

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000015.D
 Acq On : 05 Feb 2018 12:59
 Operator : SJ/JU
 Sample : MDL-S-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Manual Integrations
 APPROVED

Sohil
 2/6/2018 5:15:23 PM

Quant Time: Feb 06 16:51:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	298891	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1489891	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	902325	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2054610	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2352996	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2467470	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2472601	121.97	ng	0.00
7) Phenol-d6	7.59	99	3562666	115.70	ng	0.00
23) Nitrobenzene-d5	9.65	82	2262933	91.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.56	330	1119068	123.37	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6127460	90.95	ng	0.00
78) Terphenyl-d14	20.37	244	8148357	91.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	28425	3.544	ng	98
3) Pyridine	4.13	79	63228	2.600	ng	95
4) n-Nitrosodimethylamine	4.02	42	23425	3.274	ng	# 96
6) Aniline	7.78	93	134327	3.200	ng	93
8) 2-Chlorophenol	8.03	128	79683	3.553	ng	89
9) Benzaldehyde	7.59	77	75918	2.371	ng	99
10) Phenol	7.62	94	106272	3.376	ng	91
11) bis(2-Chloroethyl)ether	7.87	93	88524	3.526	ng	# 81
12) 1,3-Dichlorobenzene	8.36	146	94504	3.796	ng	95
13) 1,4-Dichlorobenzene	8.51	146	93868	3.671	ng	94
14) 1,2-Dichlorobenzene	8.84	146	94713	3.749	ng	99
15) Benzyl Alcohol	8.71	79	60097	2.658	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	97598	3.594	ng	82
17) 2-Methylphenol	8.90	107	65712	2.895	ng	97
18) Hexachloroethane	9.59	117	29895	3.409	ng	# 82
19) n-Nitroso-di-n-propylamine	9.28	70	59256	2.856	ng	# 88
20) 3+4-Methylphenols	9.23	107	88796	2.793	ng	98
22) Acetophenone	9.30	105	150331	3.416	ng	# 89
24) Nitrobenzene	9.69	77	105564	3.995	ng	98
25) Isophorone	10.22	82	162630	2.787	ng	98
26) 2-Nitrophenol	10.41	139	19247	2.083	ng	96
27) 2,4-Dimethylphenol	10.46	122	80088	3.347	ng	97
28) bis(2-Chloroethoxy)methane	10.70	93	114036	3.387	ng	99
29) 2,4-Dichlorophenol	10.95	162	50791	2.474	ng	94
30) 1,2,4-Trichlorobenzene	11.17	180	88211	3.669	ng	97
31) Naphthalene	11.37	128	308363	3.690	ng	97
32) Benzoic acid	10.48	122	14634m	7.470	ng	
33) 4-Chloroaniline	11.46	127	117380	3.030	ng	96
34) Hexachlorobutadiene	11.65	225	46136	3.766	ng	97
35) Caprolactam	12.18	113	16129	1.767	ng	92
36) 4-Chloro-3-methylphenol	12.54	107	63364	2.270	ng	97
37) 2-Methylnaphthalene	12.95	142	204809	3.469	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	99857	3.799	ng	# 96
40) Hexachlorocyclopentadiene	13.28	237	26630	3.034	ng	86

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

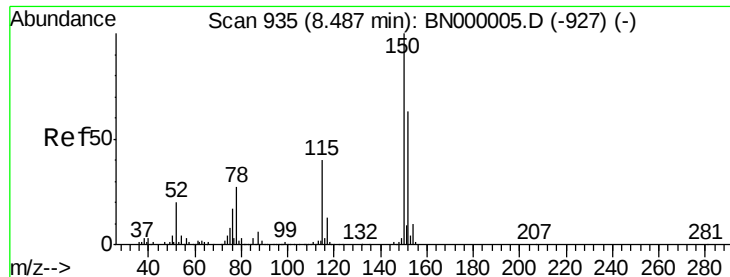
Manual Integrations
 APPROVED

Sohil
 2/6/2018 5:15:23 PM

Quant Time: Feb 06 16:51:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	34439	2.217	nq	95
43) 2,4,5-Trichlorophenol	13.59	196	39580	2.163	nq	# 87
45) 1,1'-Biphenyl	13.93	154	318262	3.948	nq	98
46) 2-Chloronaphthalene	13.97	162	224492	3.709	nq	98
47) 2-Nitroaniline	14.16	65	29103	1.780	nq	89
48) Acenaphthylene	14.82	152	316458	3.114	nq	96
49) Dimethylphthalate	14.52	163	257933	3.198	nq	99
50) 2,6-Dinitrotoluene	14.64	165	27969	1.752	nq	# 84
51) Acenaphthene	15.15	154	230003	3.586	nq	97
52) 3-Nitroaniline	14.97	138	36034	1.829	nq	94
53) 2,4-Dinitrophenol	15.17	184	6375	6.431	nq	93
54) Dibenzofuran	15.47	168	340686	3.702	nq	95
55) 4-Nitrophenol	15.25	139	22311	1.503	nq	# 79
56) 2,4-Dinitrotoluene	15.42	165	32659	1.520	nq	94
57) Fluorene	16.12	166	273296	3.527	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.69	232	34056	2.286	nq	# 78
59) Diethylphthalate	15.87	149	254311	3.018	nq	95
60) 4-Chlorophenyl-phenylether	16.10	204	123148	3.596	nq	# 88
61) 4-Nitroaniline	16.12	138	37084	1.770	nq	92
62) Azobenzene	16.40	77	250596	2.976	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	10956	1.455	nq	79
65) n-Nitrosodiphenylamine	16.32	169	221818	3.304	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	65754	3.420	nq	# 82
67) Hexachlorobenzene	17.11	284	82726	3.735	nq	# 87
68) Atrazine	17.24	200	58513	2.859	nq	93
69) Pentachlorophenol	17.44	266	26870	2.025	nq	95
70) Phenanthrene	17.84	178	469523	3.798	nq	98
71) Anthracene	17.94	178	404989	3.307	nq	97
72) Carbazole	18.20	167	411067	3.244	nq	97
73) Di-n-butylphthalate	18.74	149	316125	2.247	nq	# 98
74) Fluoranthene	19.83	202	455147	3.242	nq	95
76) Benzidine	19.99	184	130687	2.194	nq	# 94
77) Pyrene	20.18	202	516179	3.477	nq	99
79) Butylbenzylphthalate	21.05	149	90251	1.375	nq	# 94
80) Benzo(a)anthracene	21.92	228	513073	3.517	nq	98
81) 3,3'-Dichlorobenzidine	21.83	252	115593	2.364	nq	# 98
82) Chrysene	21.97	228	552218	3.811	nq	99
83) Bis(2-ethylhexyl)phthalate	21.82	149	164962	1.685	nq	# 90
84) Di-n-octyl phthalate	22.79	149	219463	1.385	nq	98
85) Indeno(1,2,3-cd)pyrene	27.00	276	569433	3.047	nq	# 85
87) Benzo(b)fluoranthene	23.67	252	488513	3.330	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	524110	3.563	nq	# 93
89) Benzo(a)pyrene	24.32	252	448174	3.145	nq	# 93
90) Dibenzo(a,h)anthracene	27.02	278	480122	3.218	nq	# 89
91) Benzo(g,h,i)perylene	27.79	276	482419	3.182	nq	# 88

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



#1

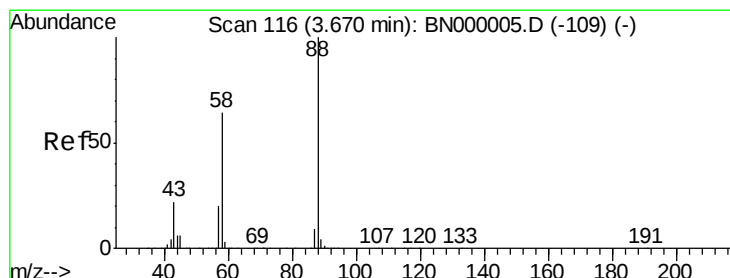
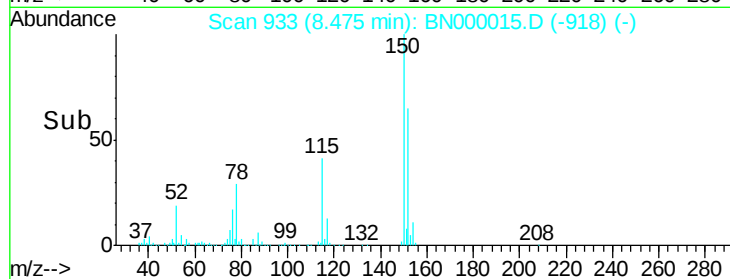
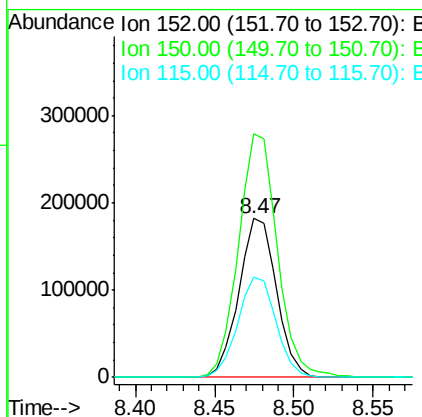
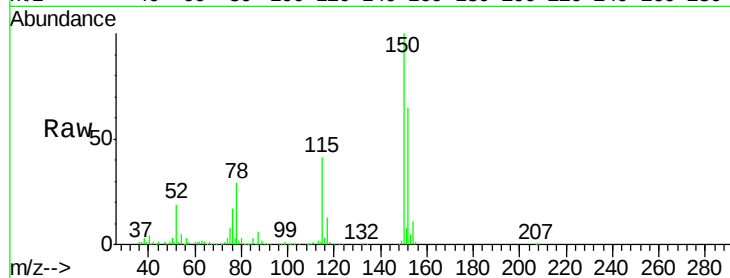
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	63.1	53.0	79.4

