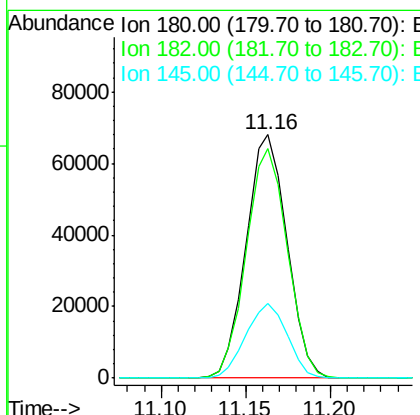
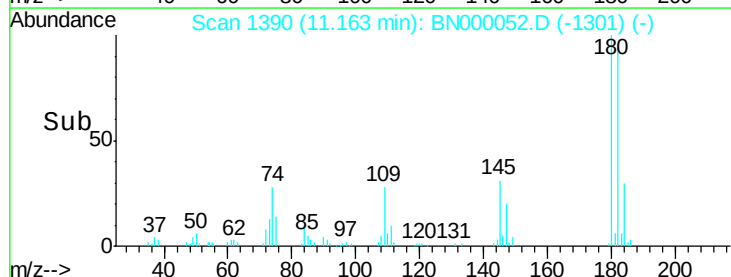
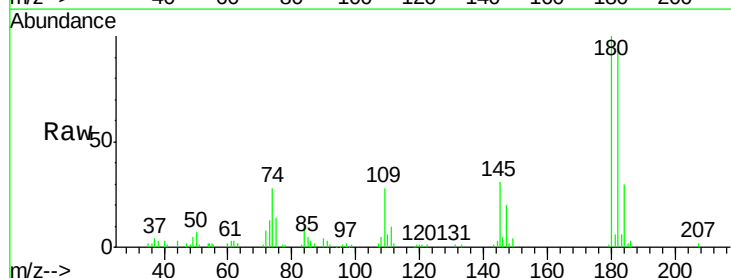
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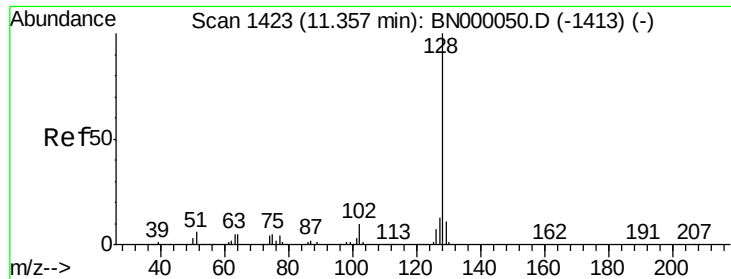
Sohil
 2/13/2018 11:33:30 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.537 ng
 RT: 11.16 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114549		
182	94.1	77.5	116.3	
145	30.8	23.4	35.2	





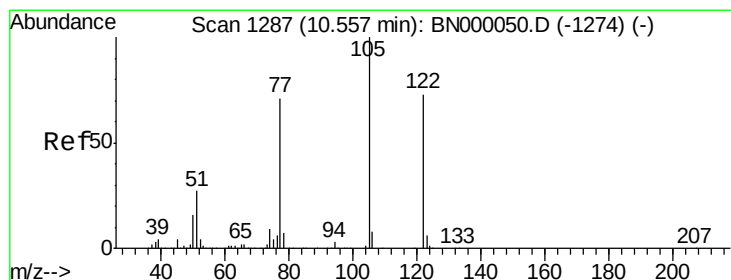
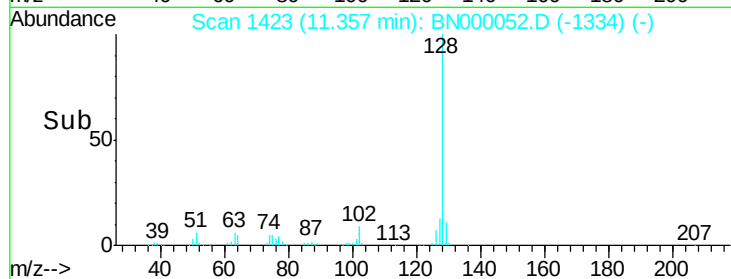
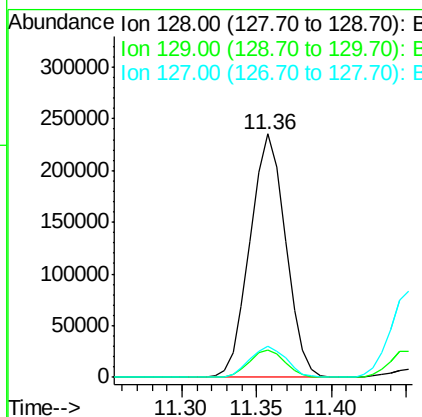
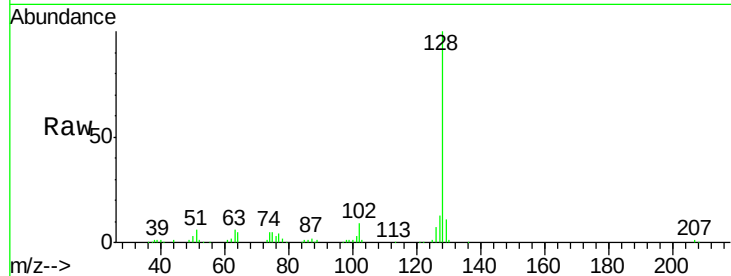
#31
Naphthalene
Concen: 3.523 ng
RT: 11.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	389314		
129	11.3	8.6	12.8	
127	12.9	11.6	17.4	

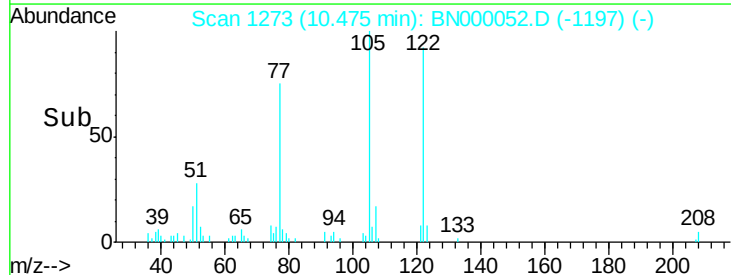
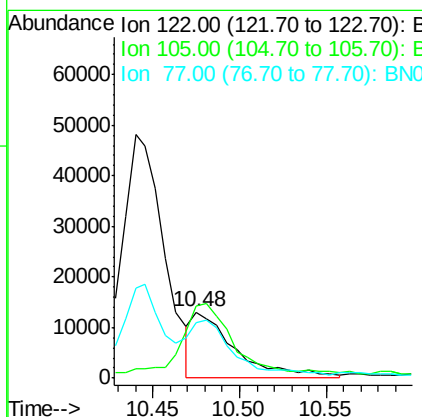
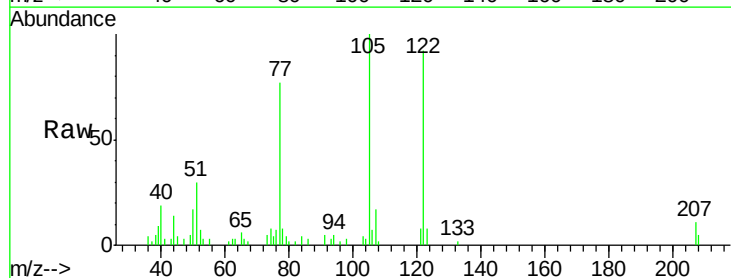
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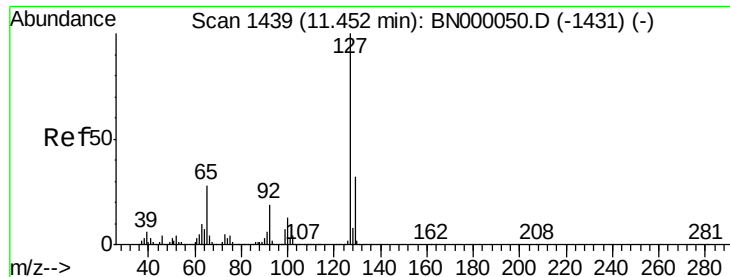
Sohil
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#32
Benzoic acid
Concen: 11.332 ng m
RT: 10.48 min Scan# 1273
Delta R.T. -0.08 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22812		
105	108.8	123.5	163.5#	
77	84.1	85.7	125.7#	





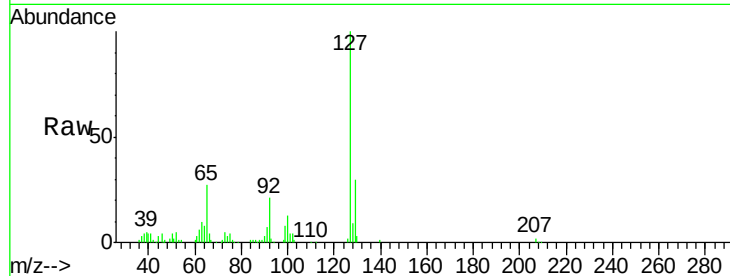
#33
4-Chloroaniline
Concen: 2.913 ng
RT: 11.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

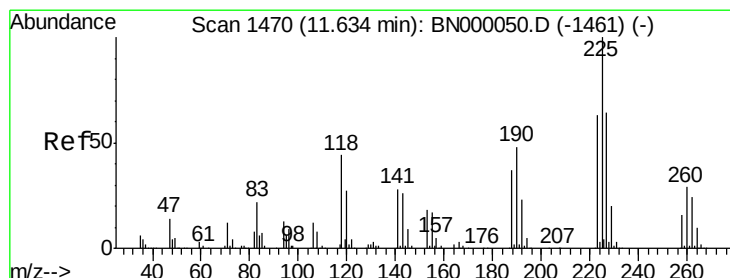
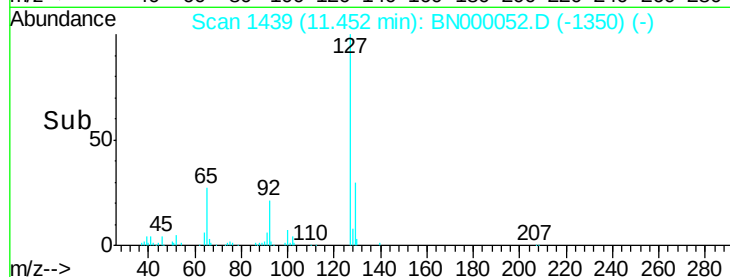
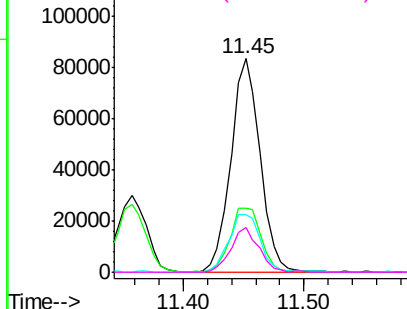
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	141445		
129	30.1	24.0	36.0	
65	27.1	27.0	40.4	
92	20.9	16.6	25.0	

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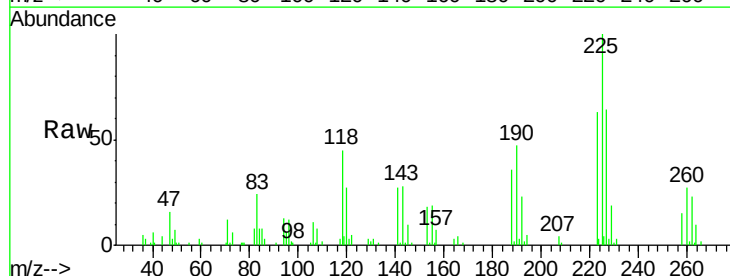


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

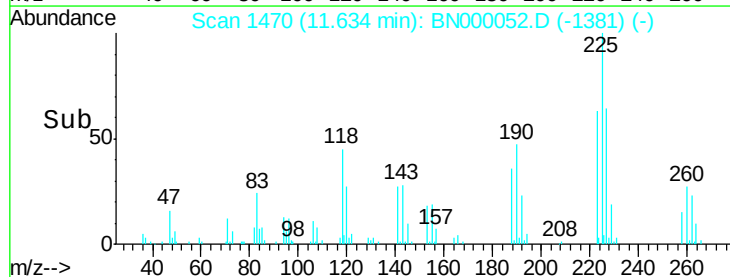
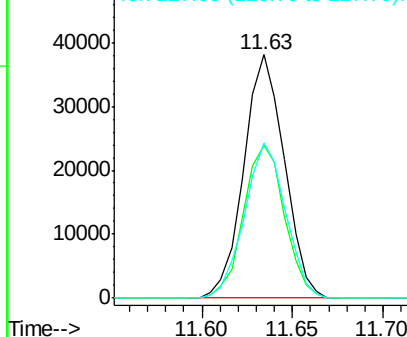


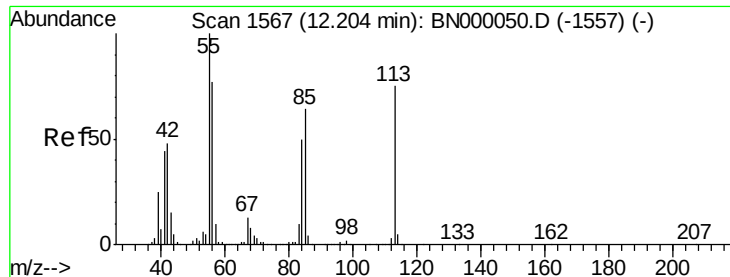
#34
Hexachlorobutadiene
Concen: 3.528 ng
RT: 11.63 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59246		
223	63.0	49.7	74.5	
227	63.9	48.1	72.1	



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





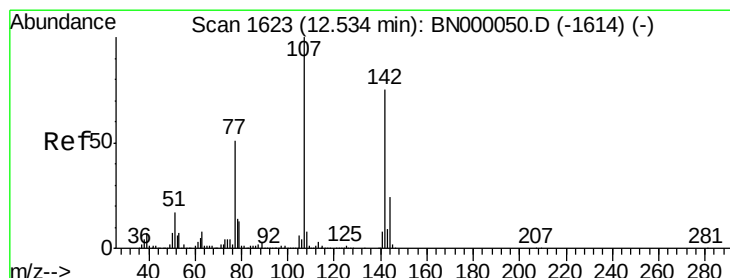
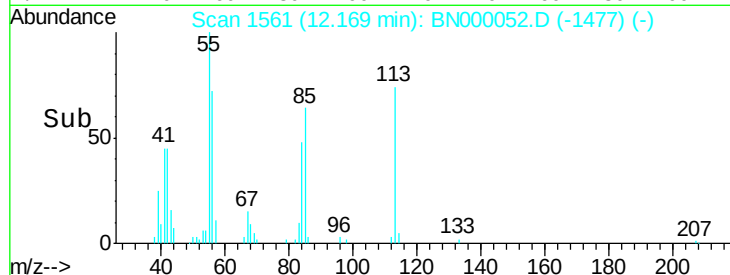
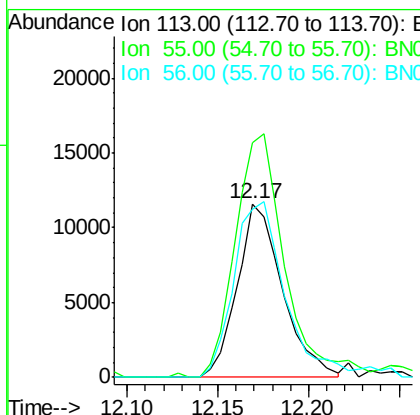
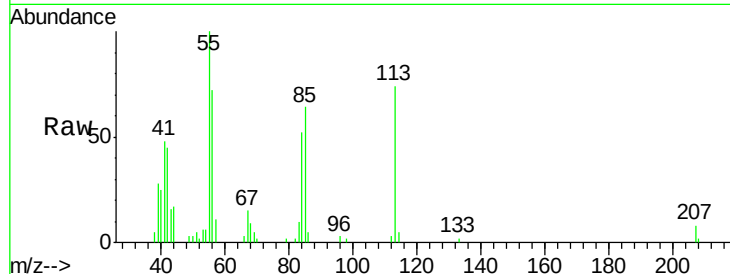
#35
 Caprolactam
 Concen: 5.524 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
113	100		
55	135.3	120.0	160.0
56	96.9	90.0	130.0

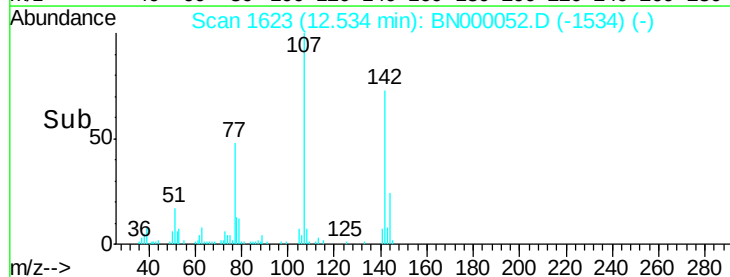
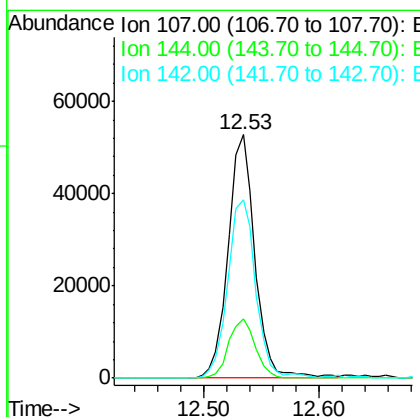
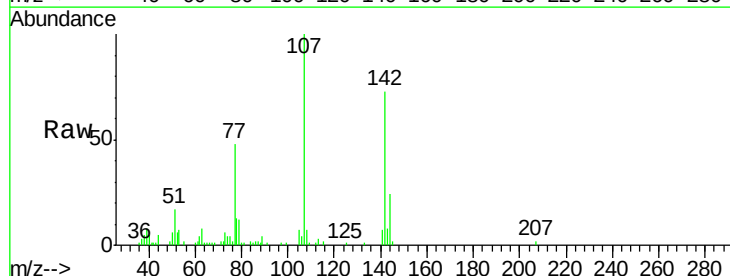
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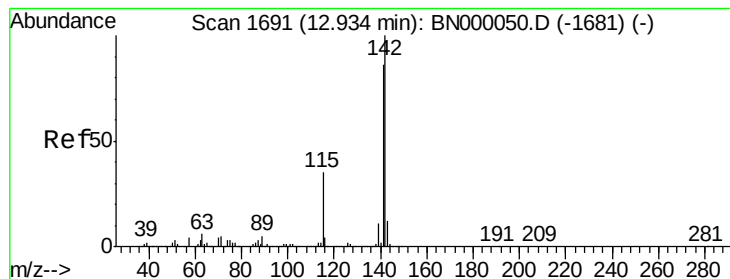
Sohil
 2/13/2018 11:33:30 AM



#36
 4-Chloro-3-methylphenol
 Concen: 2.382 ng
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	18.2	27.4
142	73.4	59.0	88.4





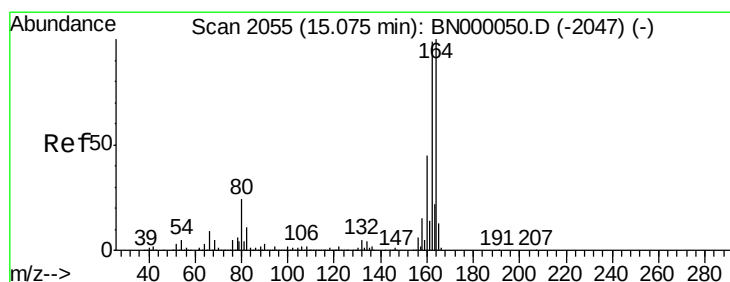
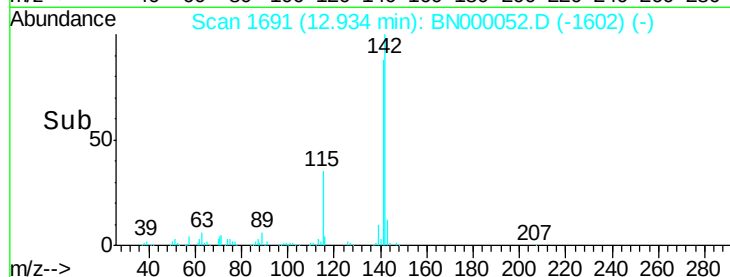
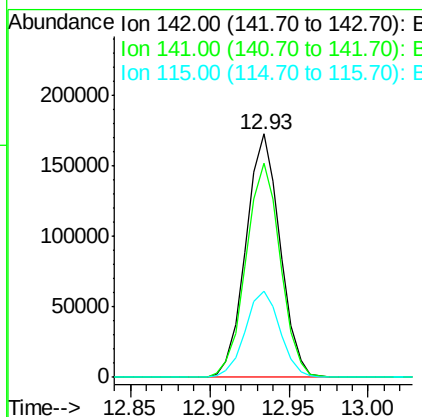
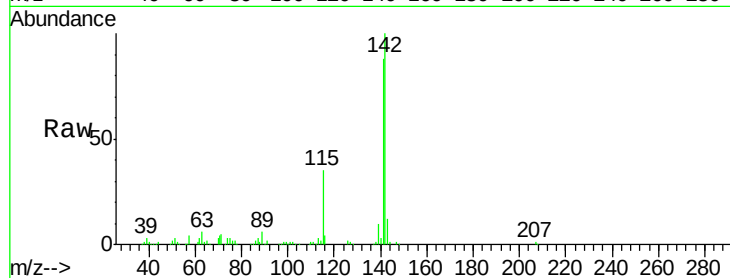
#37
 2-Methylnaphthalene
 Concen: 3.368 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	258998		
141	87.7	67.1	100.7	
115	35.2	30.7	46.1	