Manual Integrations
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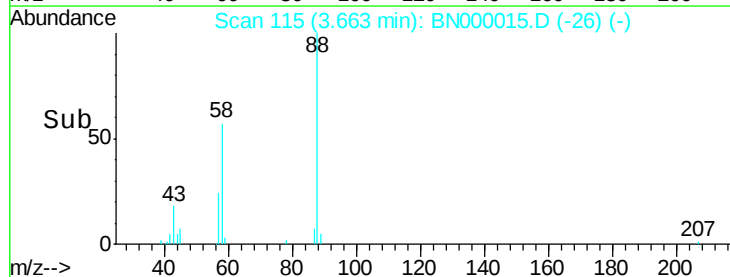
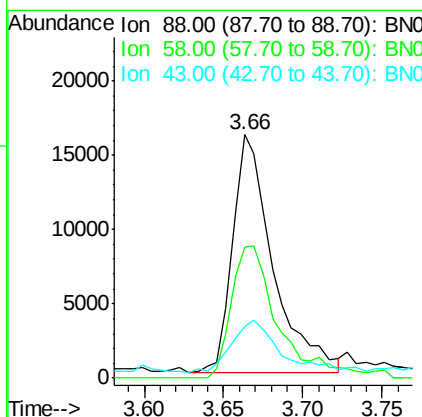
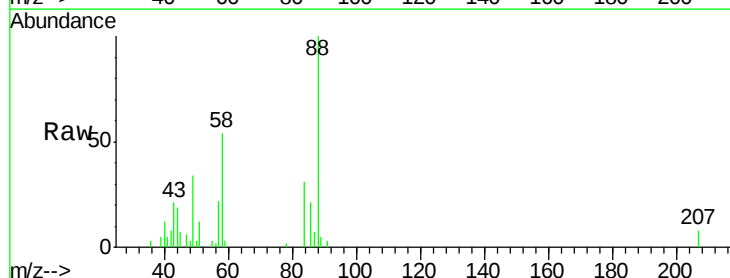
Sohil
2/6/2018 5:15:23 PM

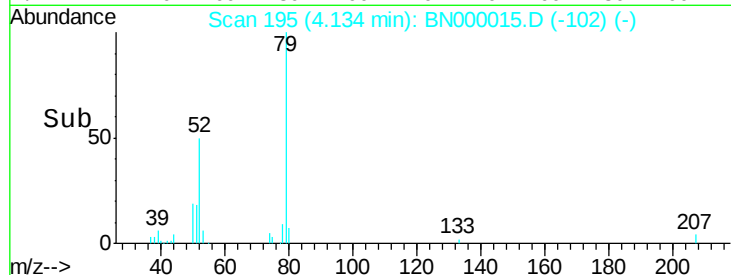
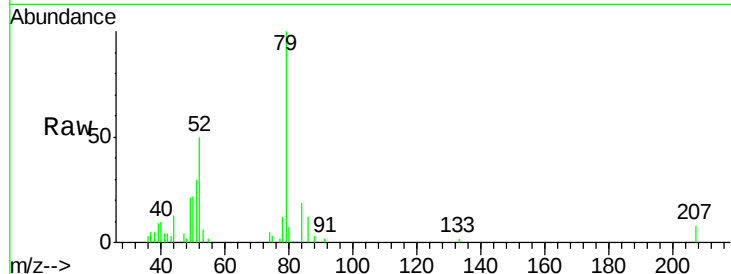
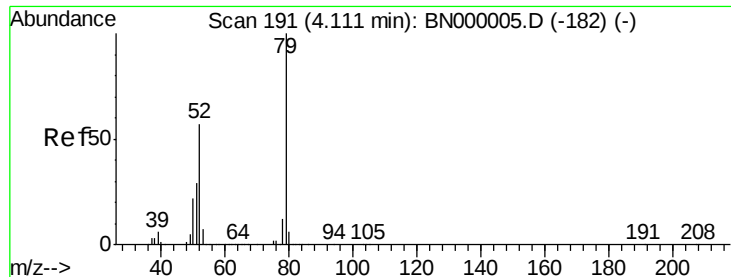


#2

1,4-Dioxane
Concen: 3.544 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	52.0	78.0
43	26.6	20.0	30.0





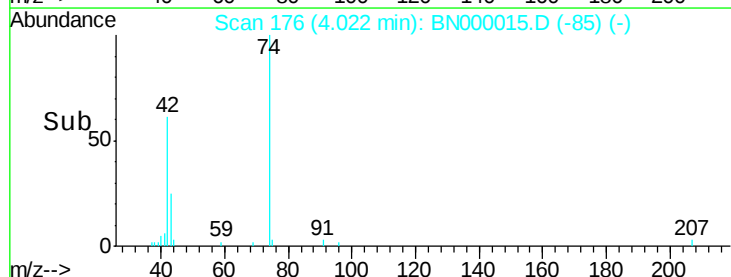
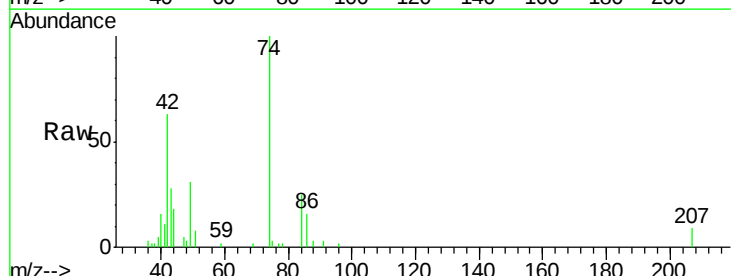
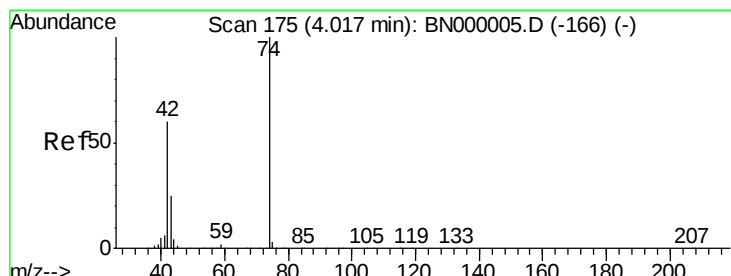
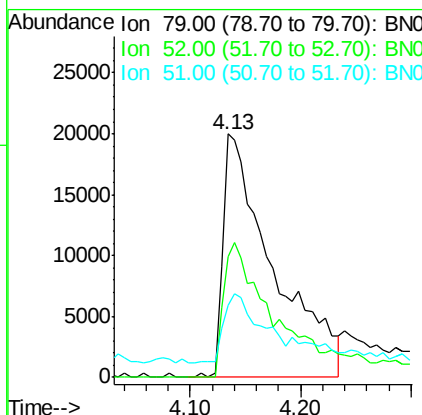
#3
Pvridine
Concen: 2.600 ng
RT: 4.13 min Scan# 195
Delta R.T. 0.02 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	63228		
52	52	49.8		44.0	66.0
51	51	29.7		24.0	36.0

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

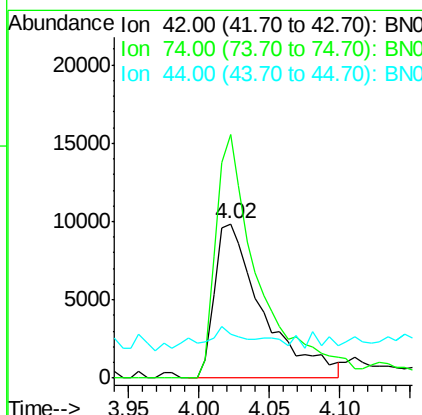
Manual Integrations
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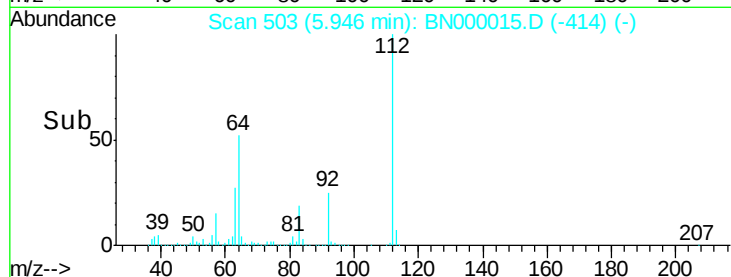
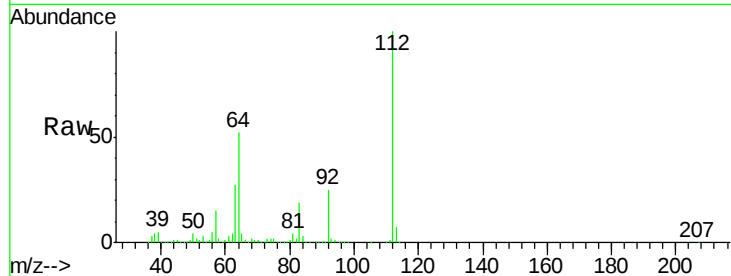
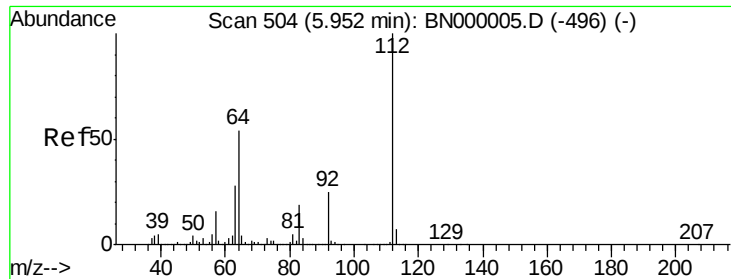
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2/6/2018 5:15:23 PM



#4
n-Nitrosodimethylamine
Concen: 3.274 ng
RT: 4.02 min Scan# 176
Delta R.T. 0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	23425		
74	74	158.0		128.0	192.0
44	44	28.8		12.0	18.0





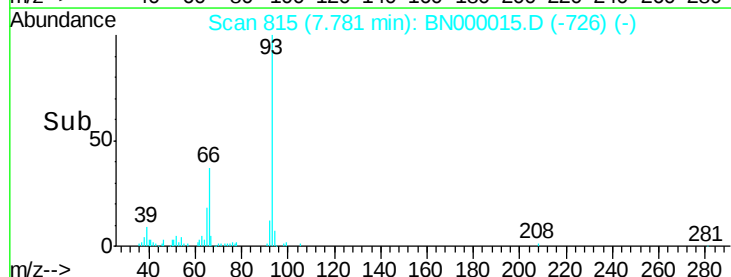
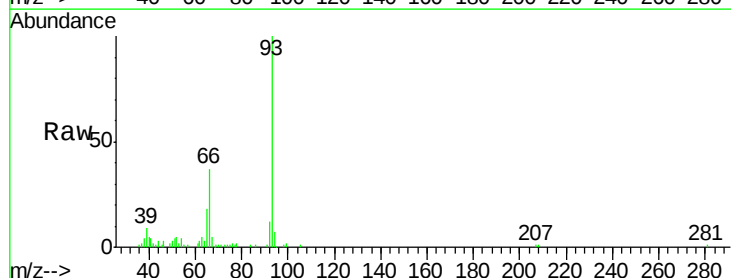
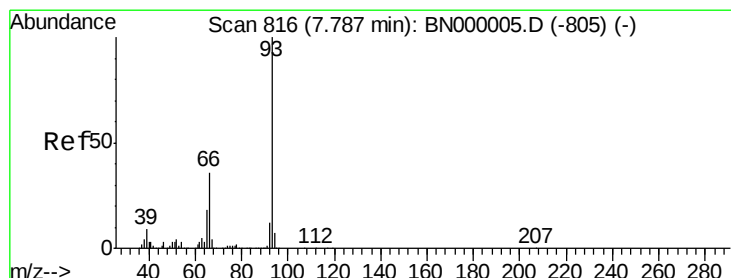
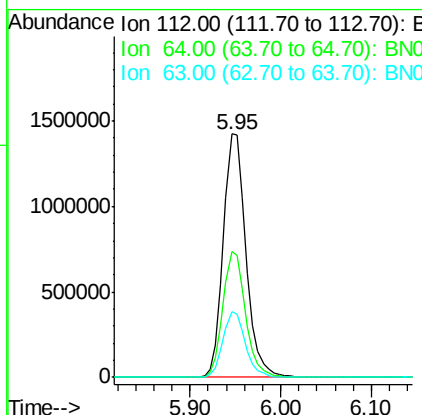
#5
2-Fluorophenol
Concen: 121.974 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	2472601		
64	51.5		56.3	84.5#
63	26.9		30.1	45.1#

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

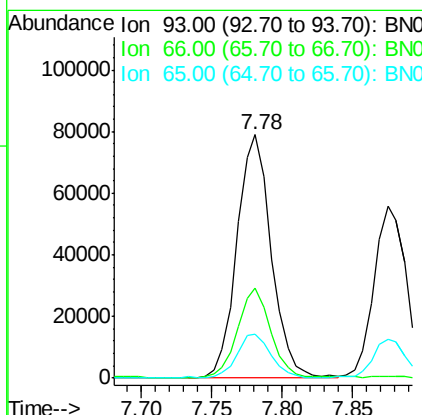
Manual Integrations
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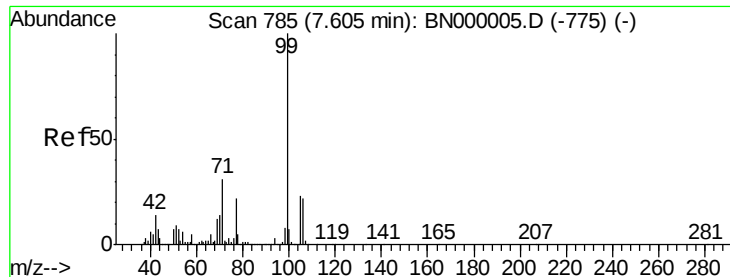
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#6
Aniline
Concen: 3.200 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134327		
66	36.9		33.7	50.5
65	18.2		16.1	24.1





#7

Phenol-d6

Concen: 115.702 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

MDL-S-02

Tot Ion: 99 Resp: 3562666

Ion Ratio Lower Upper

99 100

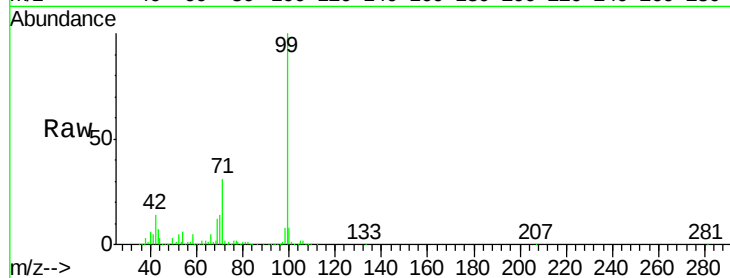
42 13.7 14.1 21.1#

71 31.3 26.1 39.1

Manual Integrations
APPROVED

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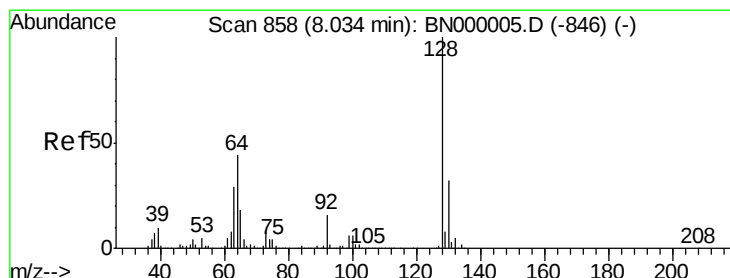
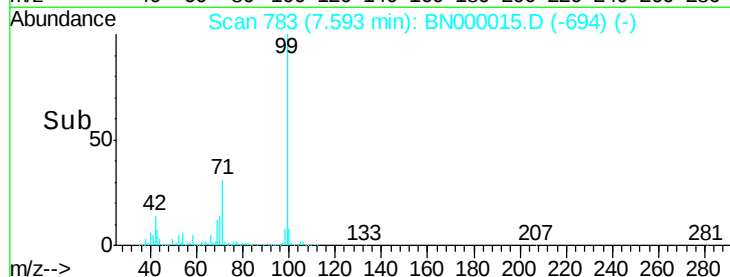
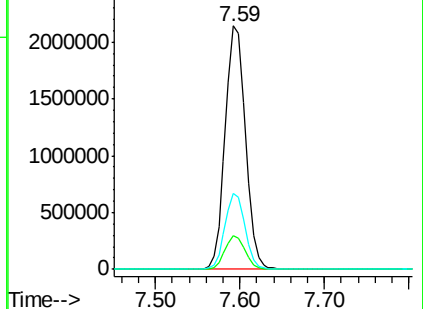
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Abundance Ion 99.00 (98.70 to 99.70): BN000005.D (-775) (-)

Ion 42.00 (41.70 to 42.70): BN000005.D (-775) (-)

Ion 71.00 (70.70 to 71.70): BN000005.D (-775) (-)



#8

2-Chlorophenol

Concen: 3.553 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

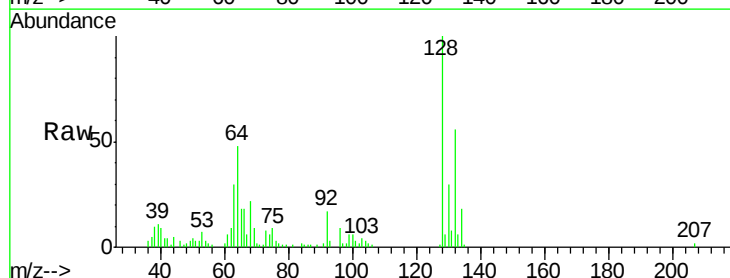
Tgt Ion: 128 Resp: 79683

Ion Ratio Lower Upper

128 100

130 29.8 14.0 54.0

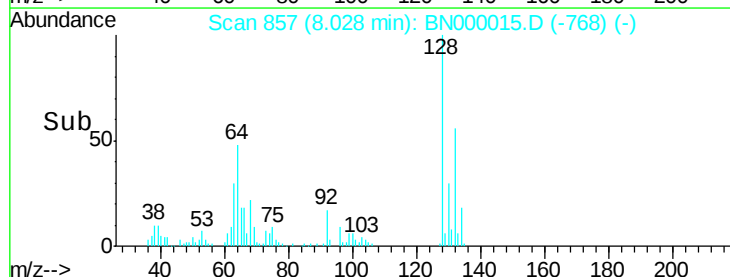
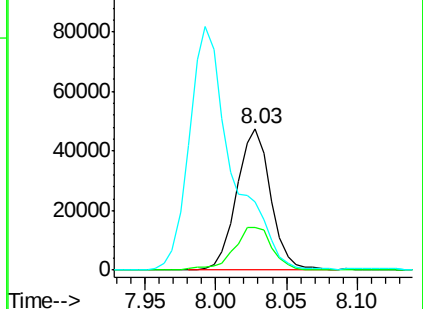
64 48.0 37.7 77.7