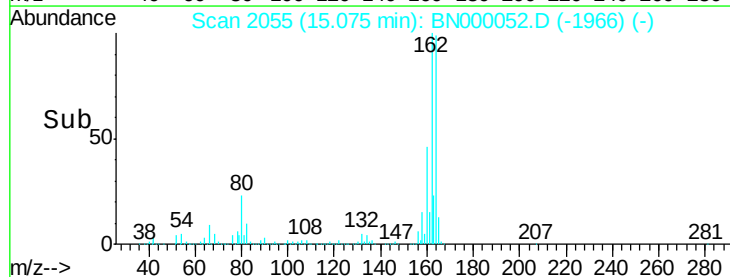
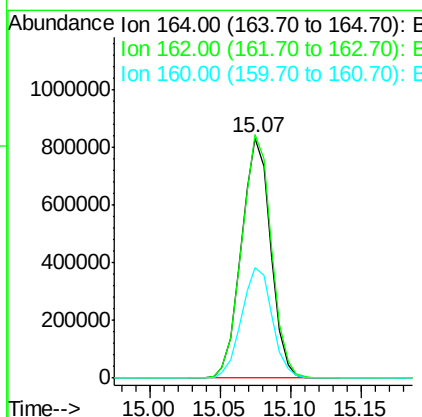
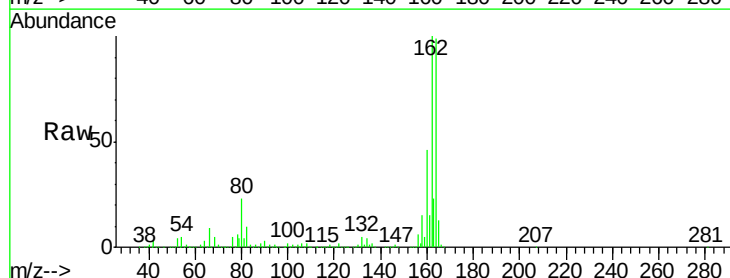
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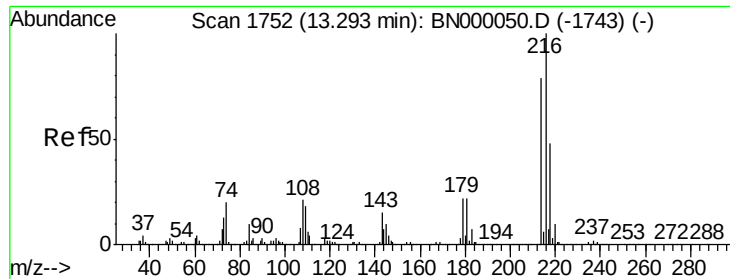
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1211148		
162	101.3	78.8	118.2	
160	46.2	35.4	53.0	





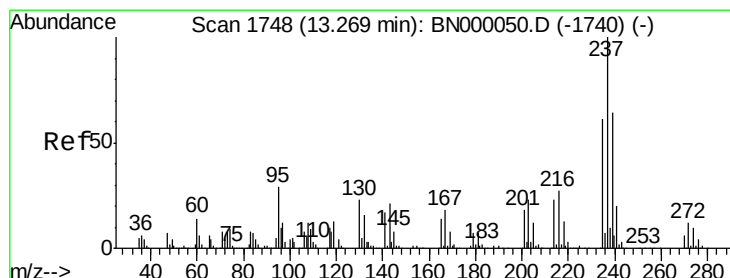
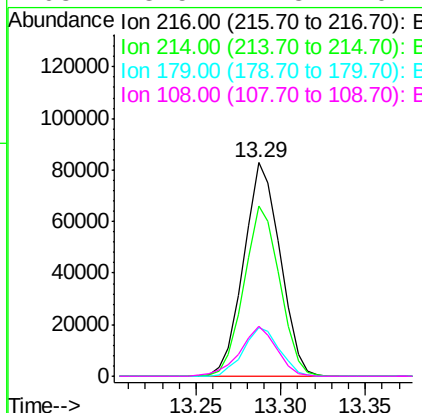
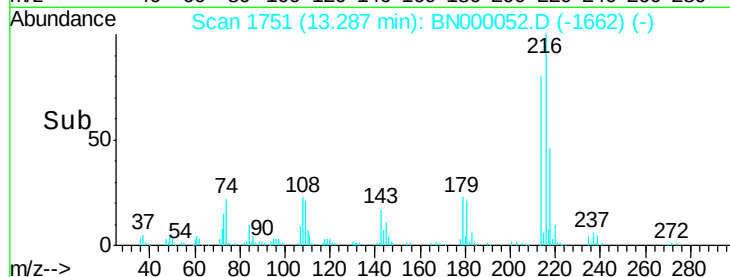
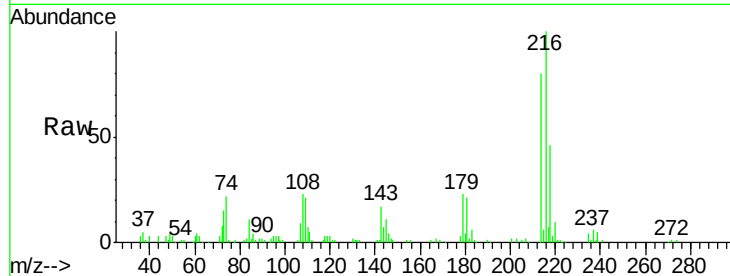
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.489 ng
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	124719		
214	78.1	63.0	94.4	
179	22.6	17.0	25.6	
108	23.5	12.8	19.2	

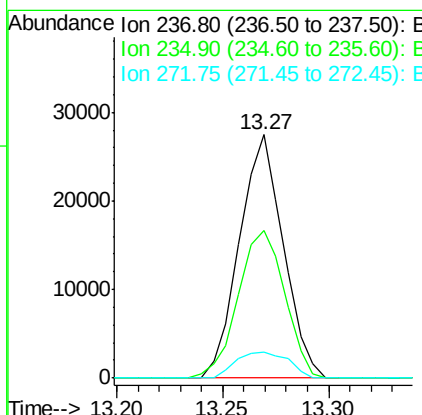
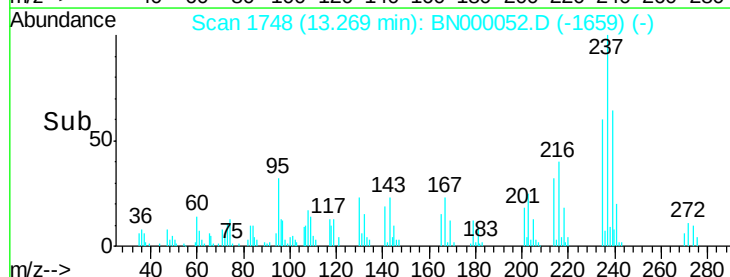
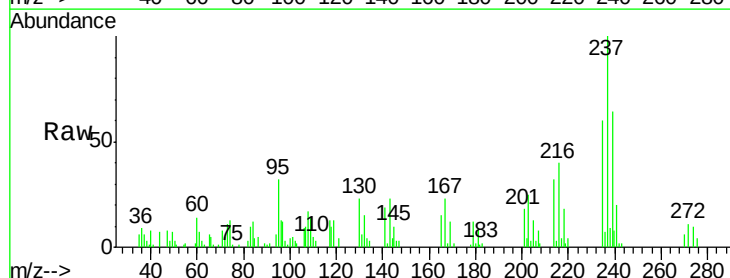
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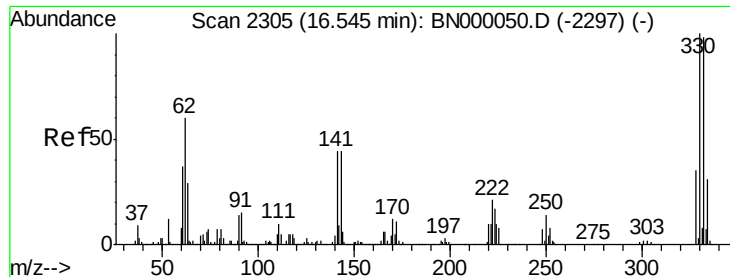
Sohil
 2/13/2018 11:33:30 AM



#40
 Hexachlorocyclopentadiene
 Concen: 2.648 ng
 RT: 13.27 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	39454		
235	60.4	50.4	90.4	
272	10.8	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 141.069 ng

RT: 16.55 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

ClientSampled :

MDL-S-02

Tgt Ion:330 Resp: 1691213

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

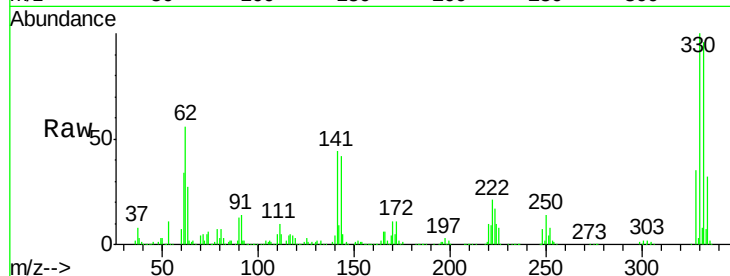
141 46.2 25.2 37.8#

Manual Integrations

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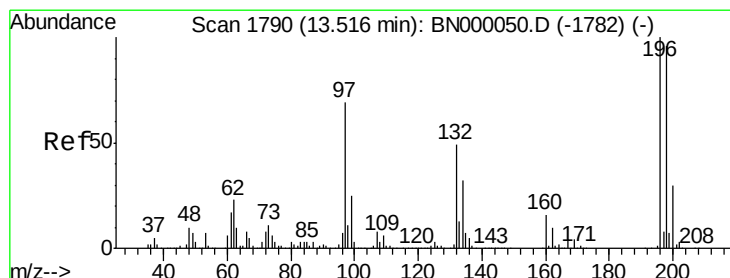
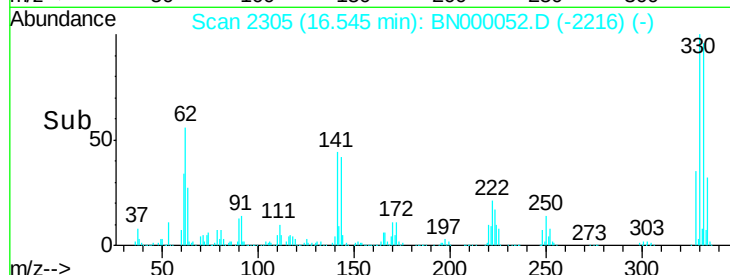
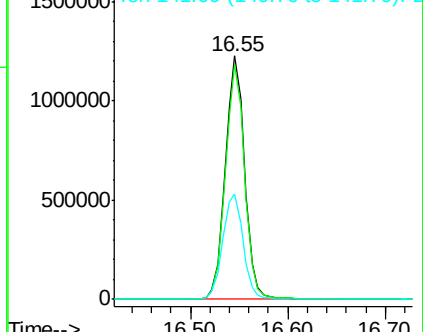
2/13/2018 11:33:30 AM



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: 2.295 ng

RT: 13.52 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

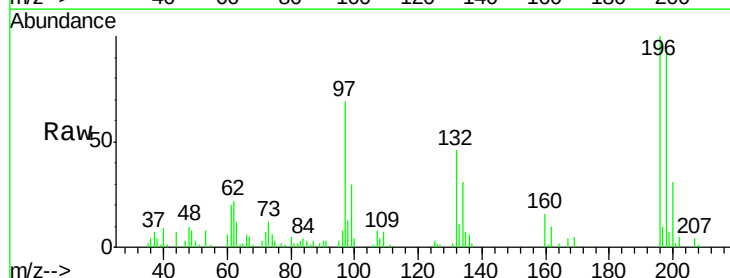
Tgt Ion:196 Resp: 49177

Ion Ratio Lower Upper

196 100

198 93.2 78.2 117.2

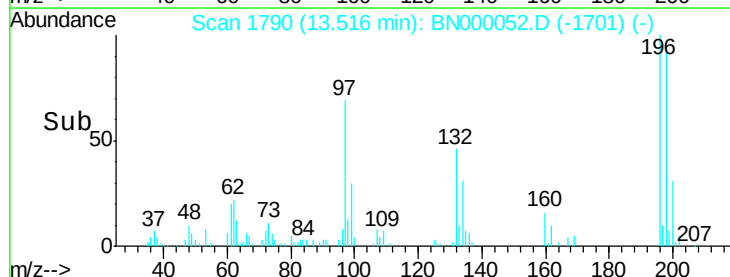
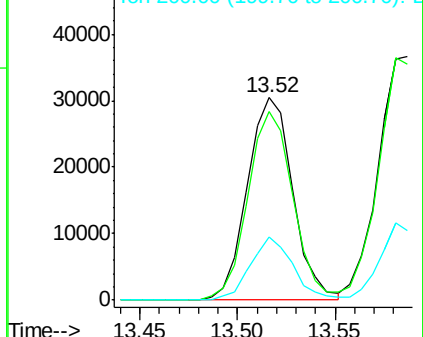
200 31.1 24.6 36.8

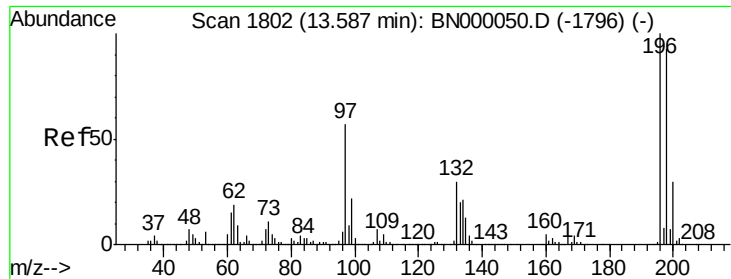


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





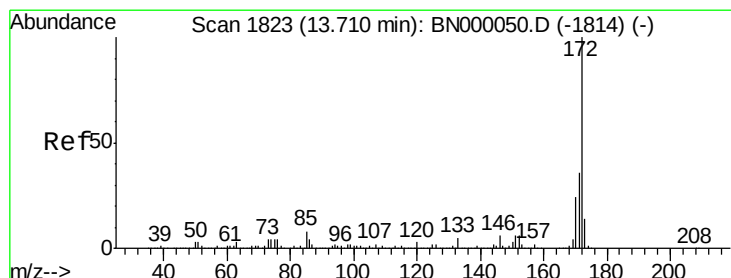
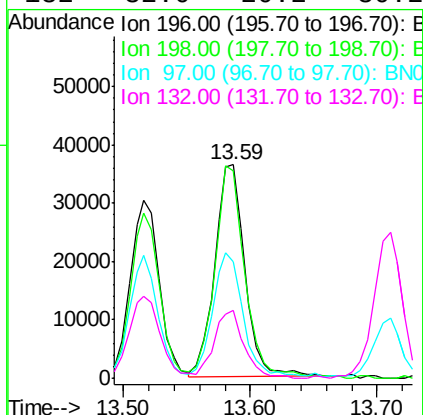
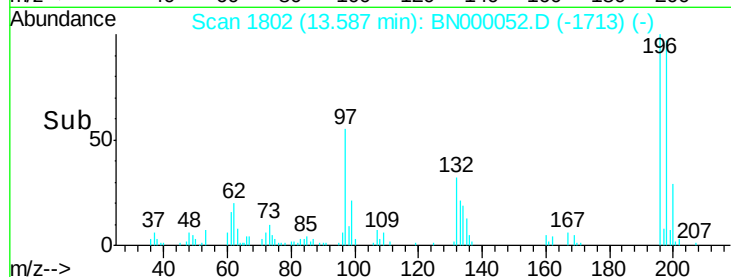
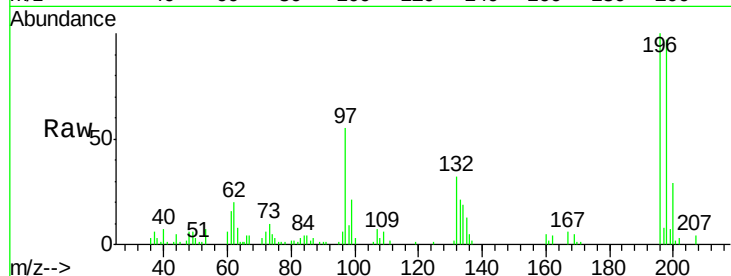
#43
2,4,5-Trichlorophenol
Concen: 2.351 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
97	54.6	38.7	58.1
132	32.0	20.2	30.2

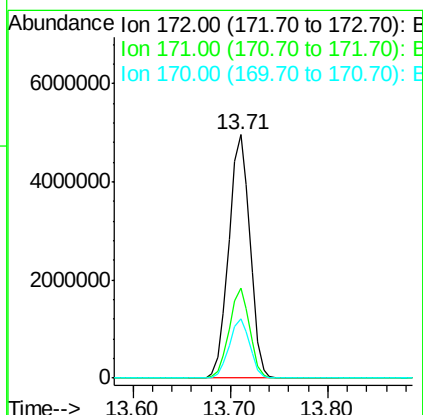
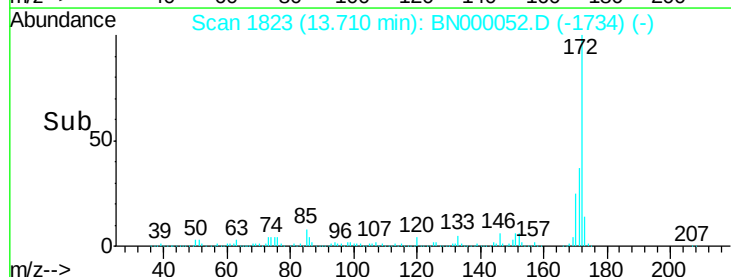
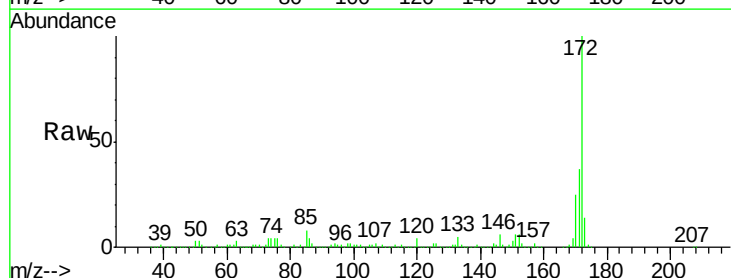
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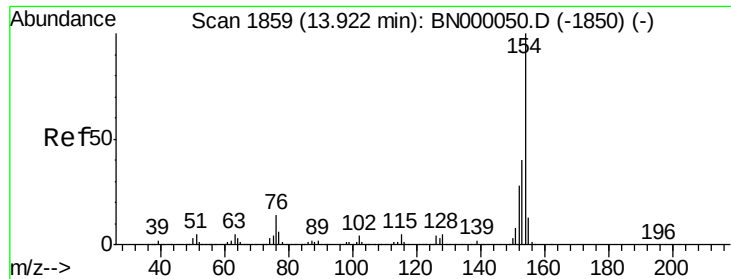
Sohil
2/13/2018 11:33:30 AM



#44
2-Fluorobiphenyl
Concen: 86.621 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.6	19.5	29.3





#45

1,1'-Biphenyl

Concen: 3.728 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

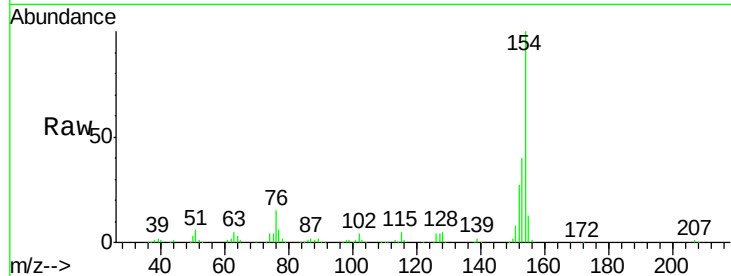
ClientSampled :