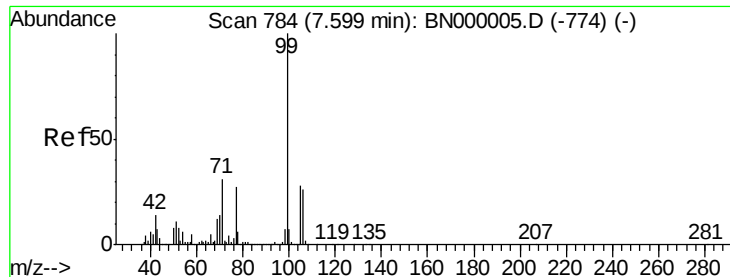


Abundance Ion 128.00 (127.70 to 128.70): BN000005.D (-846) (-)

Ion 130.00 (129.70 to 130.70): BN000005.D (-846) (-)

Ion 64.00 (63.70 to 64.70): BN000005.D (-846) (-)





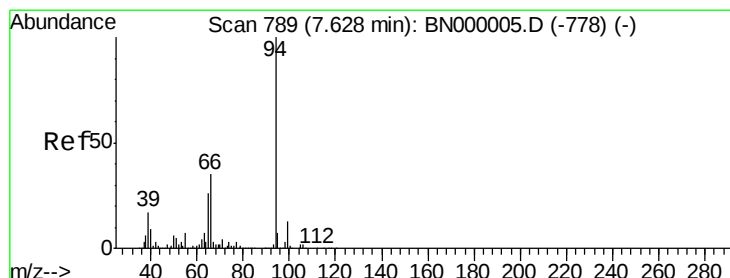
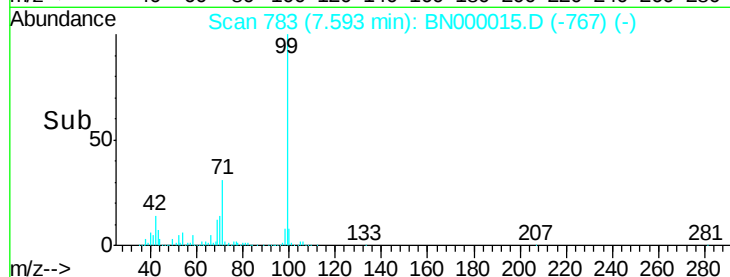
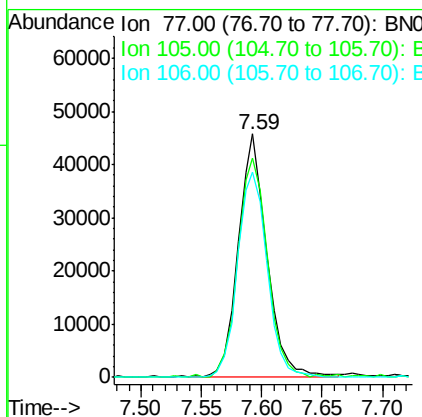
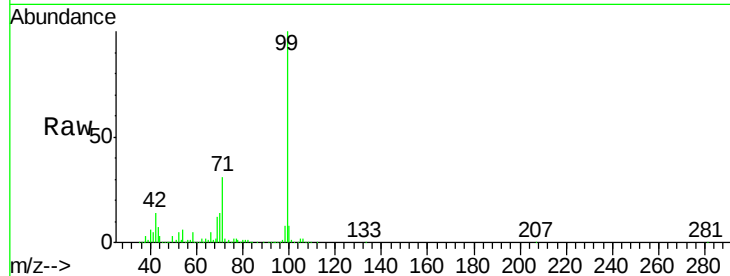
#9
Benzaldehyde
Concen: 2.371 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	71.3	111.3
106	84.5	64.2	104.2

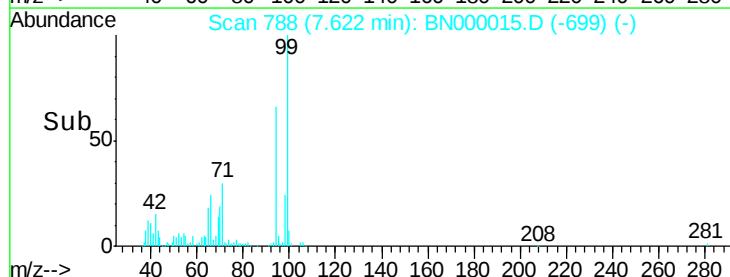
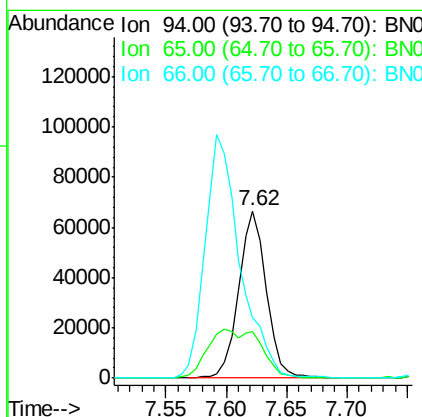
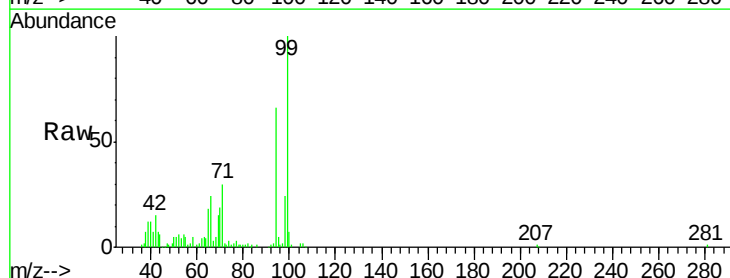
Manual Integrations
APPROVED

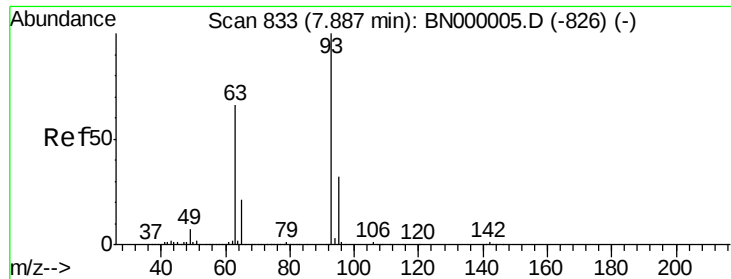
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#10
Phenol
Concen: 3.376 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	11.9	51.9
66	36.4	22.2	62.2





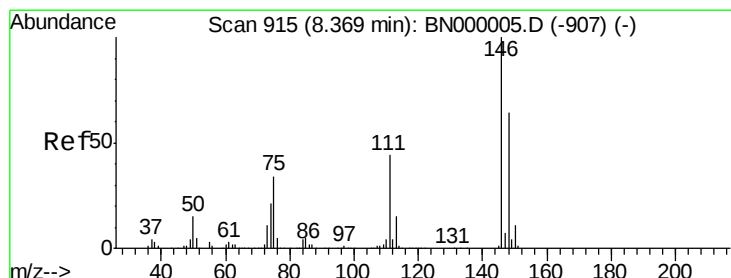
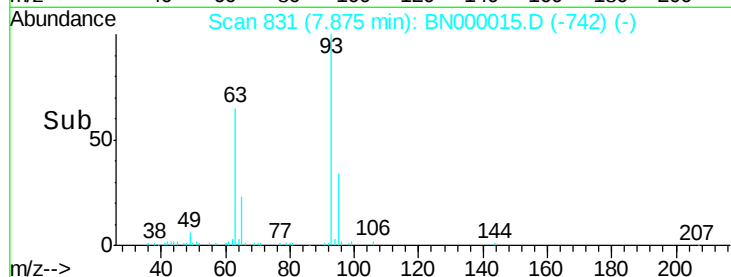
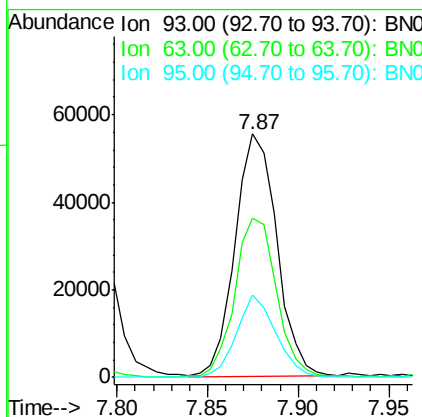
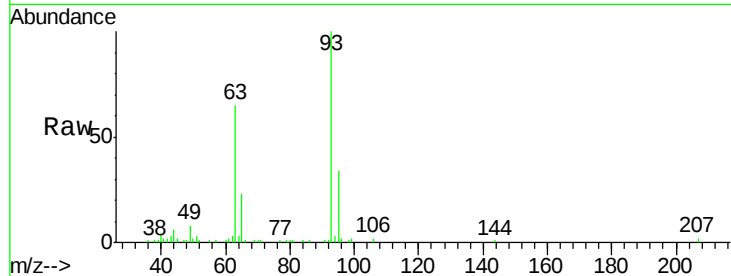
#11
bis(2-Chloroethyl)ether
Concen: 3.526 ng
RT: 7.87 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.2	67.1	107.1#
95	33.8	11.5	51.5

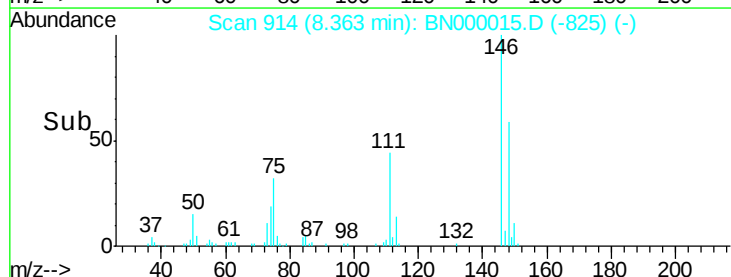
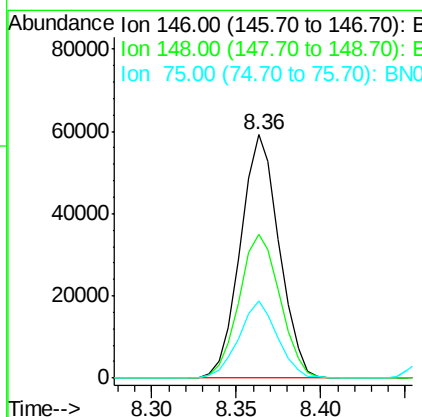
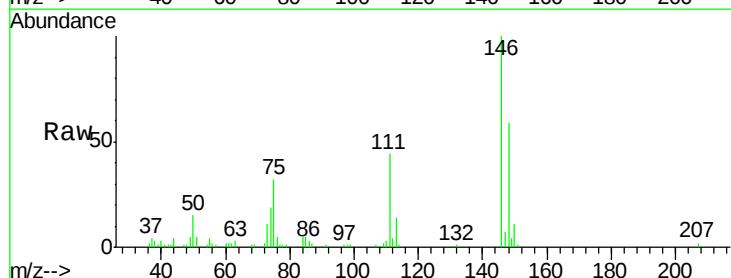
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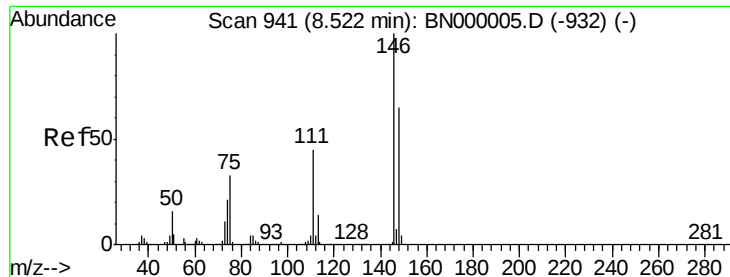
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#12
1,3-Dichlorobenzene
Concen: 3.796 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.2	51.4	77.2
75	31.8	26.6	39.8





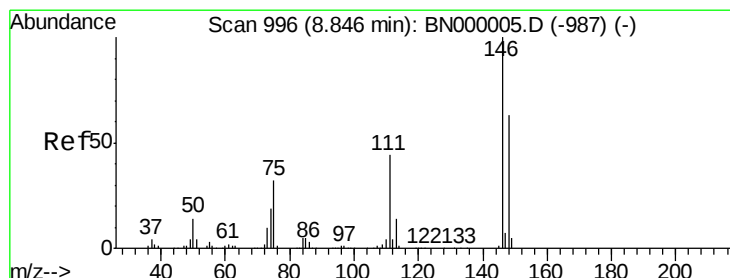
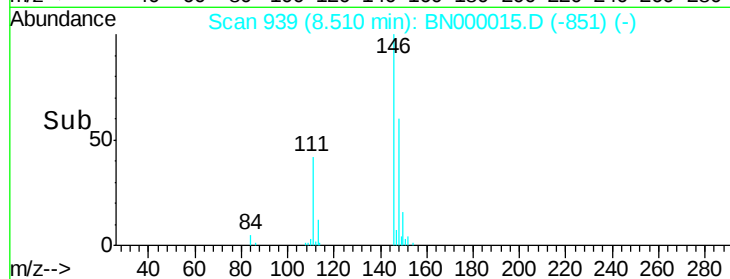
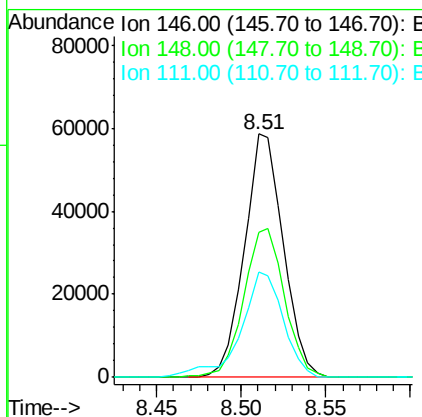
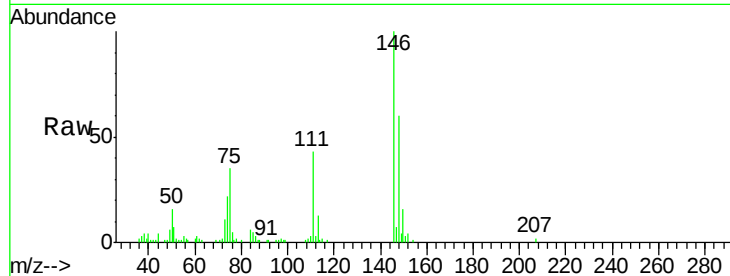
#13
1,4-Dichlorobenzene
Concen: 3.671 ng
RT: 8.51 min Scan# 939
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.7	53.7	80.5
111	43.1	35.2	52.8

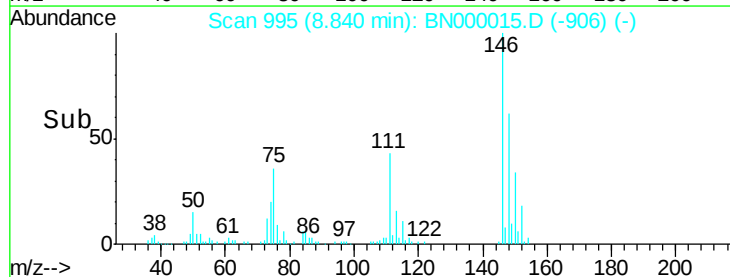
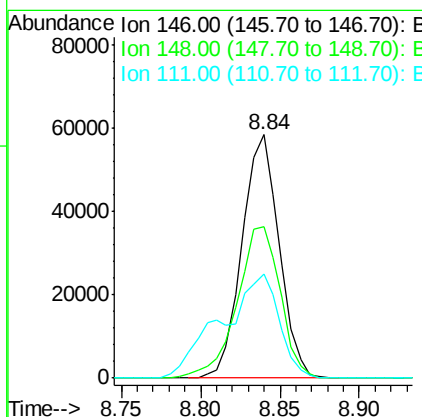
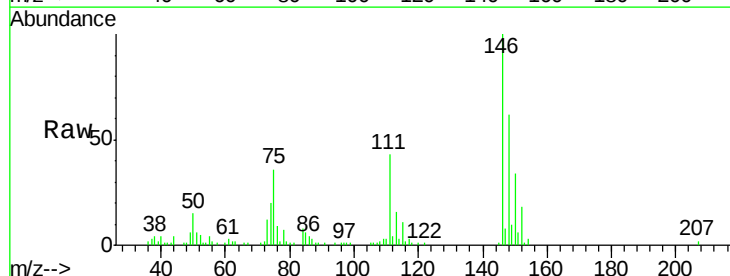
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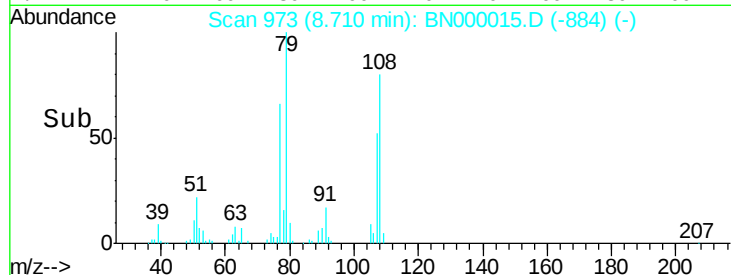
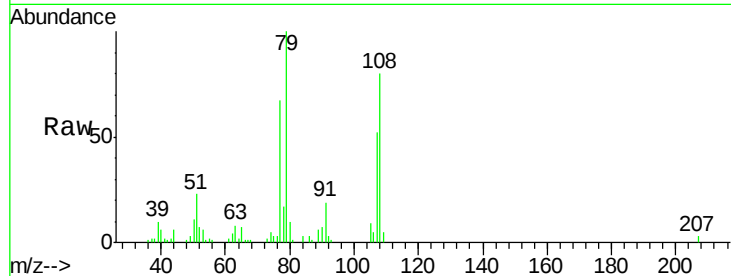
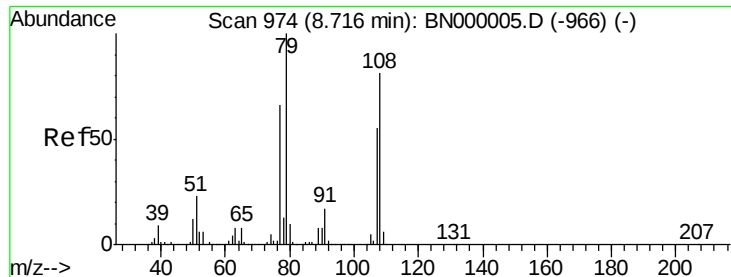
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#14
1,2-Dichlorobenzene
Concen: 3.749 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 2.658 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tot Ion:	79	Resp:	60097
Ion Ratio	Lower	Upper	
79	100		
108	80.0	57.2	85.8
77	67.1	46.1	69.1