MDL-S-02

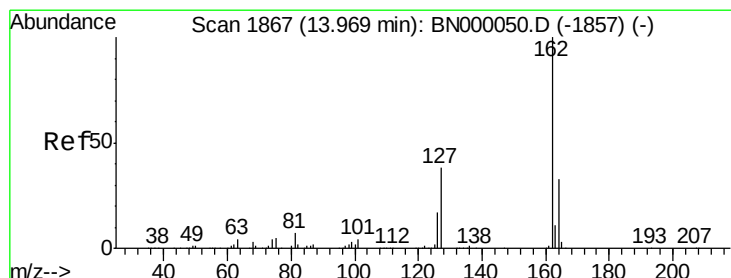
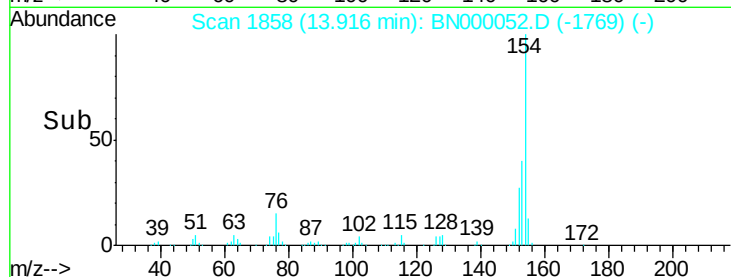
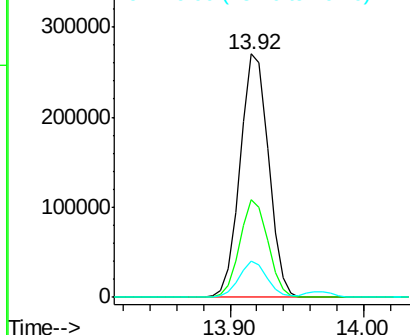
Tgt Ion:	154	Resp:	397664
Ion Ratio	Lower	Upper	
154	100		
153	40.1	19.8	59.8
76	14.9	0.0	31.9

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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: 3.503 ng

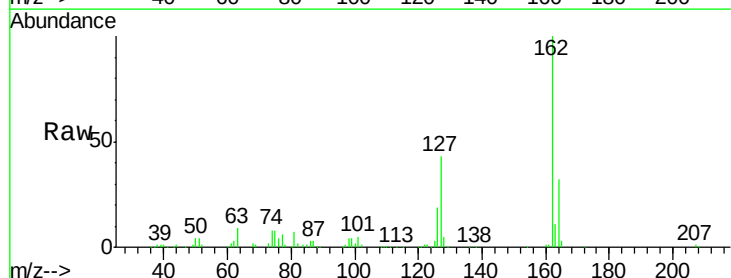
RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

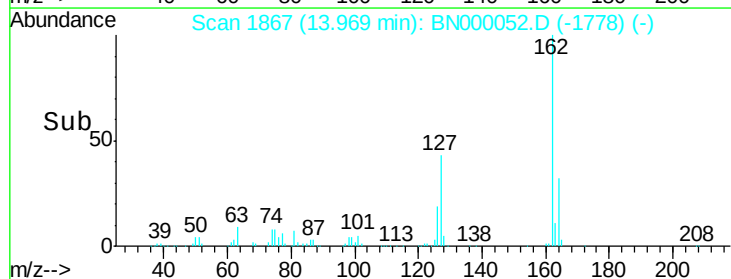
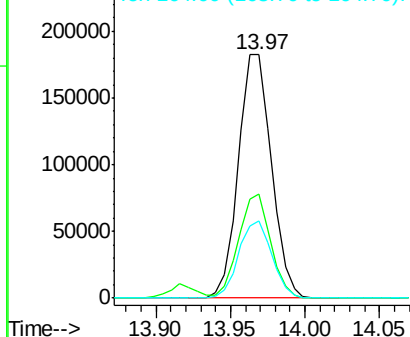
Lab File: BN000052.D

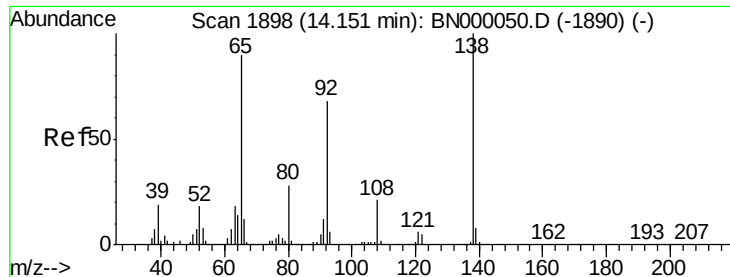
Acq: 09 Feb 2018 11:06

Tgt Ion:	162	Resp:	280334
Ion Ratio	Lower	Upper	
162	100		
127	42.9	30.7	46.1
164	31.6	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





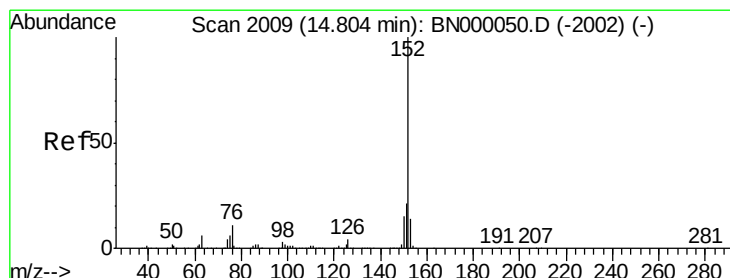
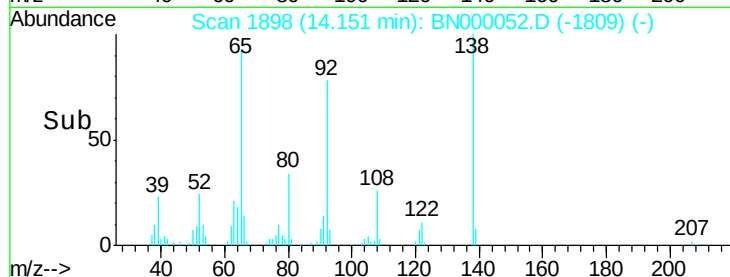
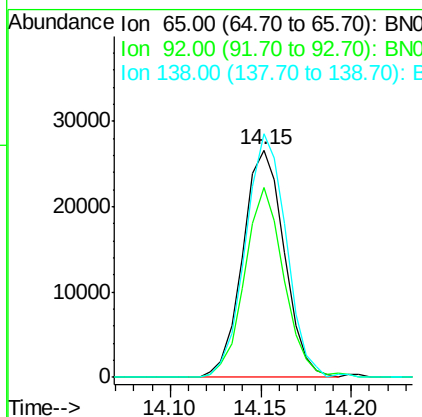
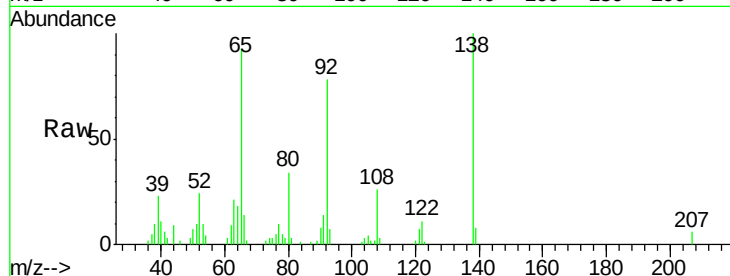
#47
 2-Nitroaniline
 Concen: 6.504 ng
 RT: 14.15 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	83.4	54.6	82.0#
138	107.0	72.9	109.3

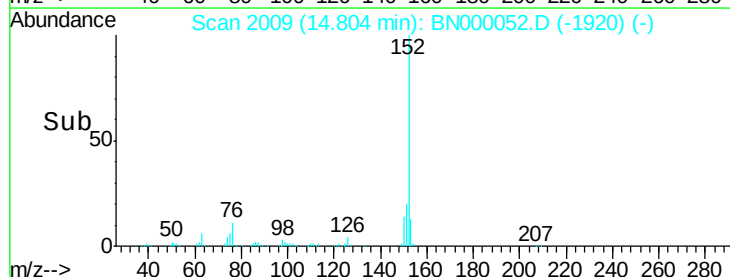
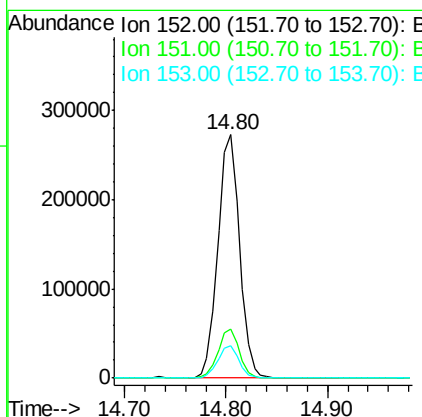
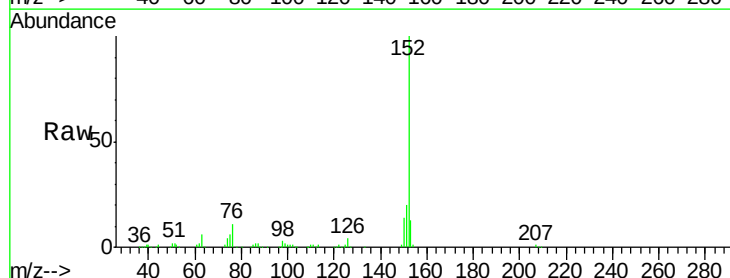
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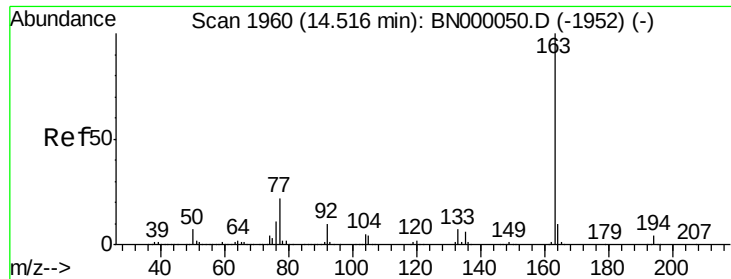
Sohil
 2/13/2018 11:33:30 AM



#48
 Acenaphthylene
 Concen: 3.155 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.1	10.2	15.4





#49

Dimethylphthalate

Concen: 3.244 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

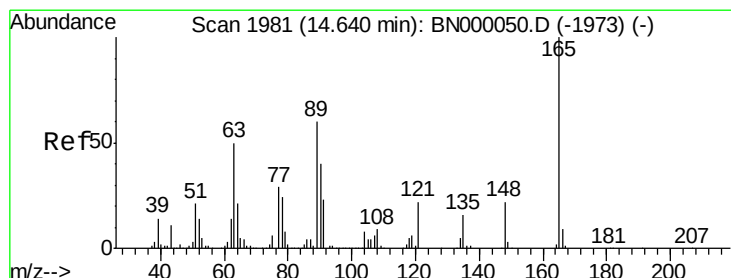
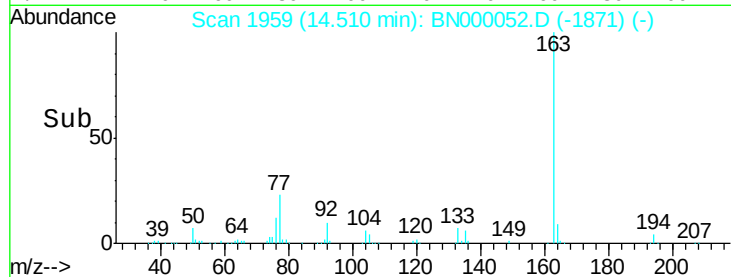
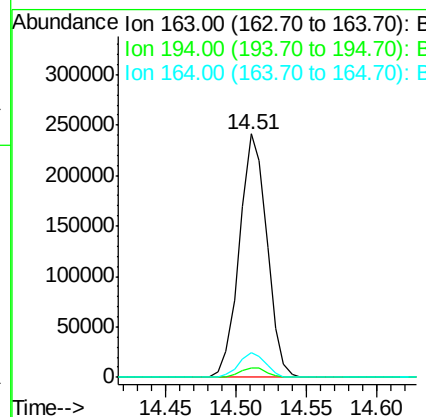
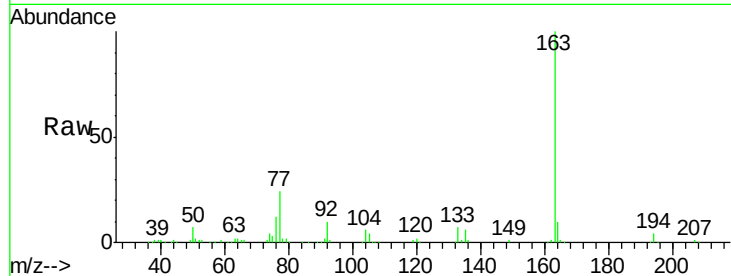
ClientSampleId :

MDL-S-02

Tgt Ion:	163	Resp:	328422
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.1	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 2.209 ng

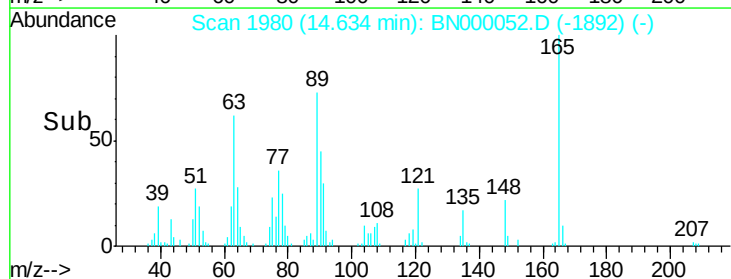
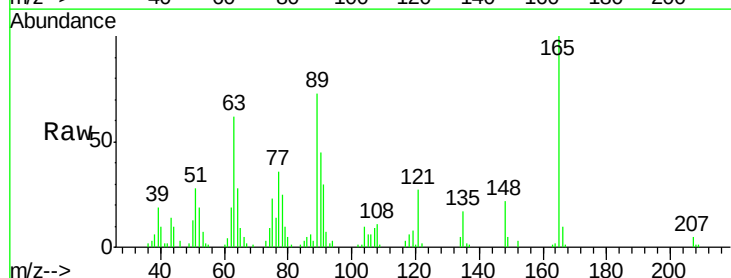
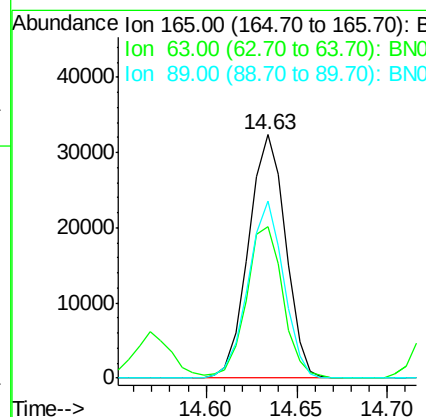
RT: 14.63 min Scan# 1980

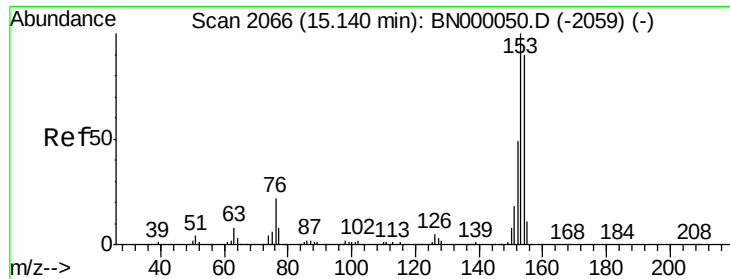
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	165	Resp:	46179
Ion Ratio	Lower	Upper	
165	100		
63	62.0	52.7	79.1
89	72.8	49.2	73.8





#51

Acenaphthene

Concen: 3.454 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

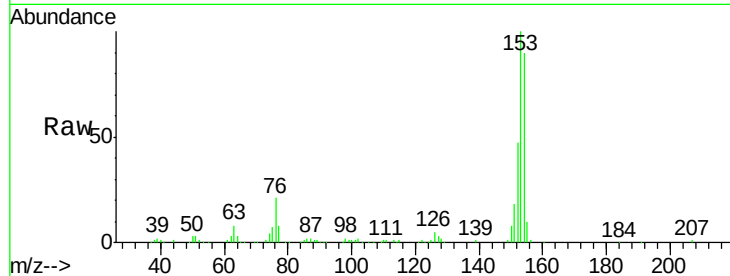
ClientSampleId :

MDL-S-02

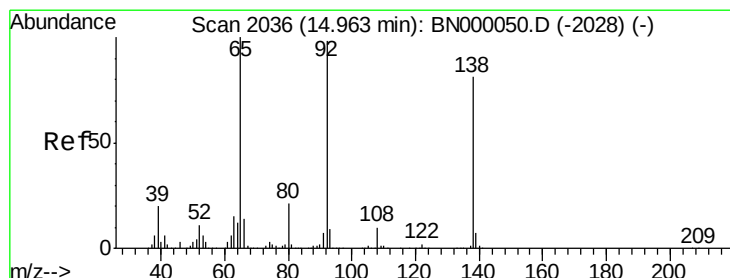
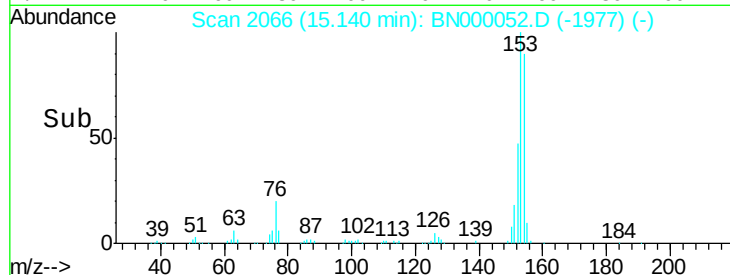
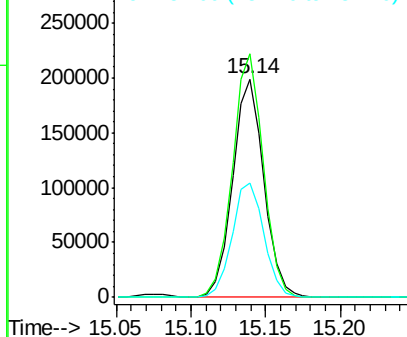
Tgt Ion:	154	Resp:	289920
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.4	135.6
152	52.6	41.6	62.4

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



#52

3-Nitroaniline

Concen: 2.222 ng

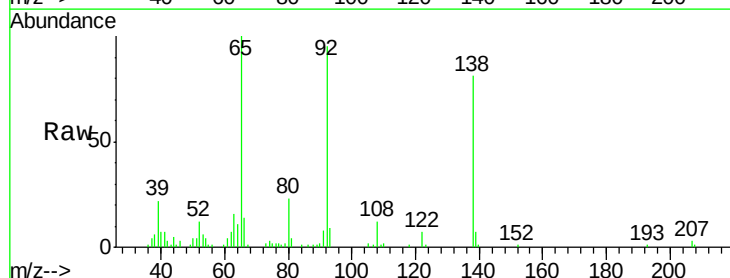
RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

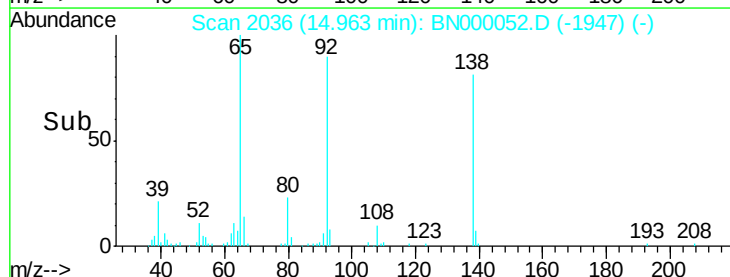
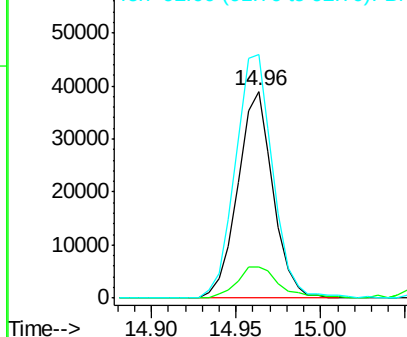
Lab File: BN000052.D

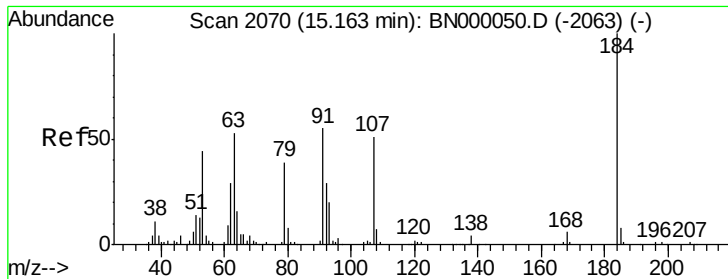
Acq: 09 Feb 2018 11:06

Tgt Ion:	138	Resp:	56441
Ion Ratio	Lower	Upper	
138	100		
108	14.8	17.5	26.3#
92	117.6	105.8	158.8



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





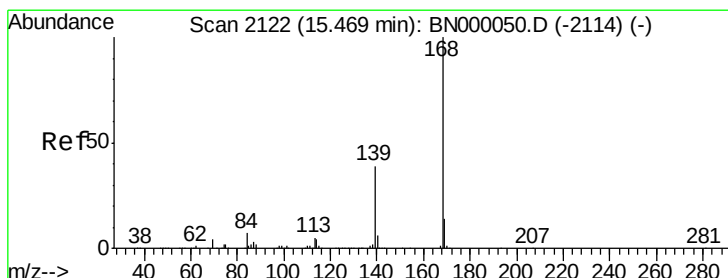
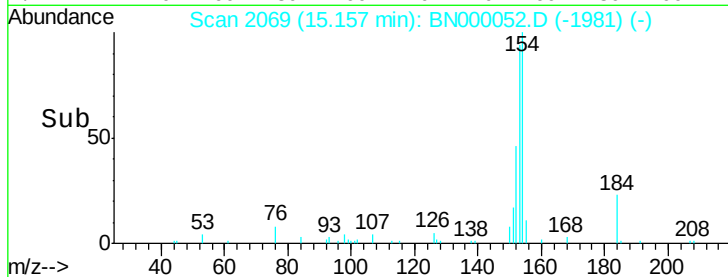
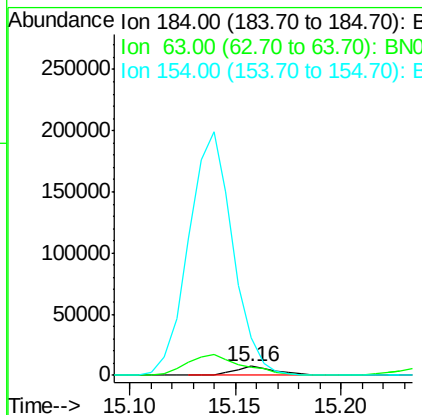
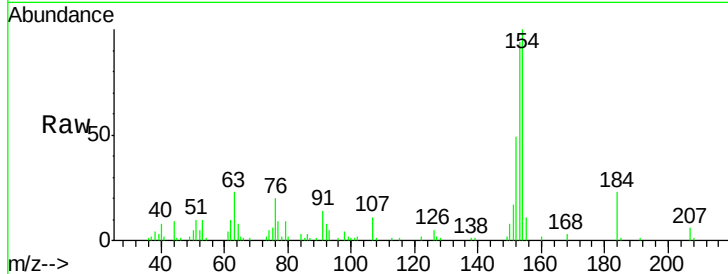
#53
 2,4-Dinitrophenol
 Concen: 10.405 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	97.1	80.0	120.0
154	426.9	308.0	462.0

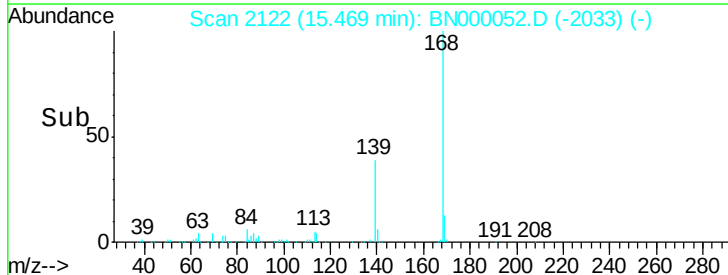
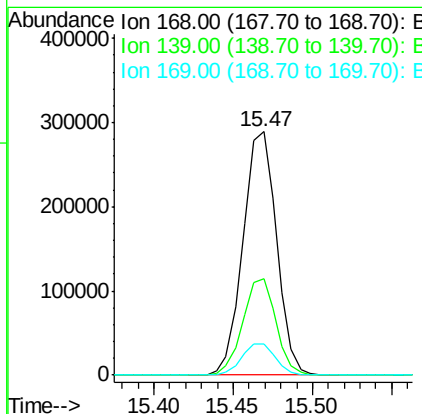
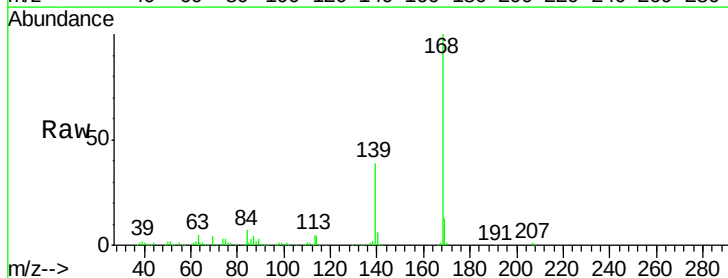
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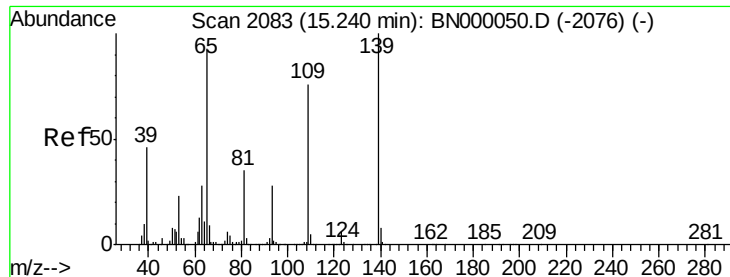
Sohil
 2/13/2018 11:33:30 AM



#54
 Dibenzofuran
 Concen: 3.577 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	28.6	43.0
169	12.7	11.2	16.8





#55

4-Nitrophenol

Concen: 6.378 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

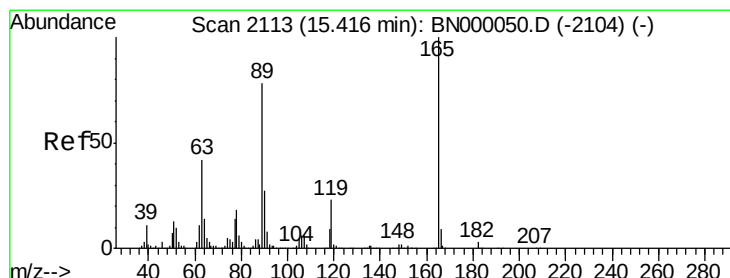
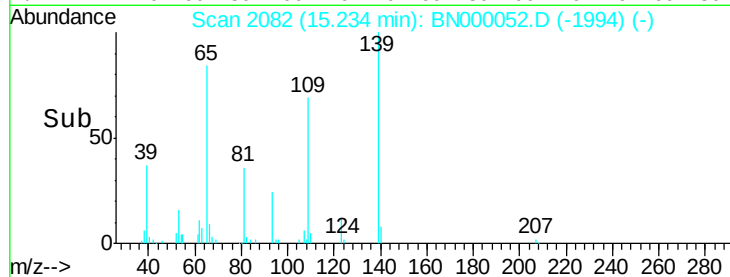
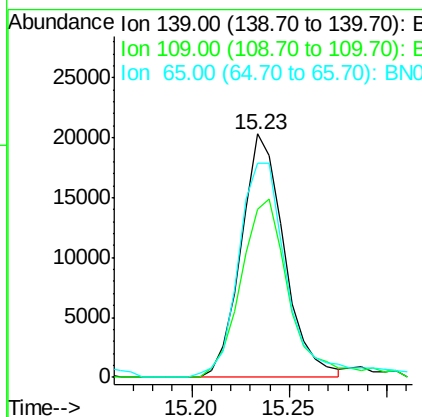
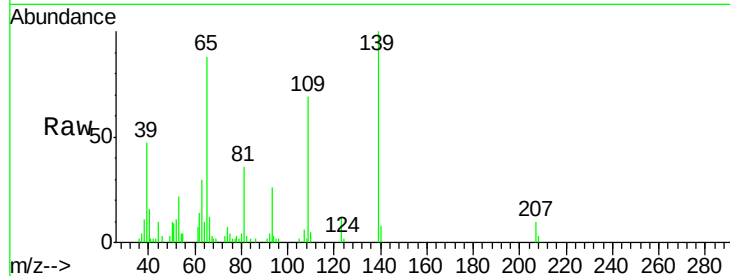
ClientSampled :

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Tgt Ion:	139	Resp:	31117
Ion Ratio	Lower	Upper	
139	100		
109	69.2	62.2	102.2
65	88.0	97.2	137.2#

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#56

2,4-Dinitrotoluene

Concen: 5.779 ng

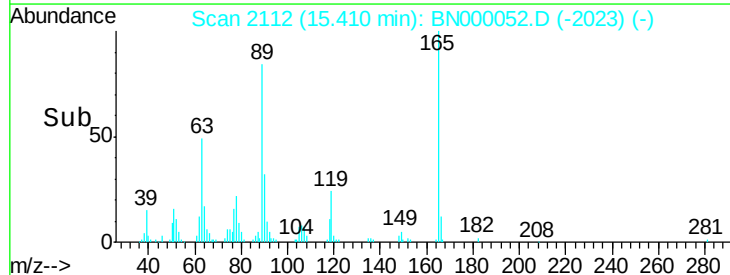
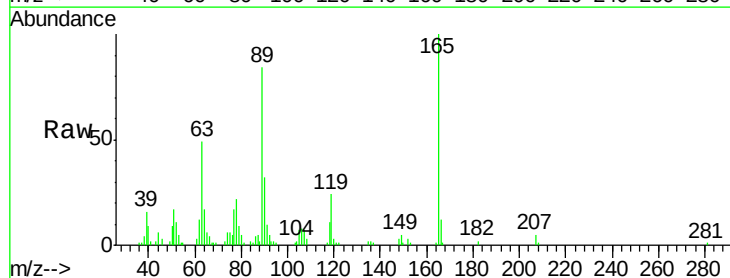
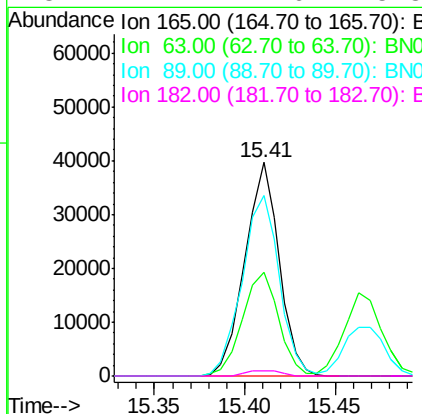
RT: 15.41 min Scan# 2112

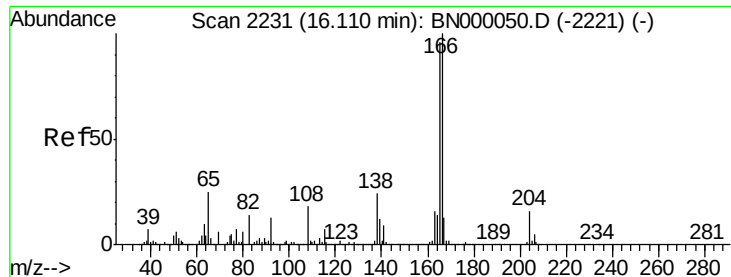
Delta R.T. -0.00 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	165	Resp:	52304
Ion Ratio	Lower	Upper	
165	100		
63	48.5	42.0	63.0
89	84.4	66.9	100.3
182	2.2	2.6	3.8#





#57

Fluorene

Concen: 3.548 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

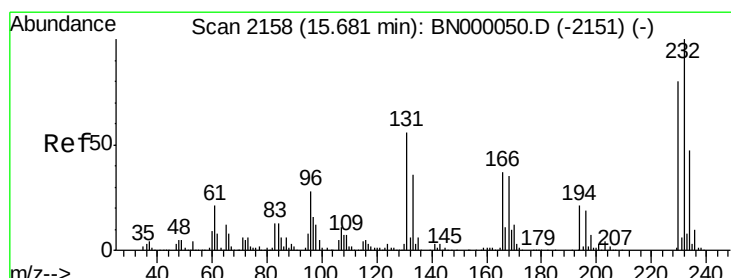
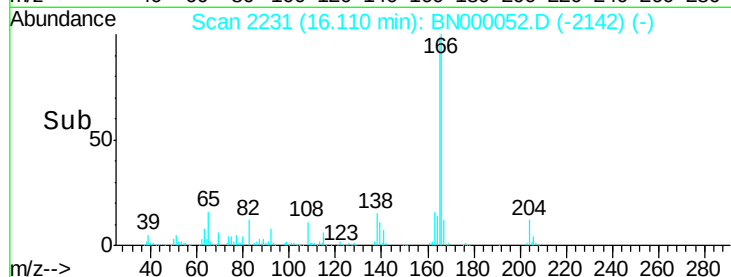
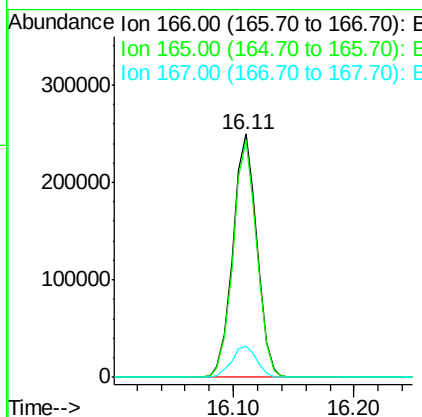
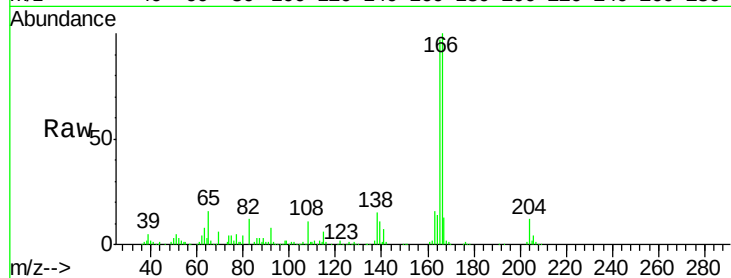
ClientSampleId :

MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	344370		
165	97.3	80.6	121.0	
167	12.9	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.319 ng

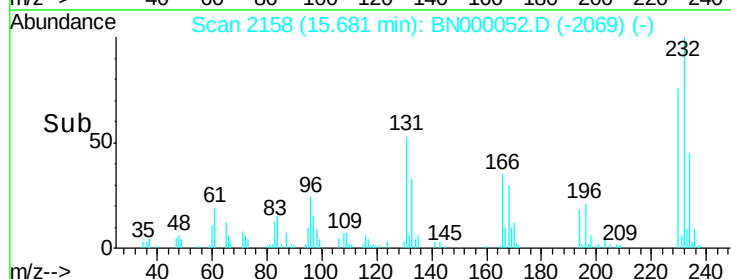
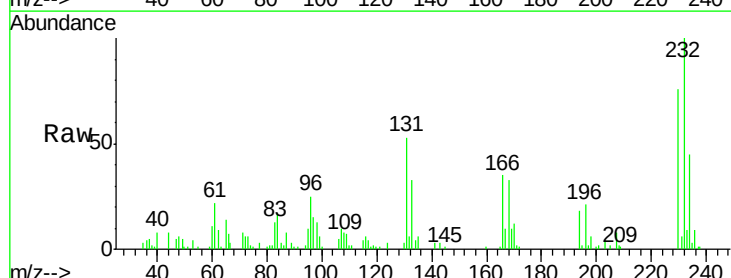
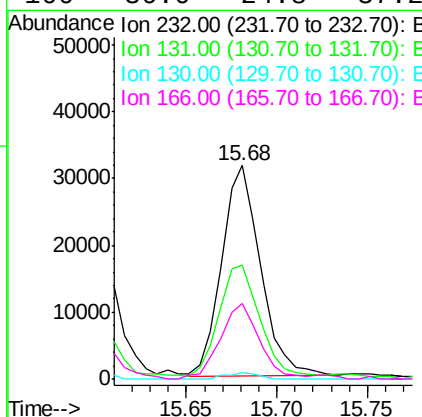
RT: 15.68 min Scan# 2158

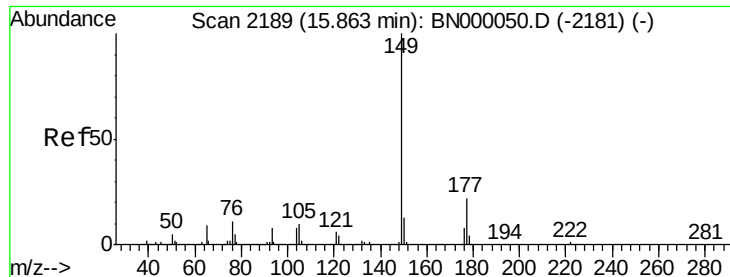
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	47135		
231	55.1	33.5	50.3#	
130	2.4	2.2	3.2	
166	36.0	24.8	37.2	





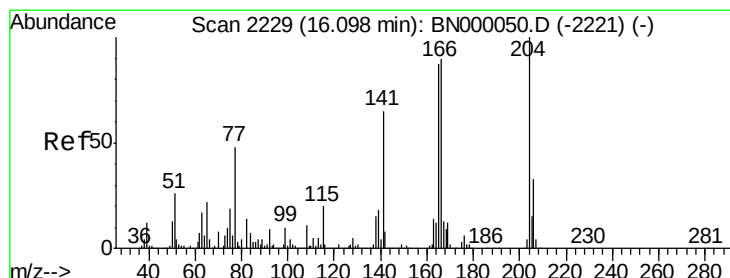
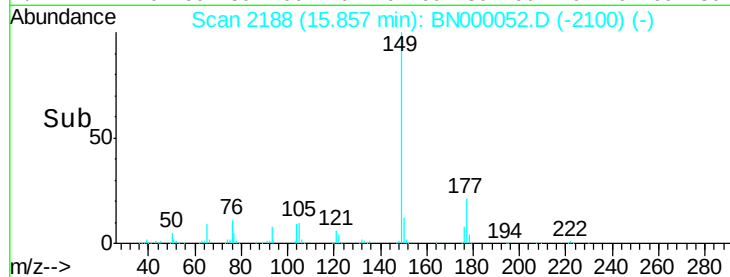
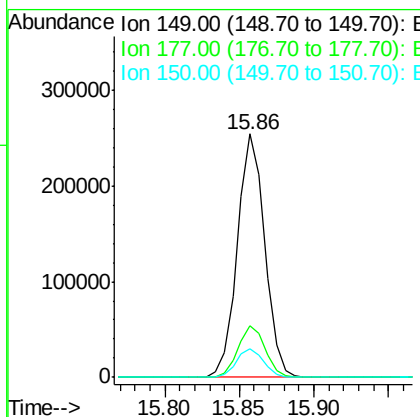
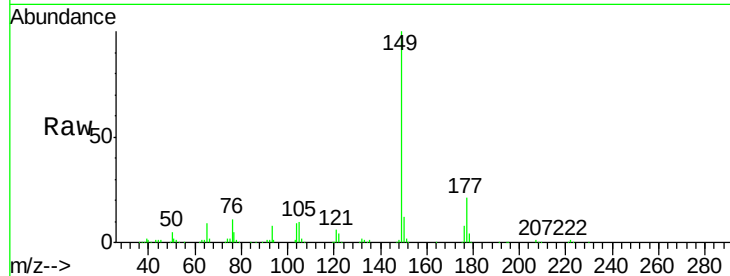
#59
Diethylphthalate
Concen: 3.154 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	324539		
177	21.3	18.5	27.7	
150	11.7	10.2	15.2	