Instrument :

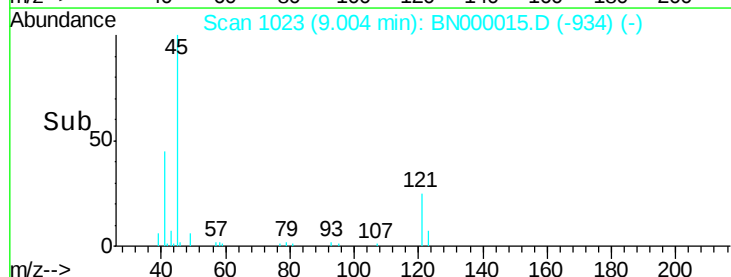
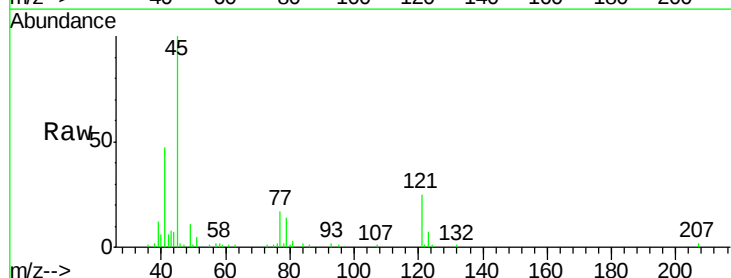
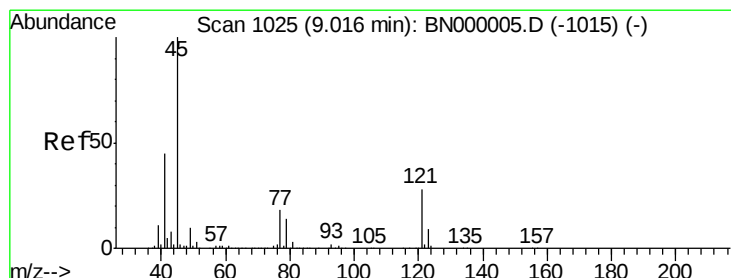
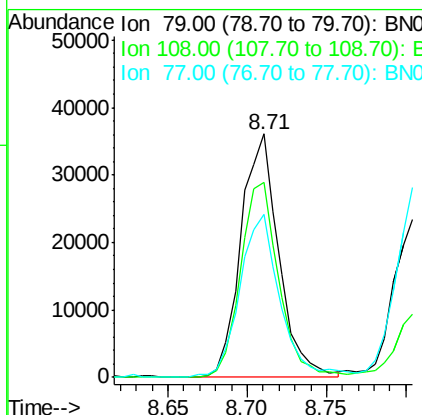
BNA_N

ClientSampled :

MDL-S-02

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.594 ng

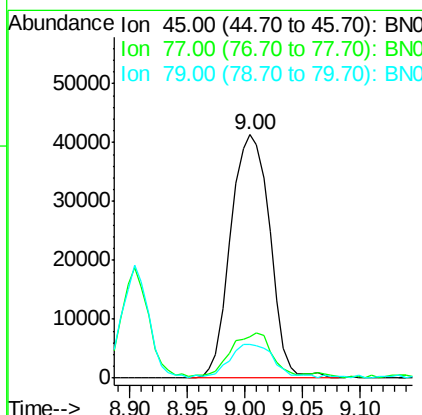
RT: 9.00 min Scan# 1023

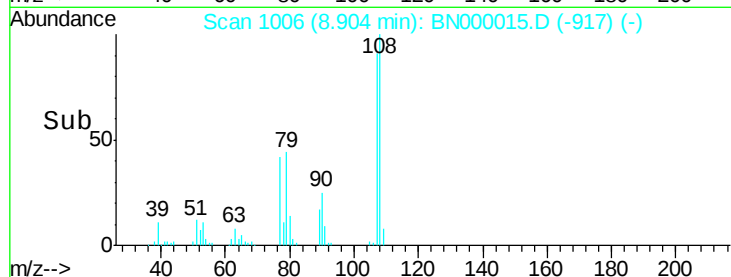
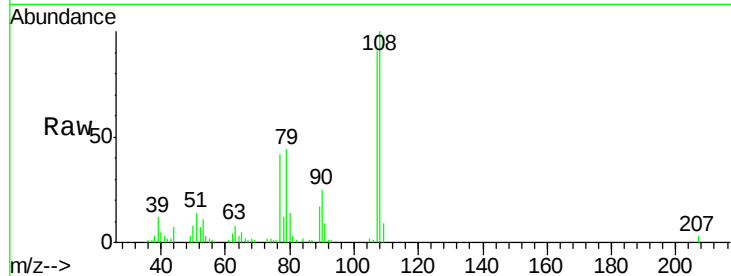
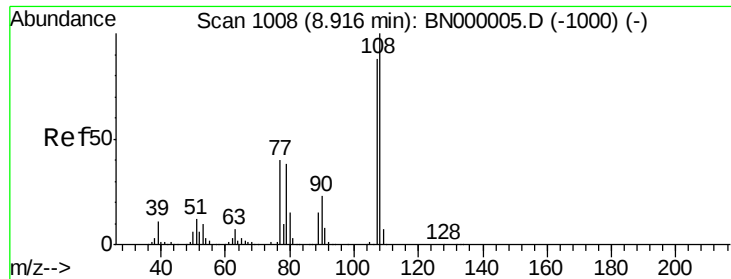
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	45	Resp:	97598
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	30.2
79	14.0	0.0	27.9





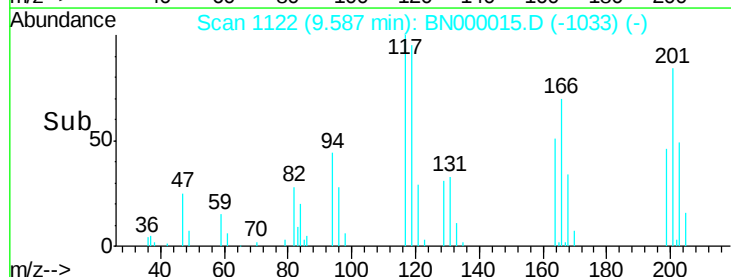
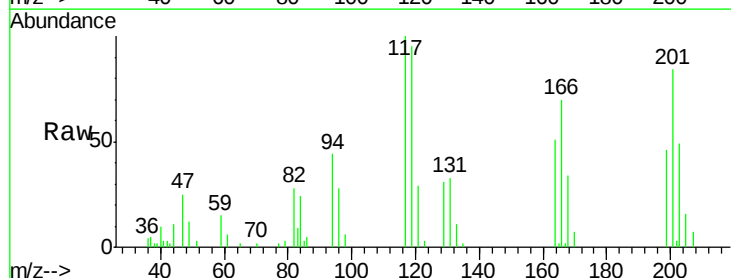
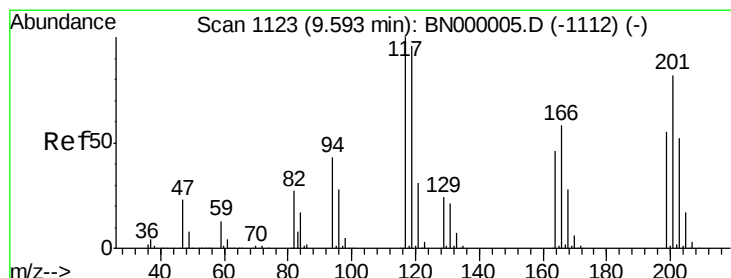
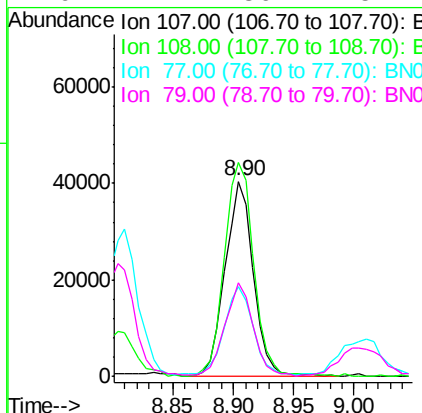
#17
2-Methylphenol
Concen: 2.895 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tot Ion	Ratio	Resp	Lower	Upper
107	100	65712		
108	109.6	83.9	125.9	
77	46.3	37.2	55.8	
79	47.7	36.2	54.2	

Instrument :
BNA_N
ClientSampled :
MDL-S-02

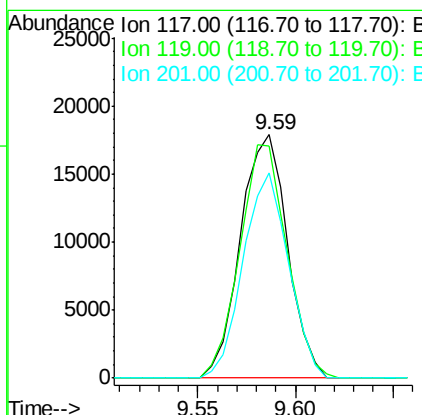
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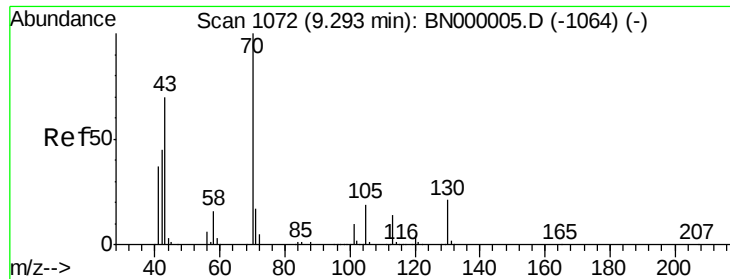
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#18
Hexachloroethane
Concen: 3.409 ng
RT: 9.59 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29895		
119	95.4	76.7	115.1	
201	84.1	95.7	143.5	





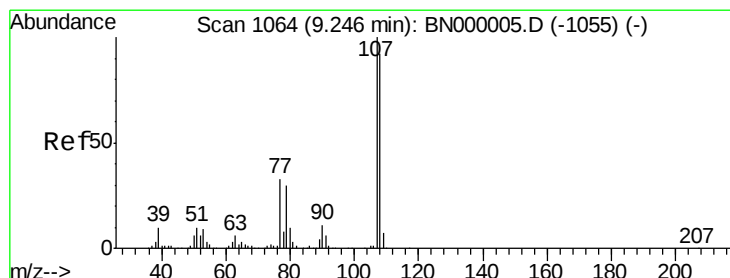
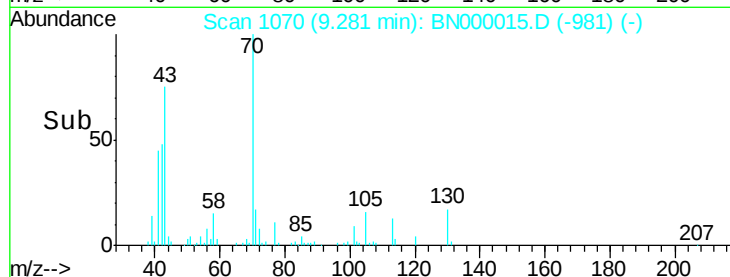
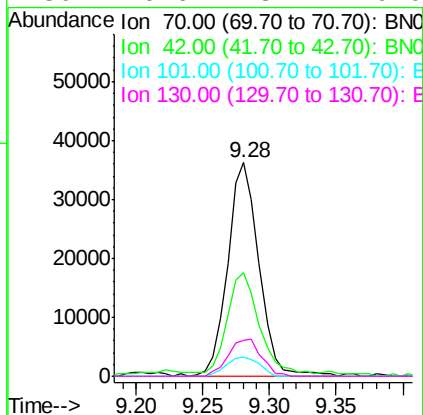
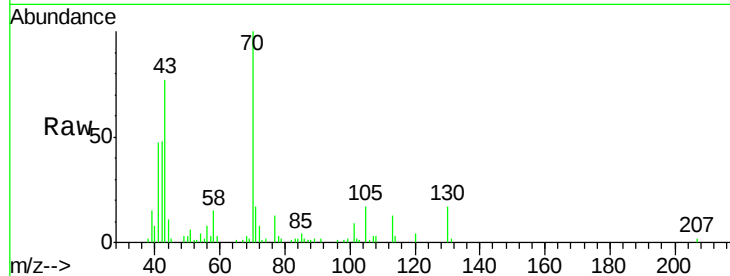
#19
n-Nitroso-di-n-propylamine
Concen: 2.856 ng
RT: 9.28 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	9.0	8.5	12.7
130	16.6	13.4	20.0

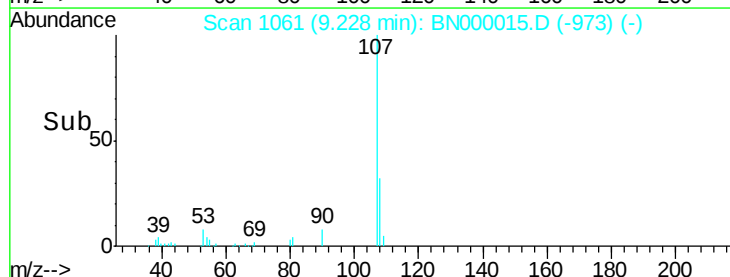
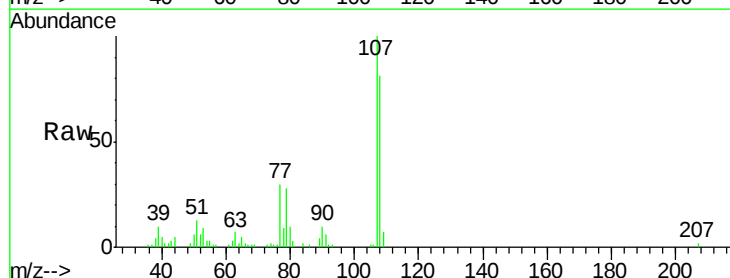
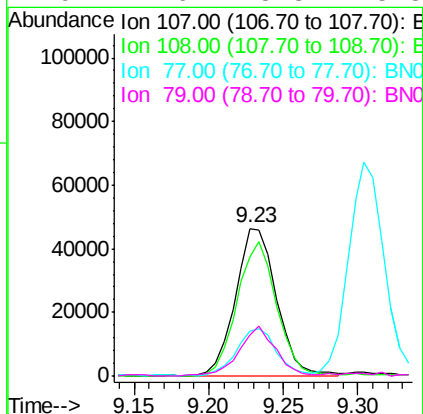
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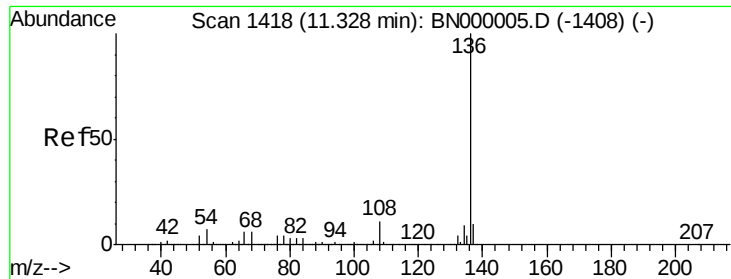
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#20
3+4-Methylphenols
Concen: 2.793 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.0	61.6	101.6
77	30.3	13.9	53.9
79	27.6	8.8	48.8





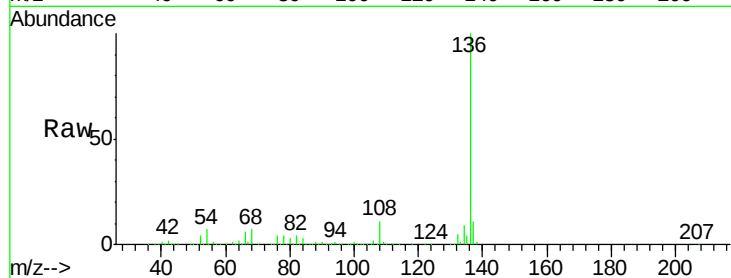
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

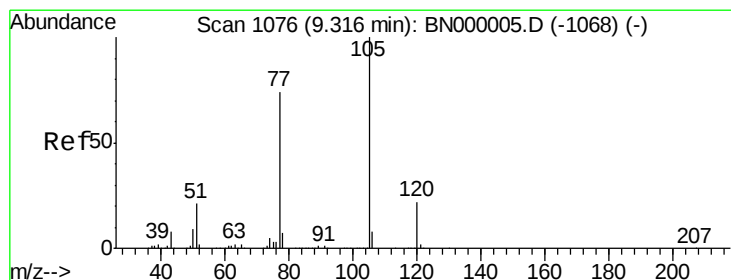
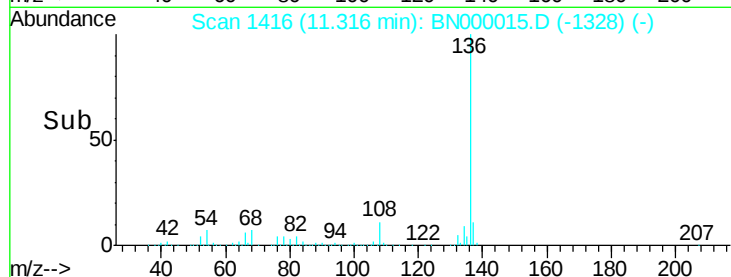
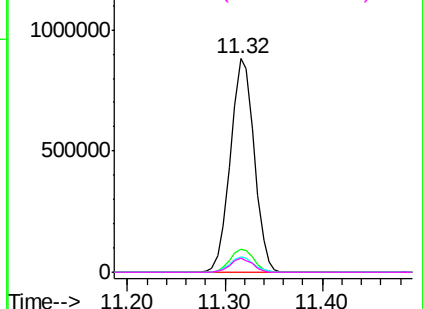
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.2	10.3	15.5#
68	6.6	4.5	6.7