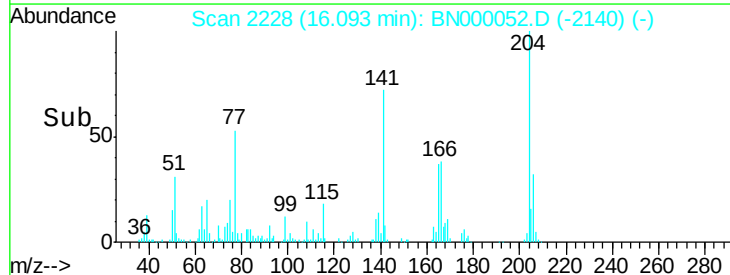
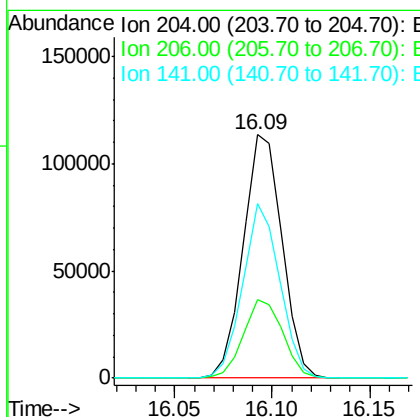
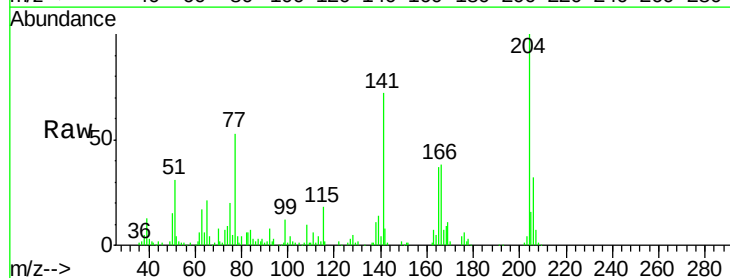
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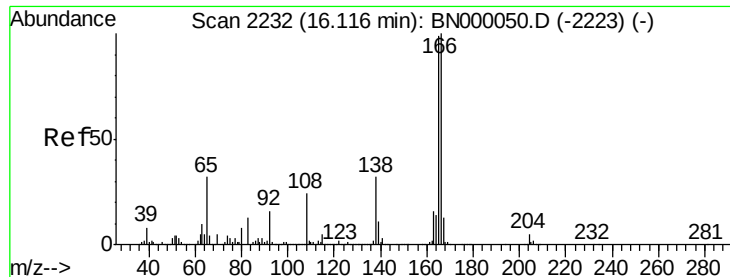
Sohil
2/13/2018 11:33:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 3.547 ng
RT: 16.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156906		
206	32.2	26.2	39.2	
141	71.8	45.8	68.6	





#61

4-Nitroaniline

Concen: 2.137 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

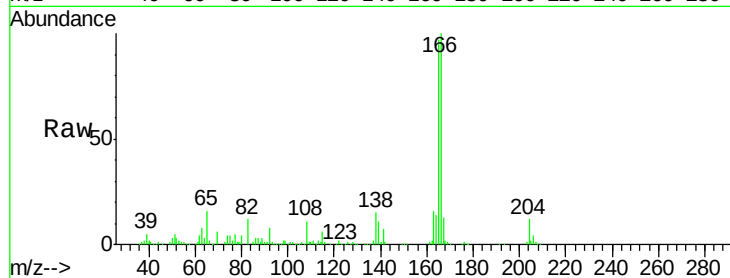
ClientSampled :

MDL-S-02

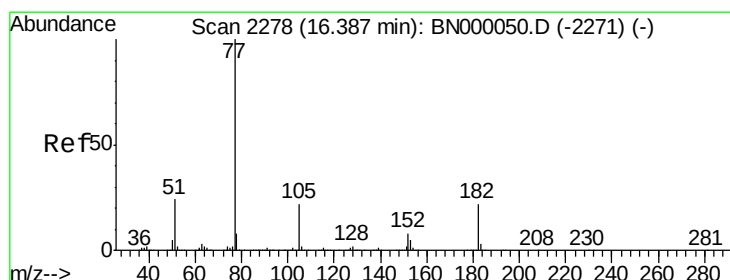
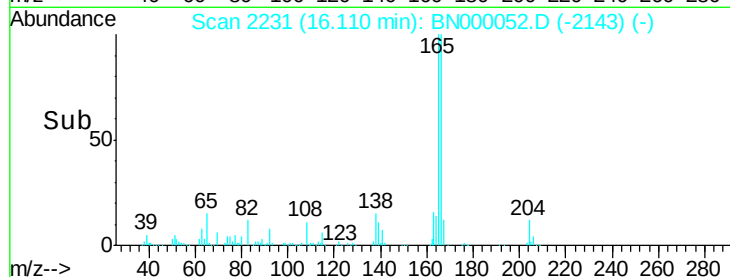
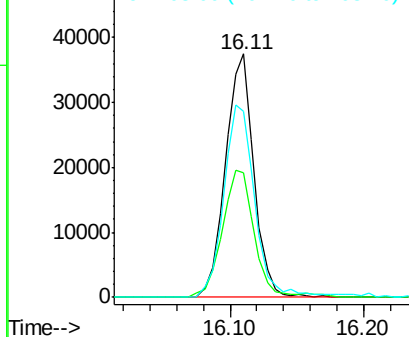
Tgt Ion:	138	Resp:	55790
Ion Ratio	Lower	Upper	
138	100		
92	51.4	40.1	80.1
108	76.5	65.4	105.4

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



#62

Azobenzene

Concen: 3.030 ng

RT: 16.39 min Scan# 2278

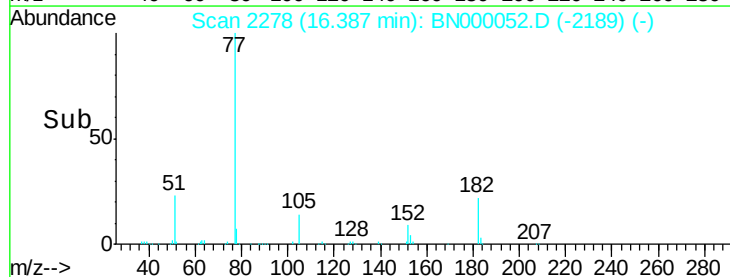
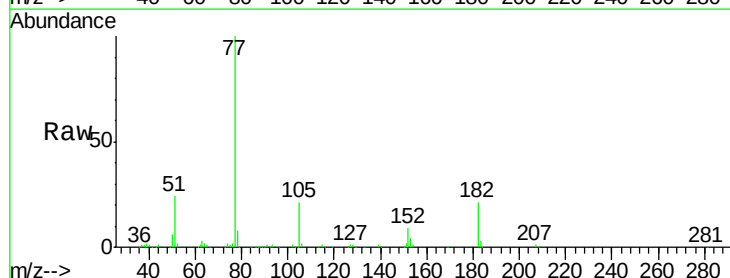
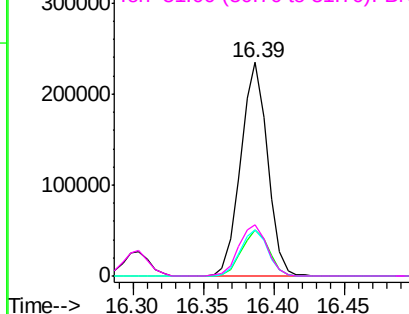
Delta R.T. -0.01 min

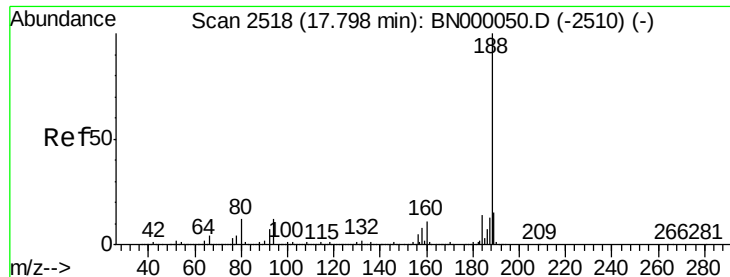
Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	77	Resp:	310307
Ion Ratio	Lower	Upper	
77	100		
182	21.3	7.4	47.4
105	21.5	0.3	40.3
51	23.9	11.6	51.6

Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

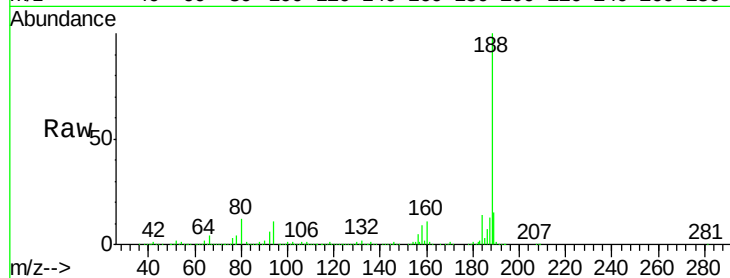
ClientSampleId :

MDL-S-02

Tgt Ion:	188	Resp:	2657541
Ion Ratio	Lower	Upper	
188	100		
94	11.3	6.9	10.3#
80	11.8	7.7	11.5#

Manual Integrations
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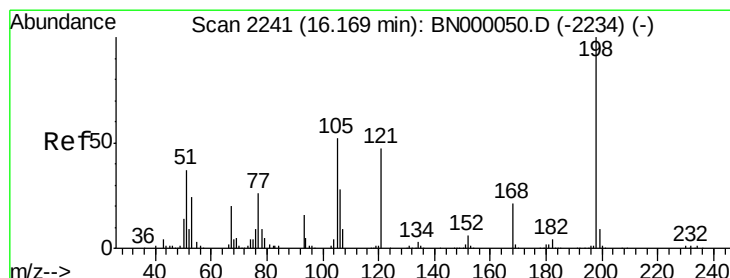
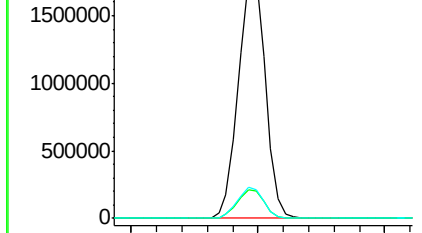
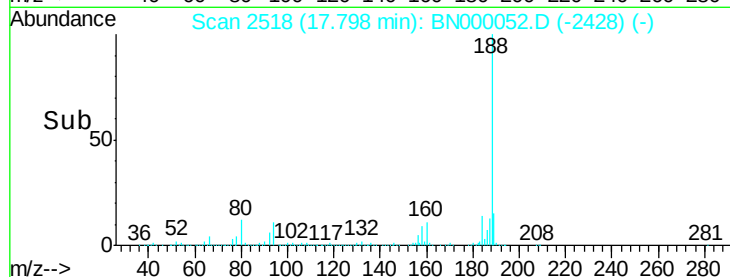


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 9.904 ng

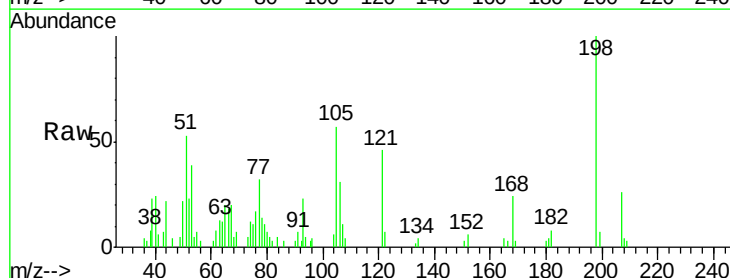
RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	198	Resp:	18401
Ion Ratio	Lower	Upper	
198	100		
51	53.5	30.6	70.6
105	56.5	23.8	63.8

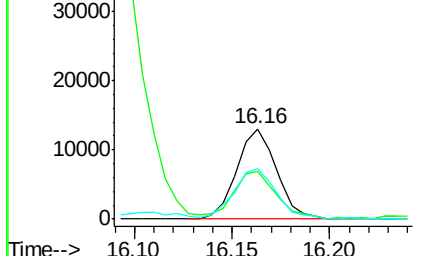
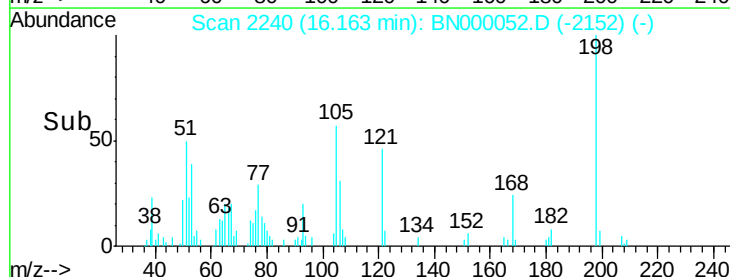


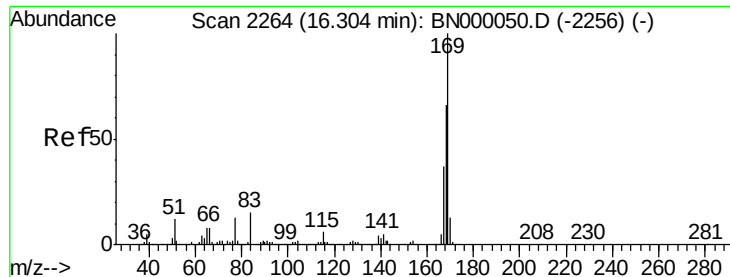
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

Time-->





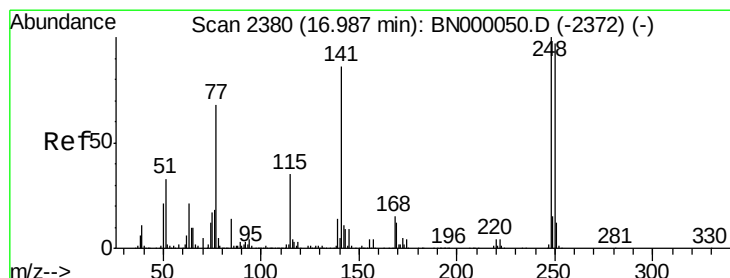
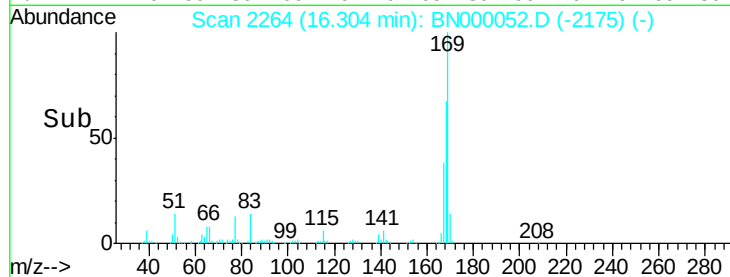
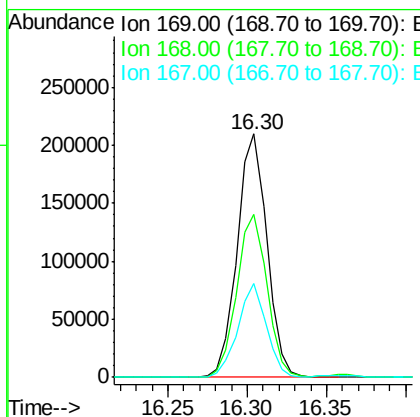
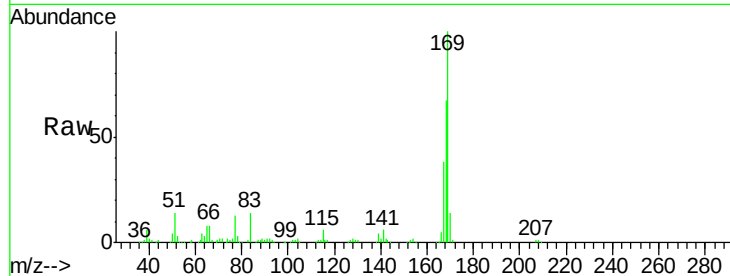
#65
 n-Nitrosodiphenylamine
 Concen: 3.164 ng
 RT: 16.30 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	273613		
168	67.2	55.7	83.5	
167	38.3	30.1	45.1	

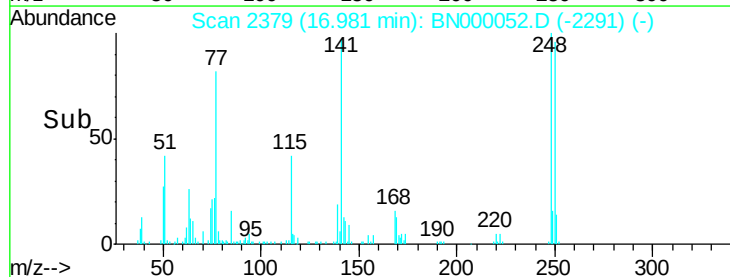
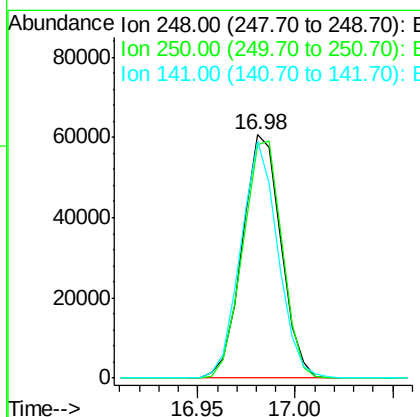
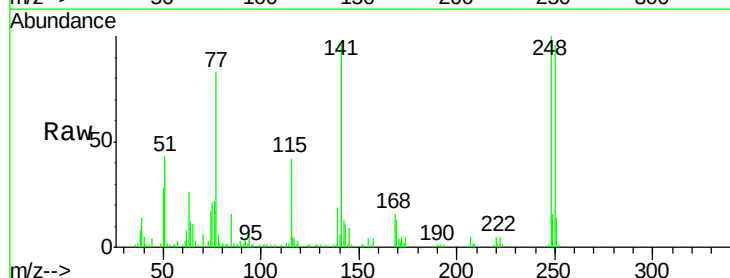
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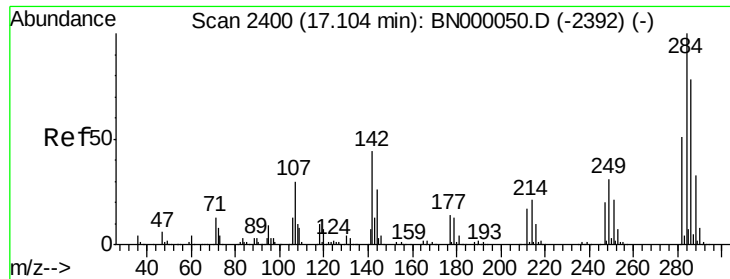
Sohil
 2/13/2018 11:33:30 AM



#66
 4-Bromophenyl-phenylether
 Concen: 3.297 ng
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83324		
250	96.1	77.1	115.7	
141	97.5	50.8	76.2	





#67

Hexachlorobenzene

Concen: 3.437 ng

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

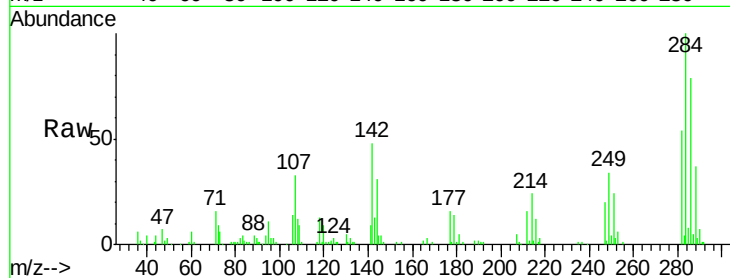
ClientSampled :

MDL-S-02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	101433		
142	48.3	26.8	40.2	#
249	34.5	26.3	39.5	

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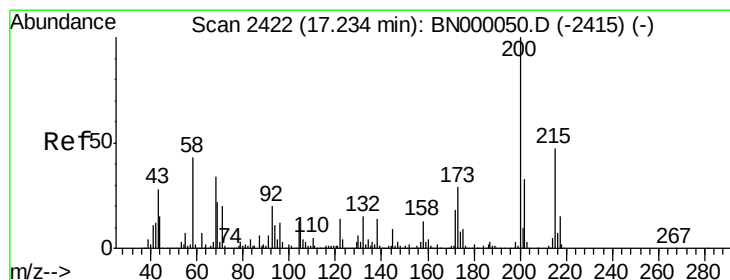
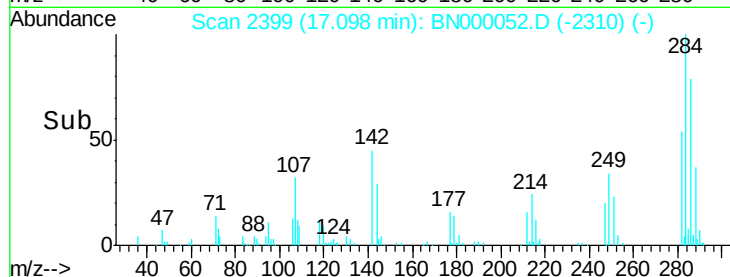
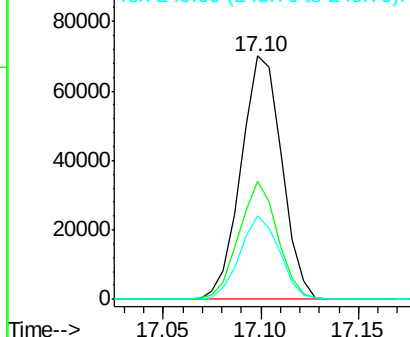
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.507 ng

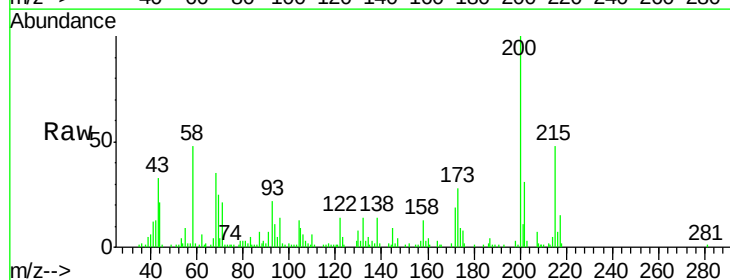
RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

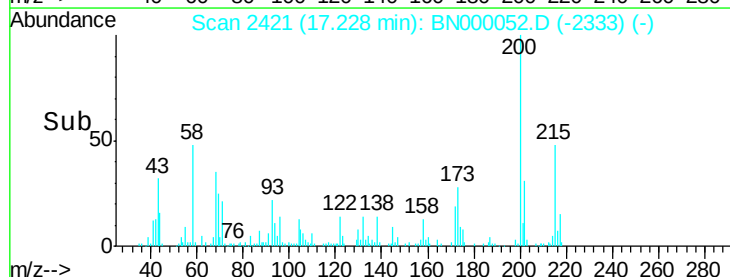
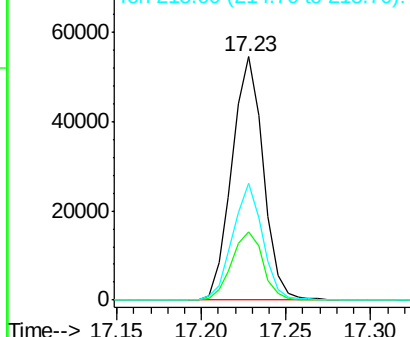
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	70546		
173	28.2	5.2	45.2	
215	48.2	30.4	70.4	

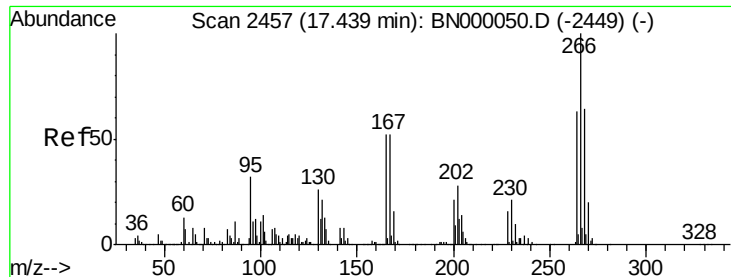


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 7.472 ng

RT: 17.43 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

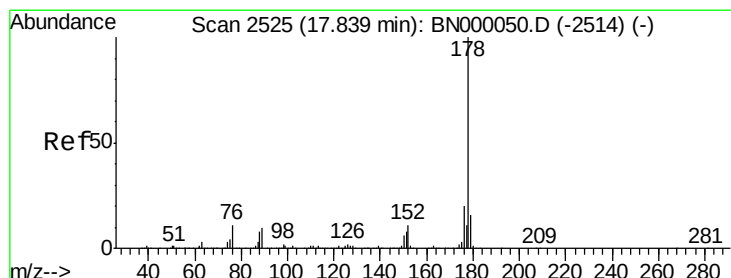
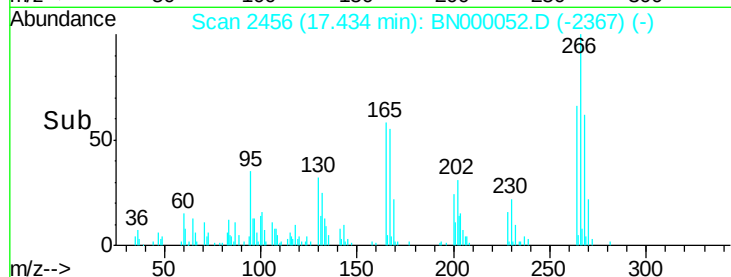
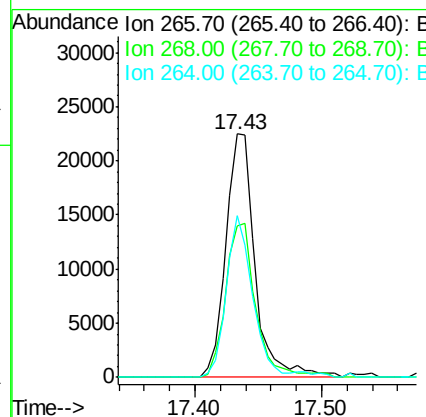
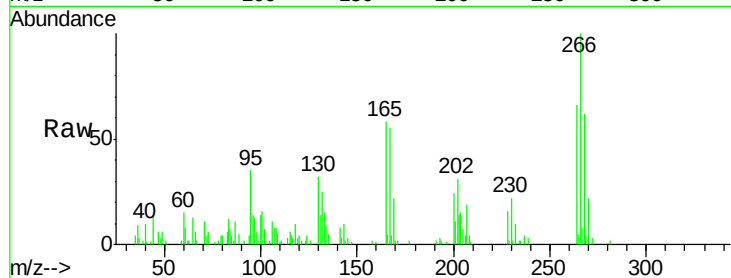
ClientSampleId :

MDL-S-02

Tgt Ion:	266	Resp:	35963
Ion Ratio	Lower	Upper	
266	100		
268	62.3	51.1	76.7
264	66.3	49.6	74.4

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#70

Phenanthrene

Concen: 3.631 ng

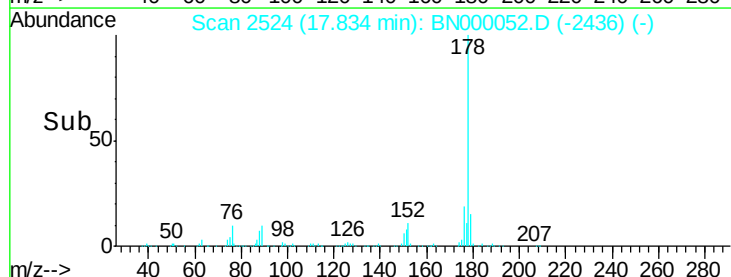
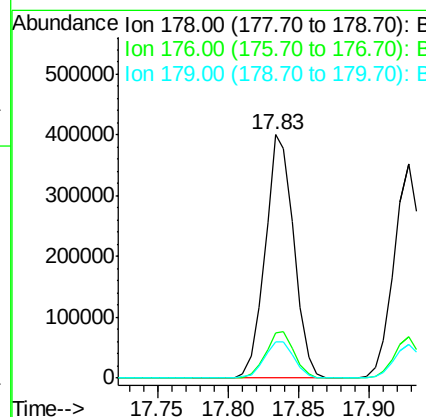
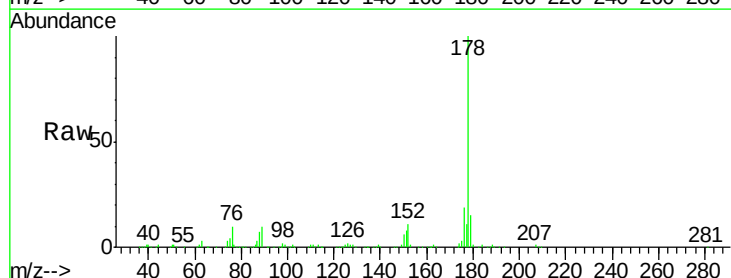
RT: 17.83 min Scan# 2524

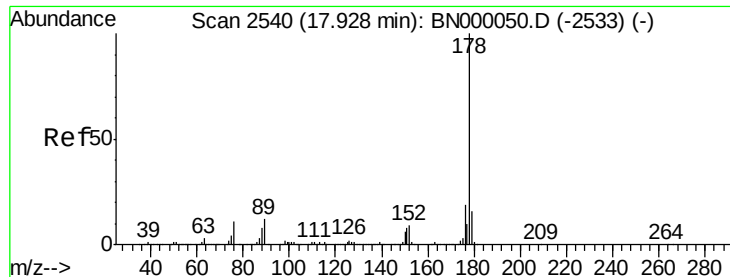
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	178	Resp:	570011
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.7	23.5
179	14.9	12.5	18.7





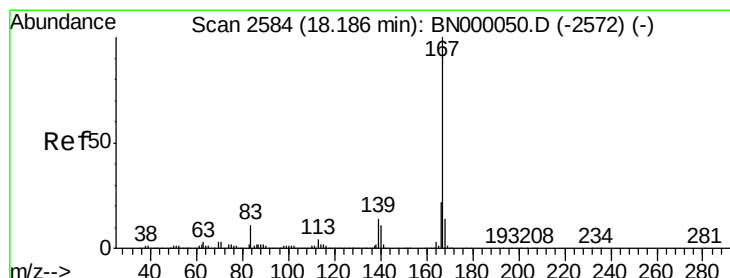
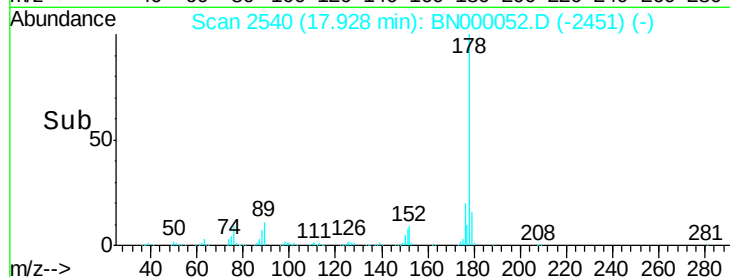
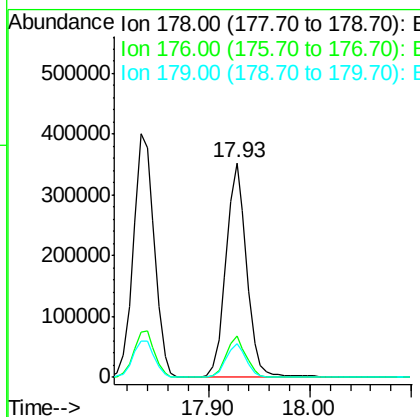
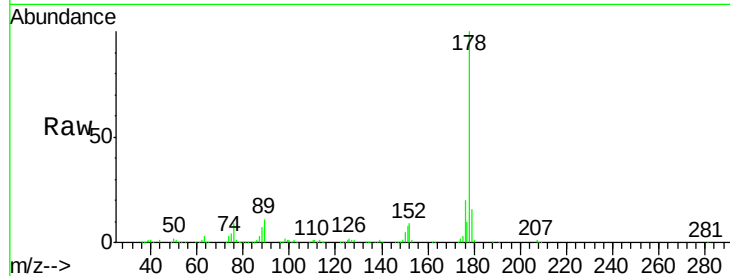
#71
 Anthracene
 Concen: 3.281 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.5	18.7

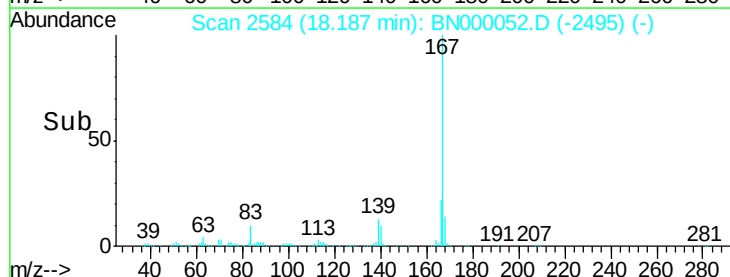
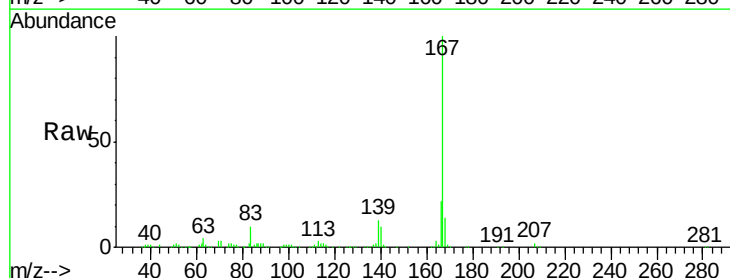
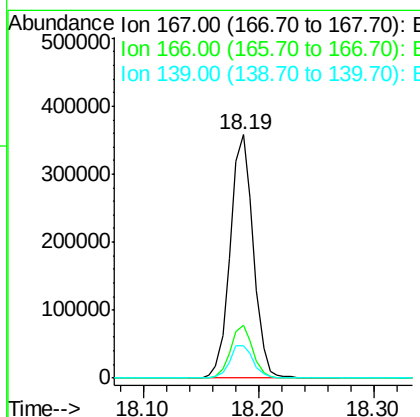
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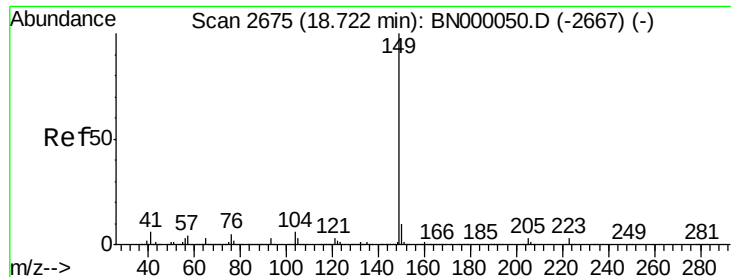
Sohil
 2/13/2018 11:33:30 AM



#72
 Carbazole
 Concen: 3.232 ng
 RT: 18.19 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 2.351 ng

RT: 18.72 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

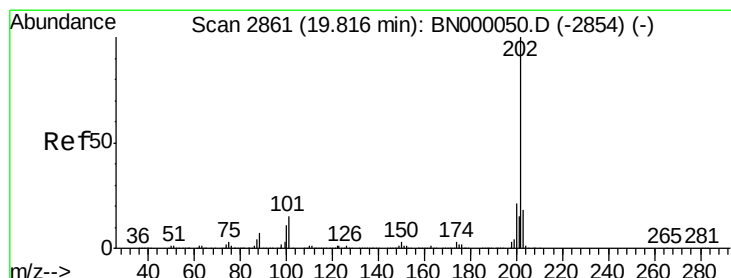
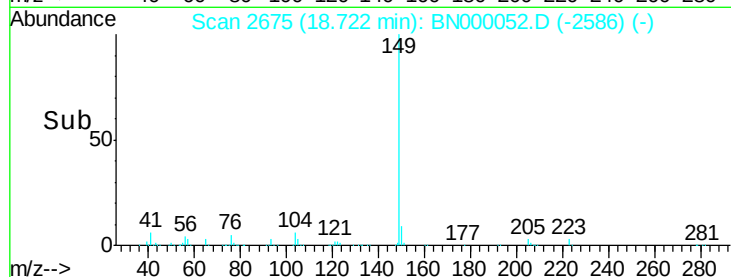
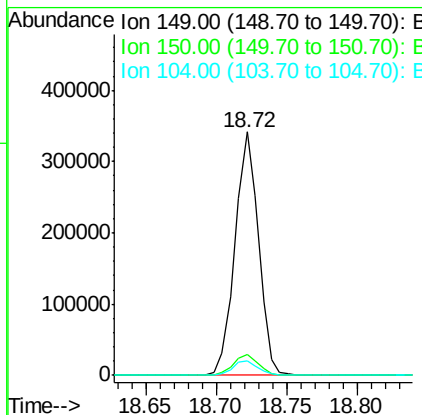
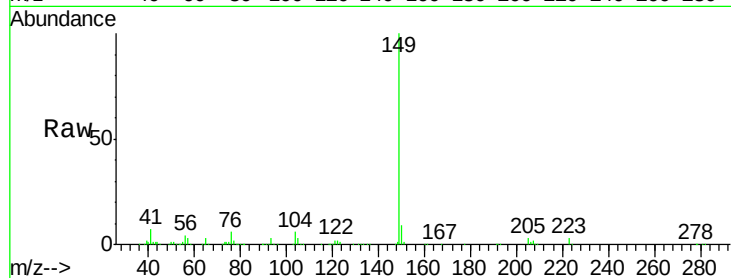
ClientSampleId :

MDL-S-02

Tgt Ion:	149	Resp:	397425
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	5.9	3.9	5.9#

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#74

Fluoranthene

Concen: 3.261 ng

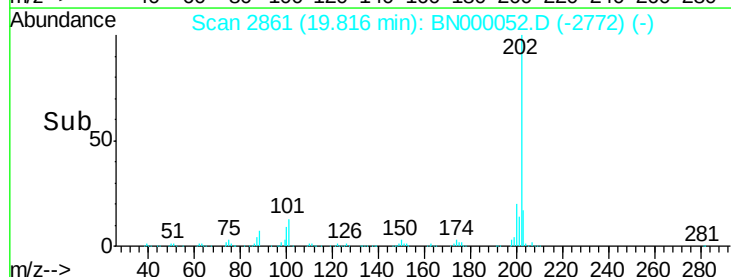
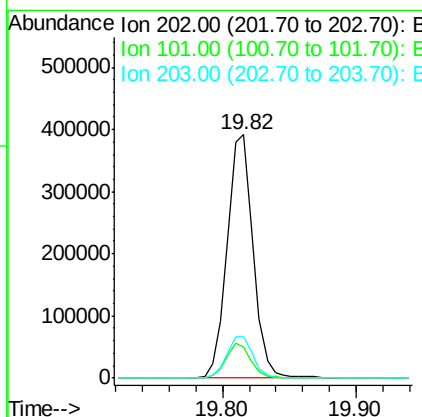
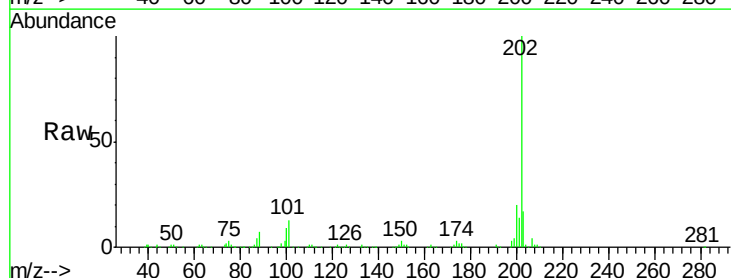
RT: 19.82 min Scan# 2861

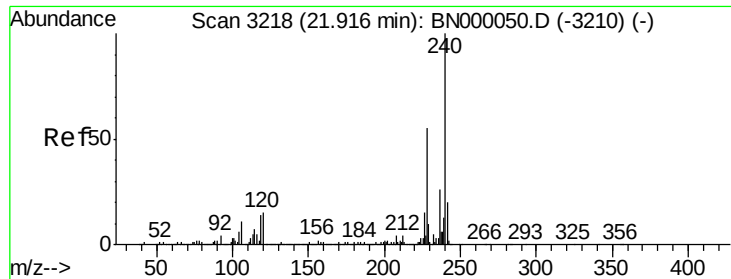
Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Tgt Ion:	202	Resp:	537067
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	28.9
203	17.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.91 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

Tgt Ion:240 Resp: 2815155

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

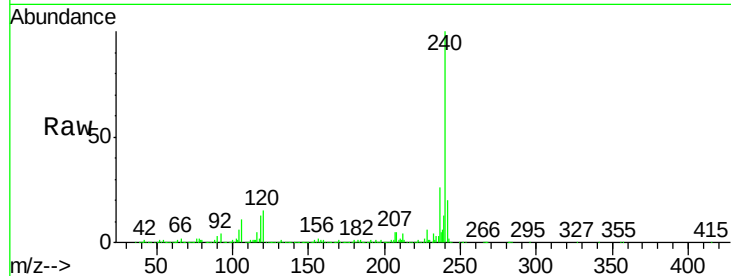
236 25.8 20.9 31.3

Manual Integrations

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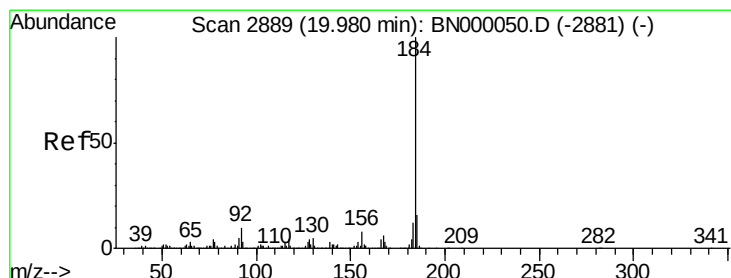
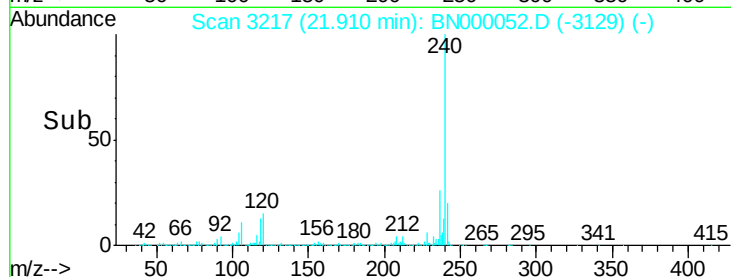
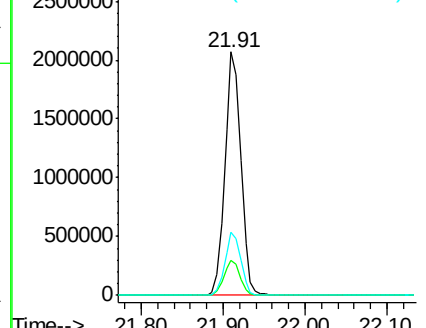
2/13/2018 11:33:30 AM



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: 1.444 ng

RT: 19.98 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BN000052.D

Acq: 09 Feb 2018 11:06

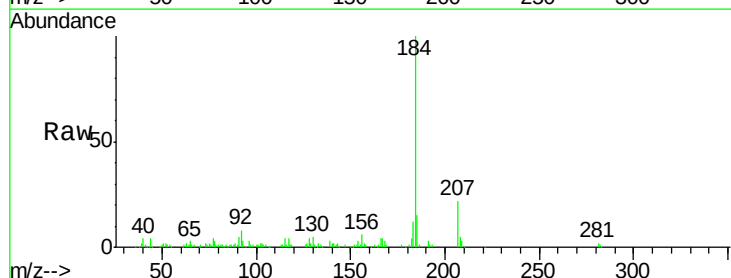
Tgt Ion:184 Resp: 129578

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

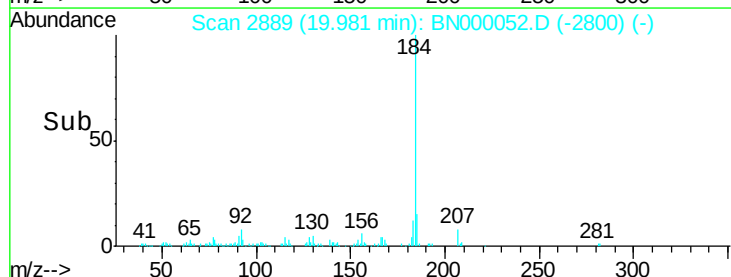
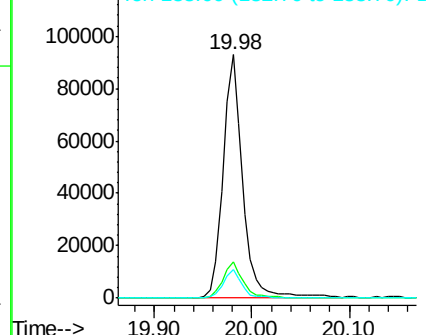
183 11.7 10.6 16.0

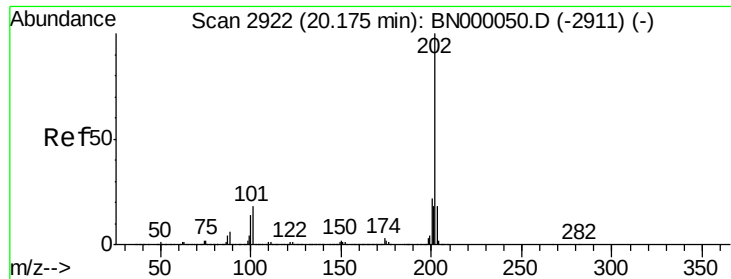


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





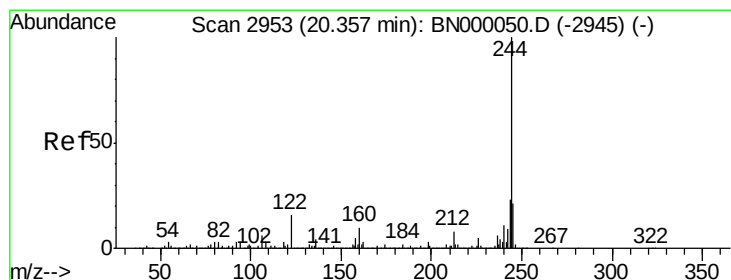
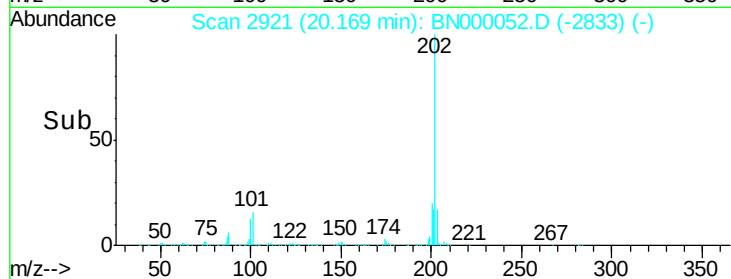
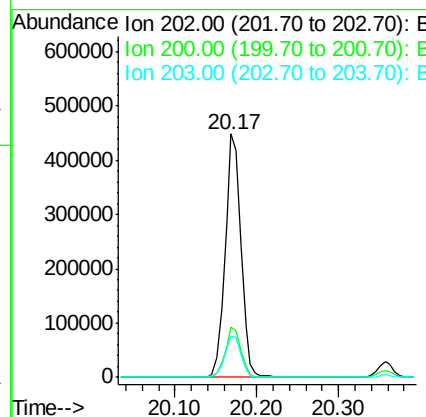
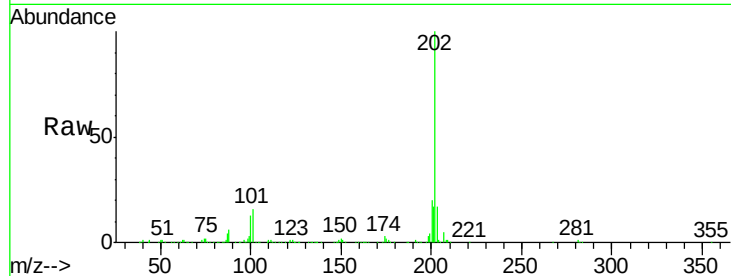
#77
 Pyrene
 Concen: 3.375 ng
 RT: 20.17 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	16.9	25.3
203	16.9	13.9	20.9

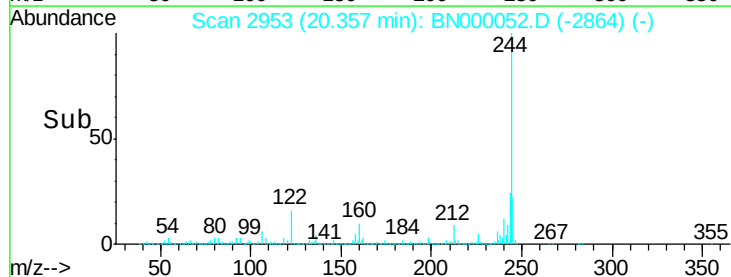
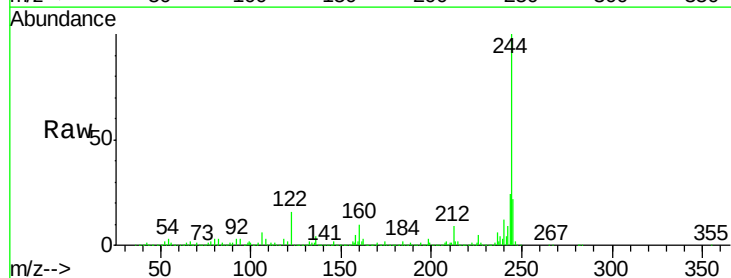
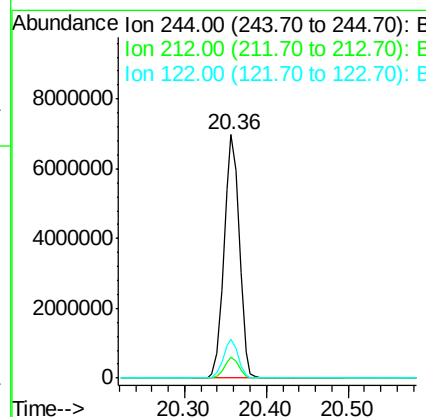
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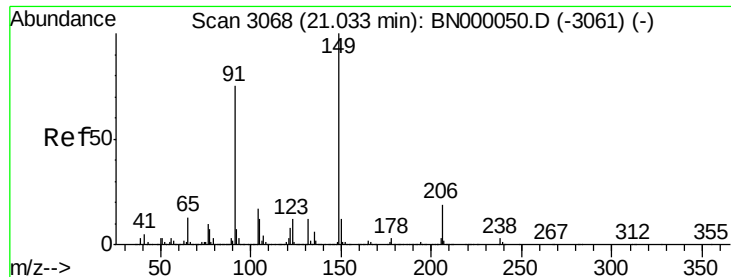
Sohil
 2/13/2018 11:33:30 AM



#78
 Terphenyl-d14
 Concen: 86.878 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.5	5.8	8.8
122	16.2	7.0	10.4#





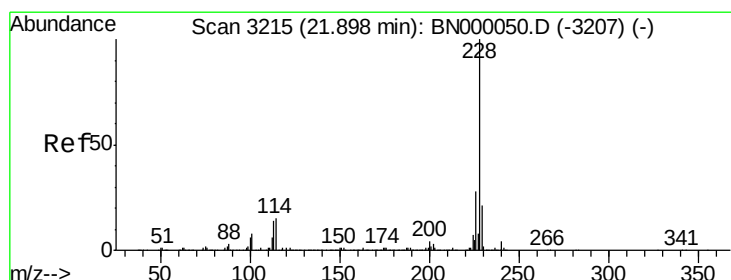
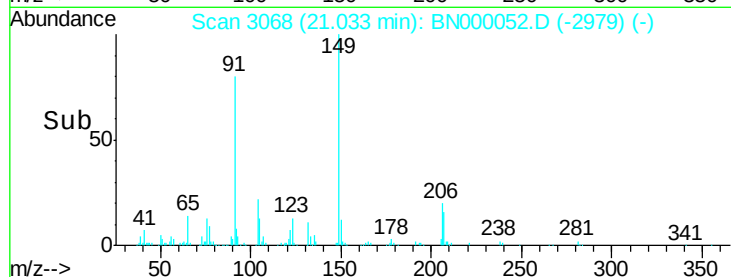
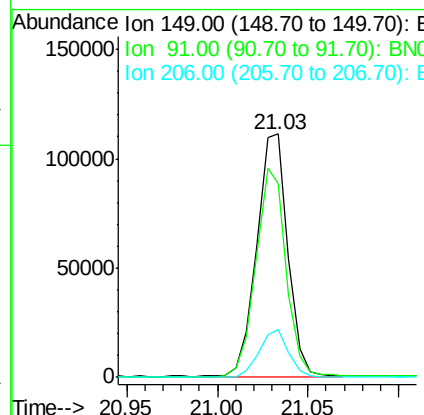
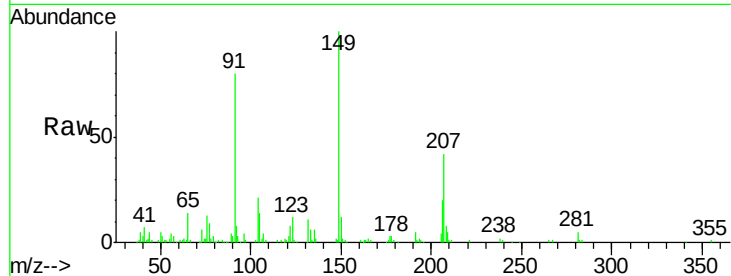
#79
Butylbenzylphthalate
Concen: 6.761 ng
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.8	62.2	93.2
206	19.6	18.6	27.8

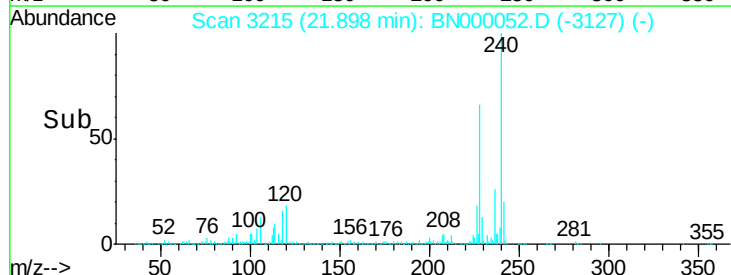
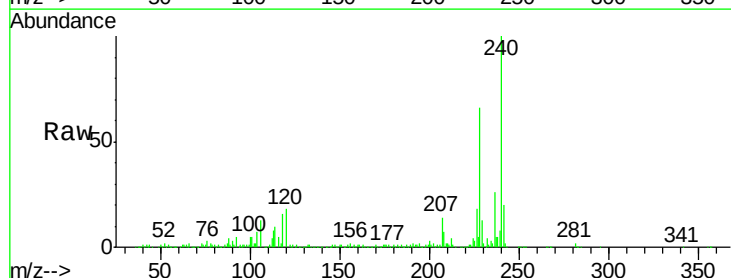
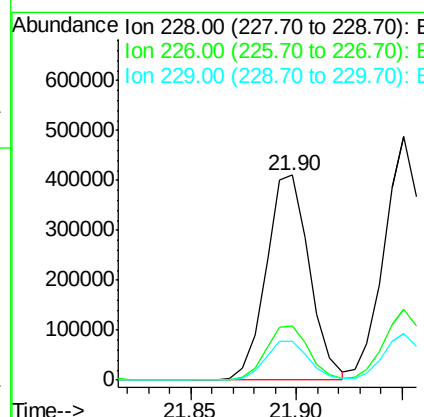
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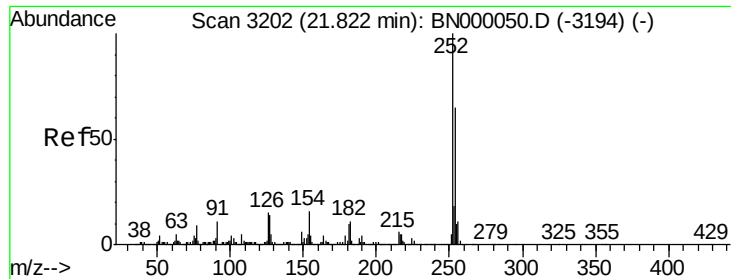
Sohil
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#80
Benzo(a)anthracene
Concen: 3.372 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.5	22.7	34.1
229	19.3	16.2	24.2





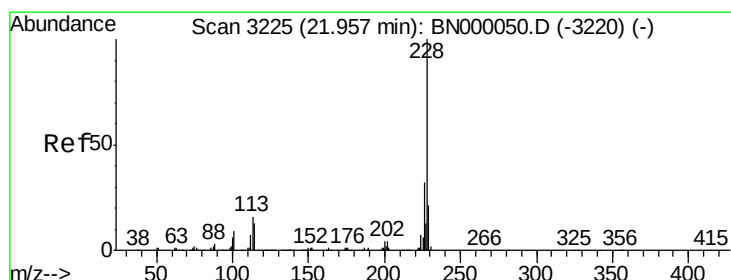
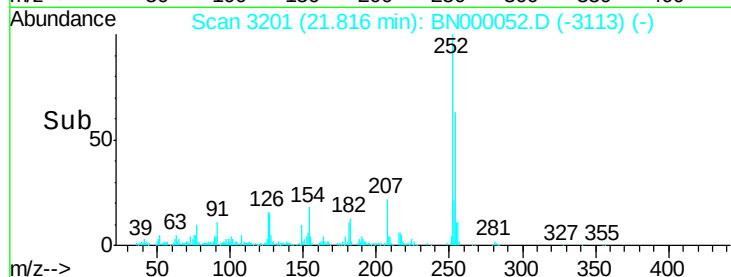
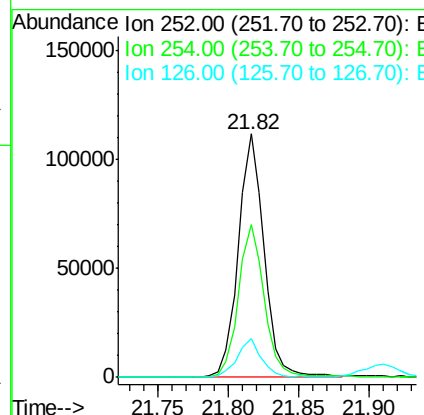
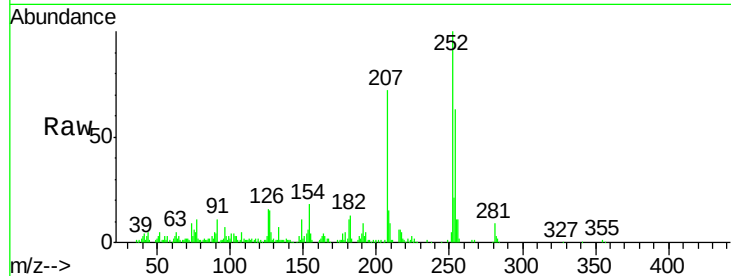
#81
 3,3'-Dichlorobenzidine
 Concen: 2.242 ng
 RT: 21.82 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.8	50.8	76.2
126	15.7	7.4	11.2

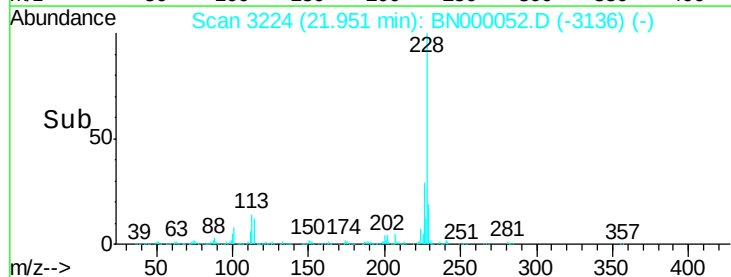
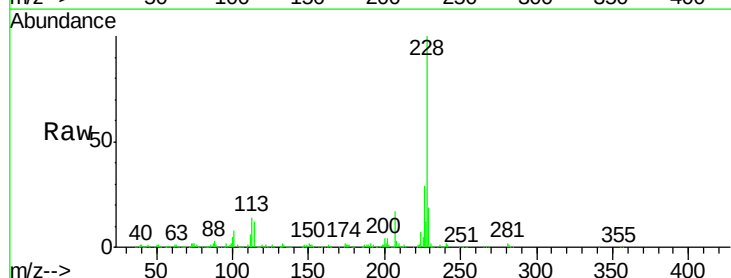
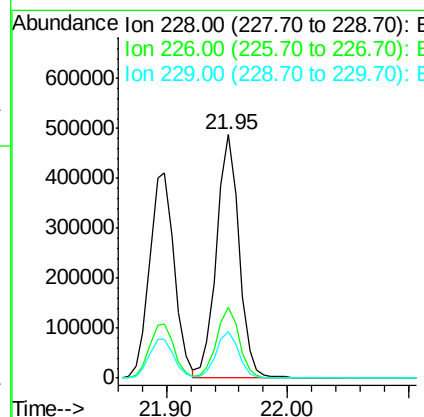
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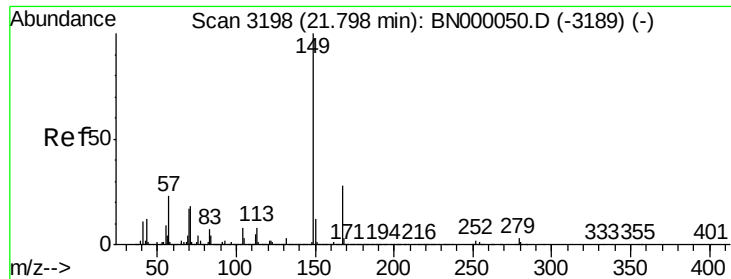
Sohil
 2/13/2018 11:33:30 AM



#82
 Chrysene
 Concen: 3.630 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.2	24.9	37.3
229	19.0	15.0	22.4





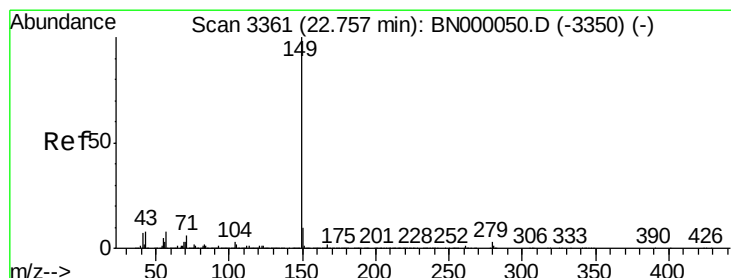
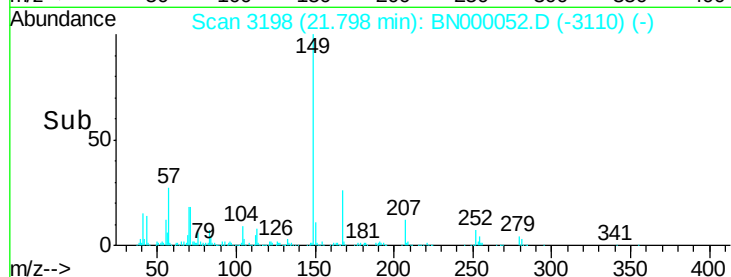
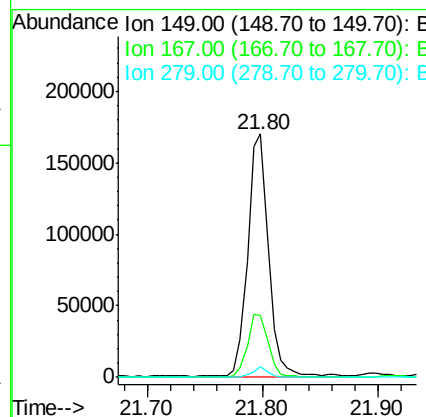
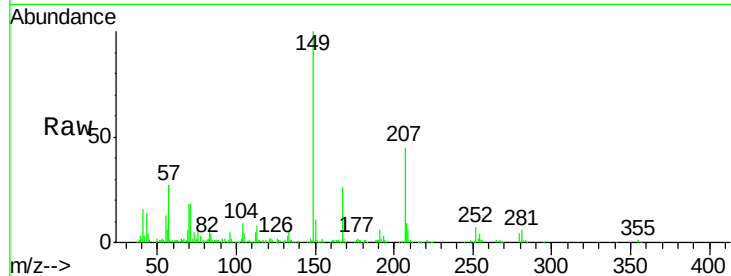
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.472 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.6	24.3	36.5
279	4.2	4.0	6.0

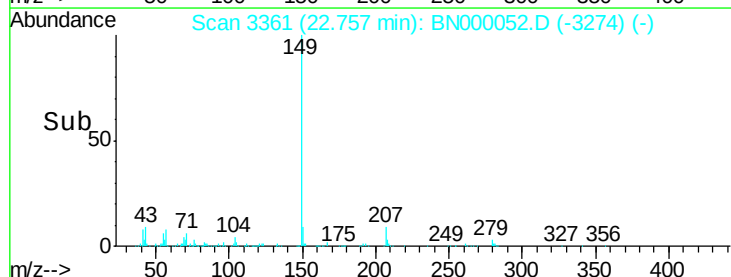
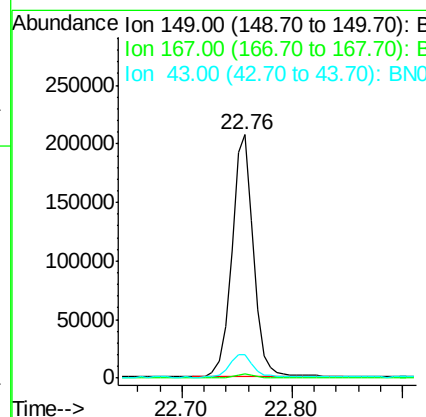
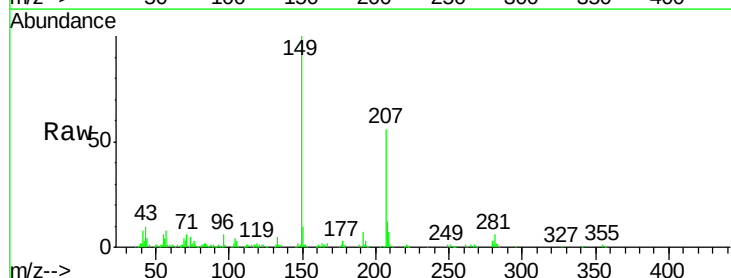
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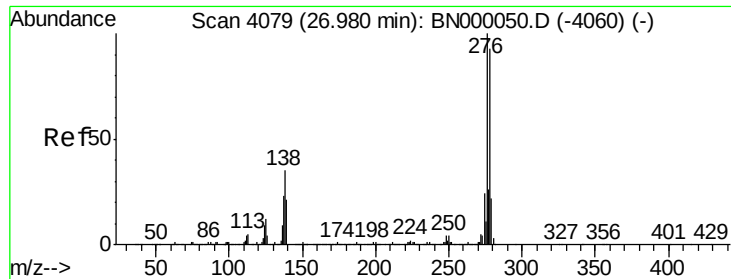
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#84
 Di-n-octyl phthalate
 Concen: 7.737 ng
 RT: 22.76 min Scan# 3361
 Delta R.T. -0.02 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.4	2.0
43	10.7	8.9	13.3





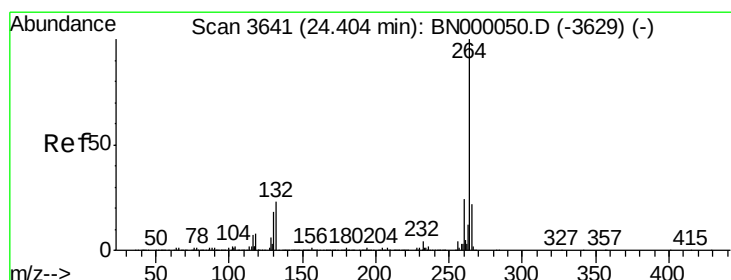
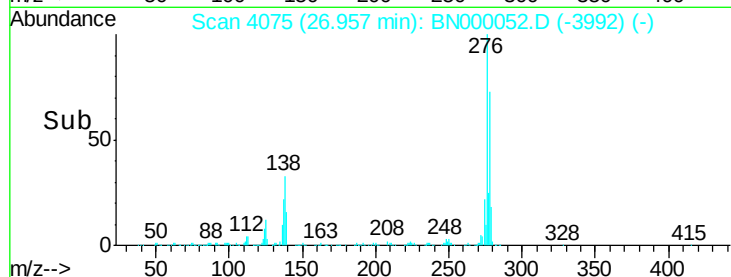
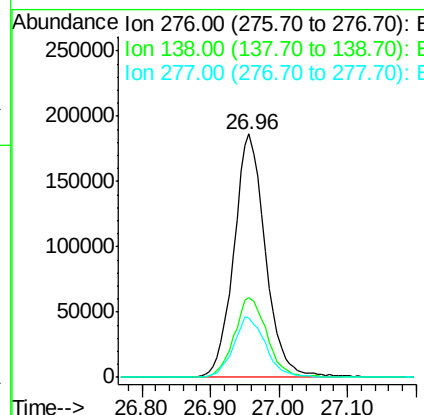
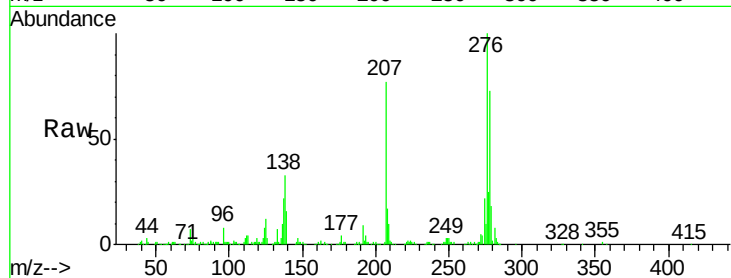
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.811 ng
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.04 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	16.0	24.0#
277	25.4	20.0	30.0

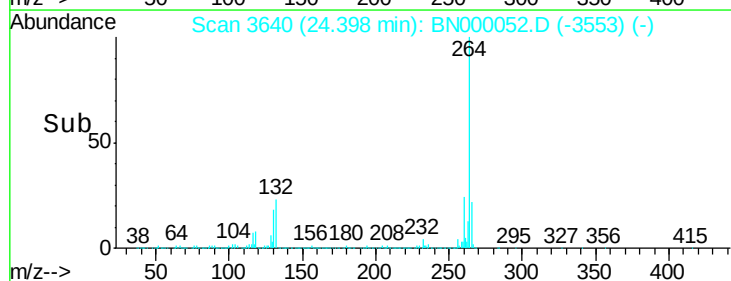
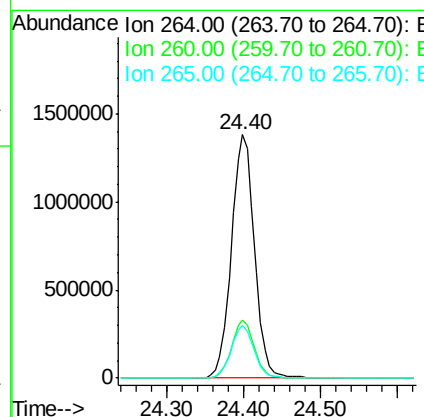
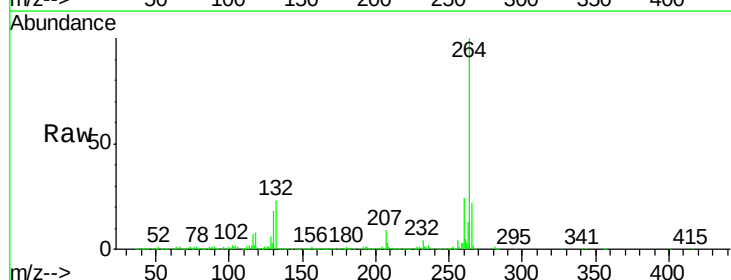
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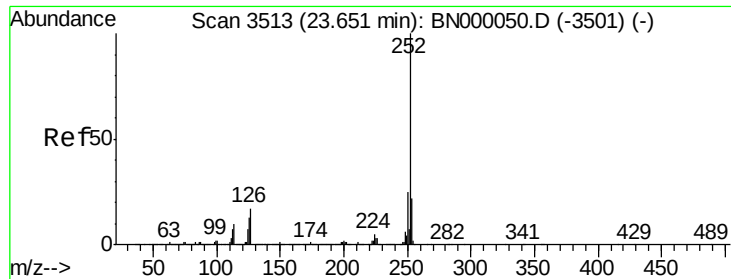
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.40 min Scan# 3640
 Delta R.T. -0.02 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.8	17.7	26.5





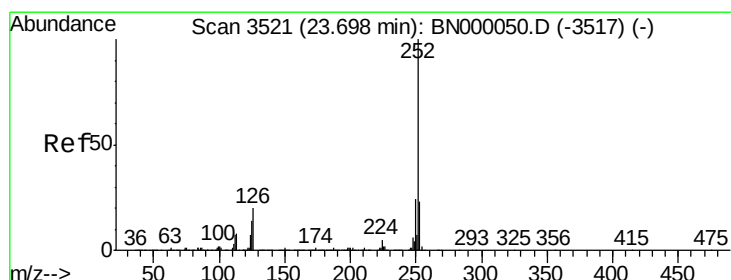
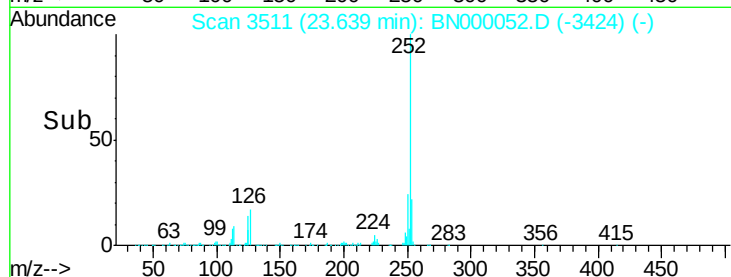
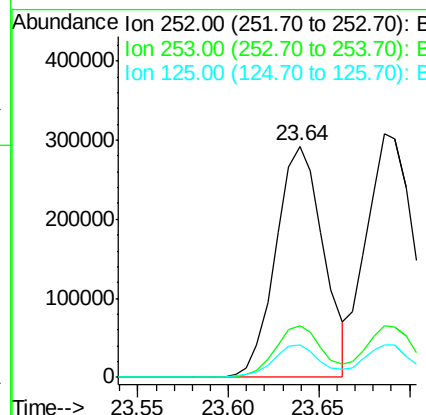
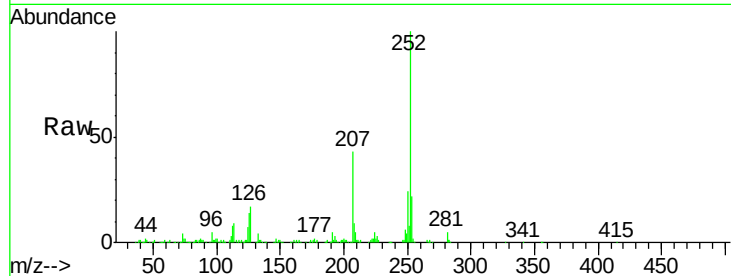
#87
Benzo(b)fluoranthene
Concen: 3.182 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.1	7.2	10.8

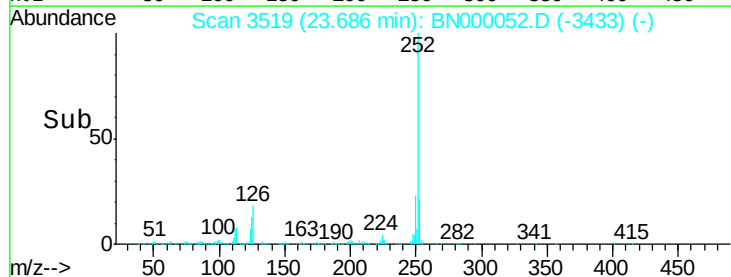
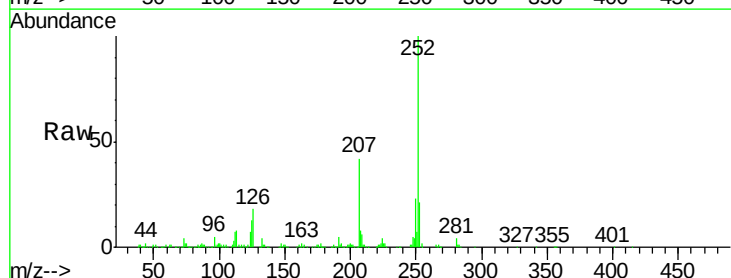
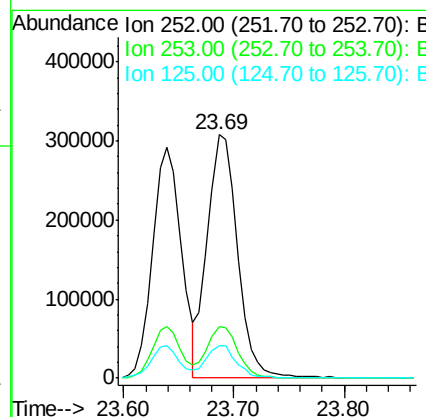
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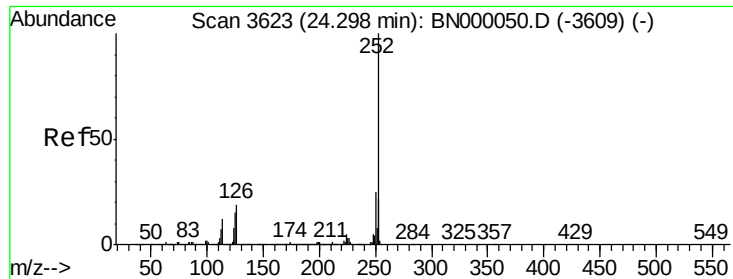
Sohil
2/13/2018 11:33:30 AM



#88
Benzo(k)fluoranthene
Concen: 3.396 ng
RT: 23.69 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	13.5	6.6	9.8





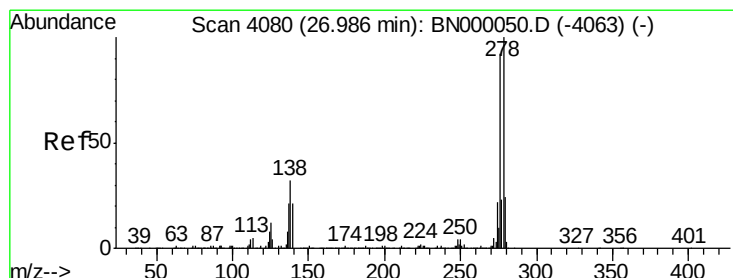
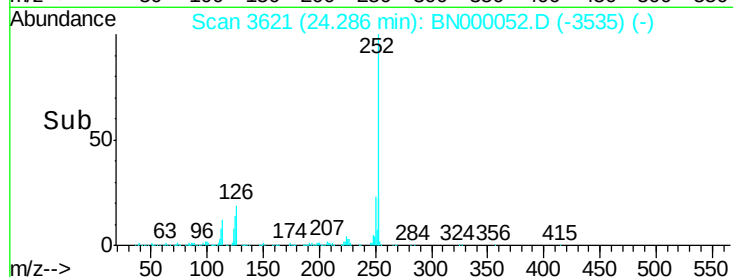
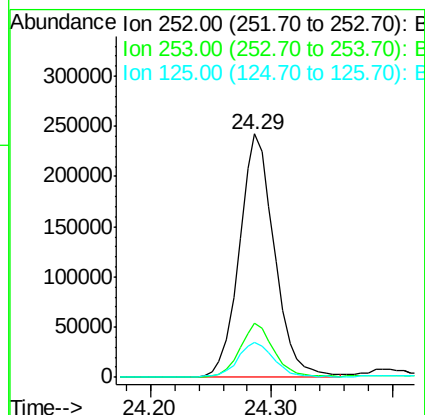
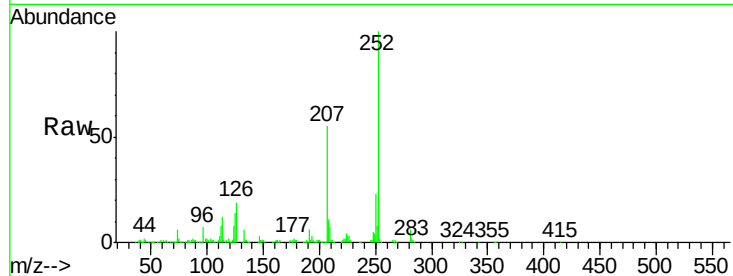
#89
Benzo(a)pyrene
Concen: 3.030 ng
RT: 24.29 min Scan# 3621
Delta R.T. -0.02 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	14.1	7.3	10.9#

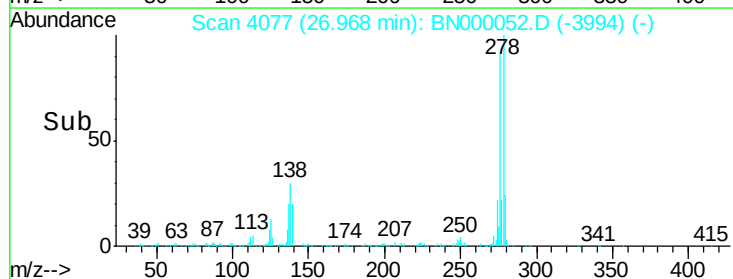
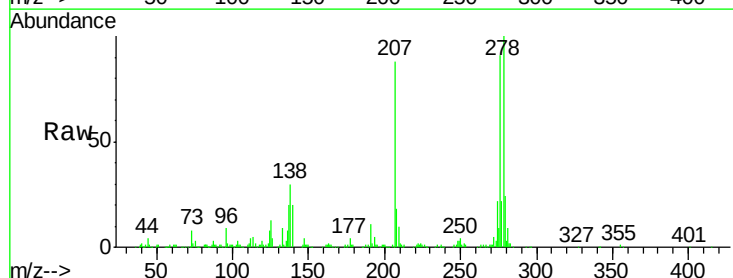
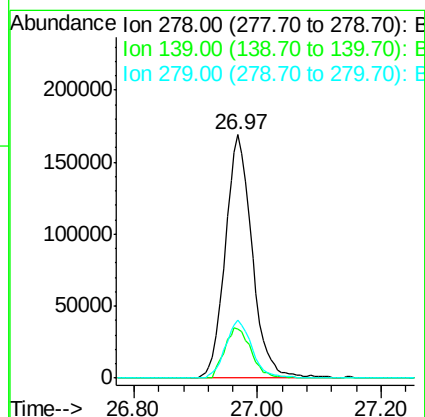
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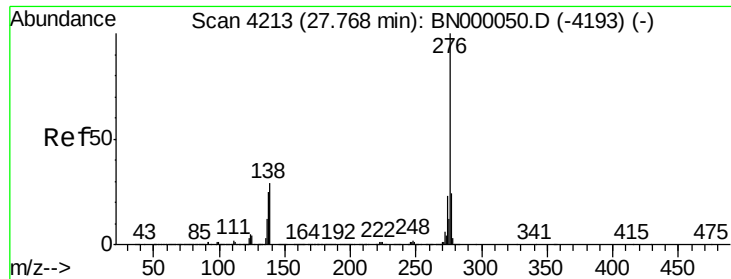
Sohil
2/13/2018 11:33:30 AM



#90
Dibenzo(a,h)anthracene
Concen: 3.020 ng
RT: 26.97 min Scan# 4077
Delta R.T. -0.04 min
Lab File: BN000052.D
Acq: 09 Feb 2018 11:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	9.8	14.6#
279	23.7	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 2.927 ng
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.05 min
 Lab File: BN000052.D
 Acq: 09 Feb 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.1	18.3	27.5
138	29.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:33:30 AM