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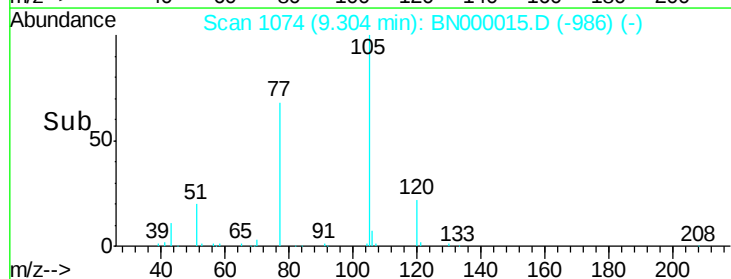
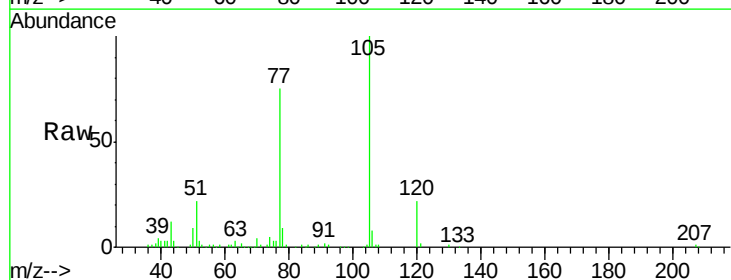
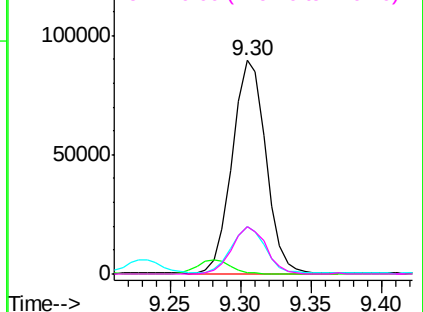
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

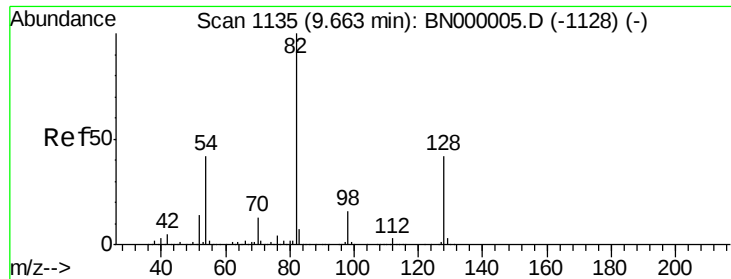


#22
Acetophenone
Concen: 3.416 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	3.0	4.4#
51	22.3	26.1	39.1#
120	22.3	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





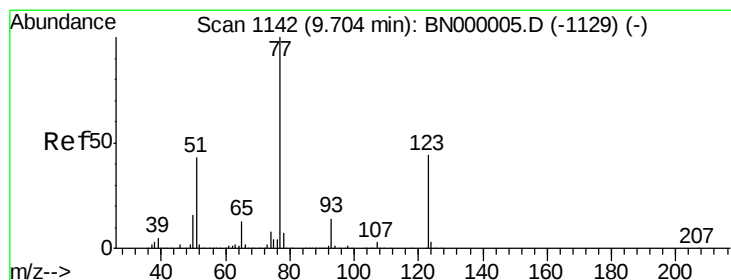
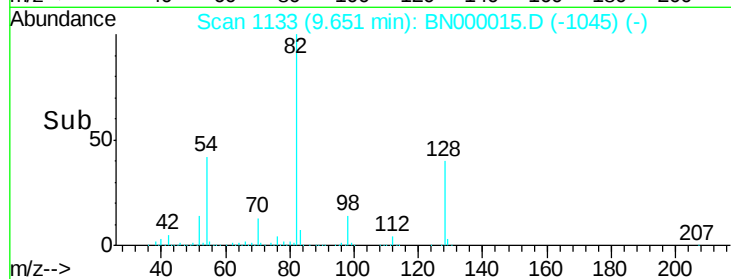
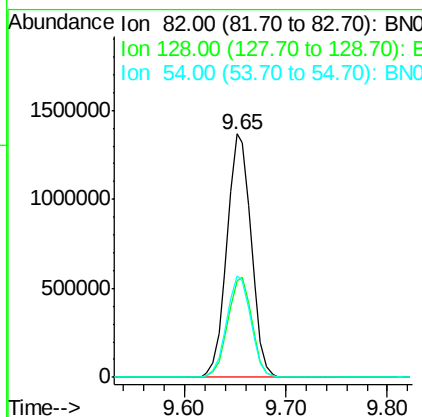
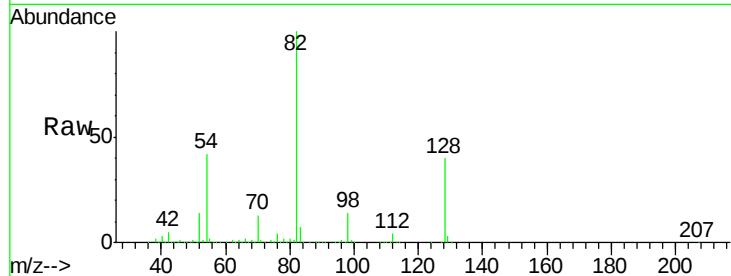
#23
Nitrobenzene-d5
Concen: 91.844 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	41.7	43.1	64.7

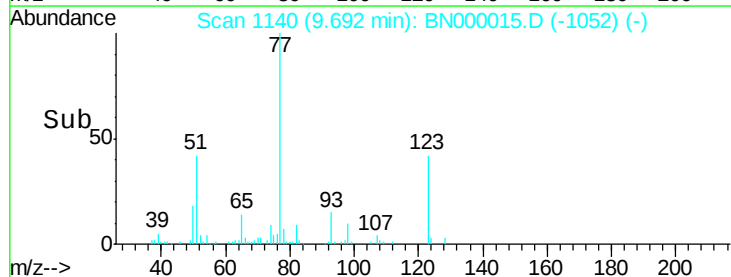
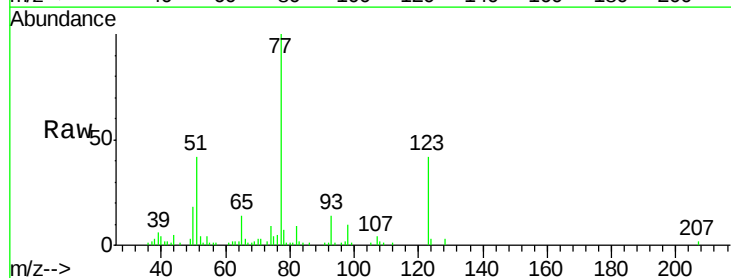
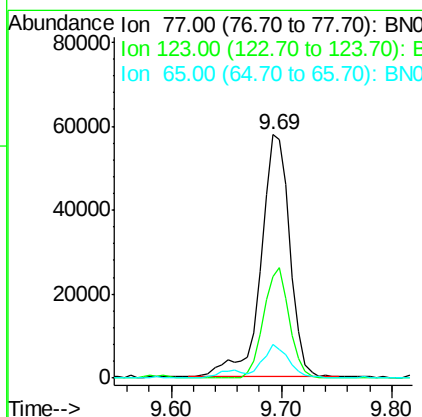
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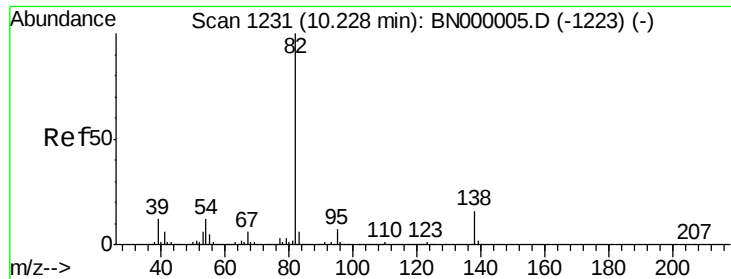
Sohil
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#24
Nitrobenzene
Concen: 3.995 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	33.0	49.6
65	14.0	13.0	19.6





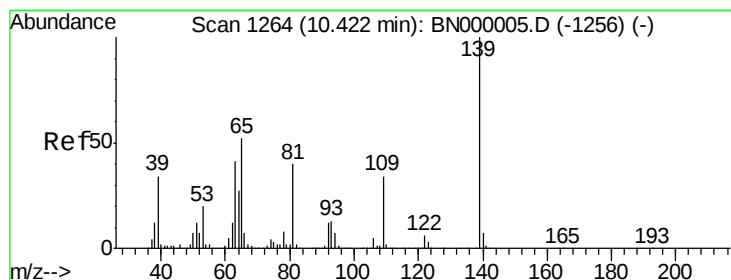
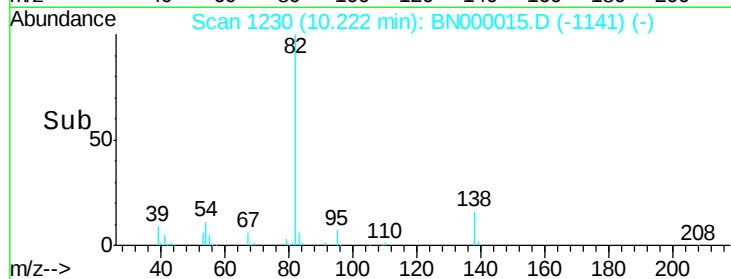
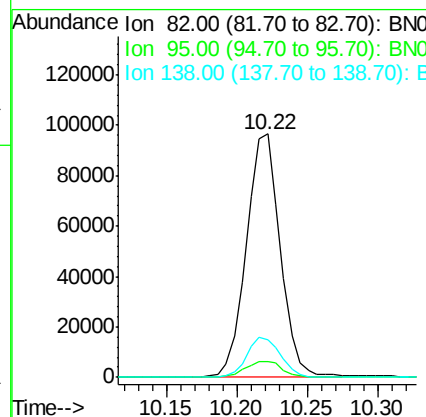
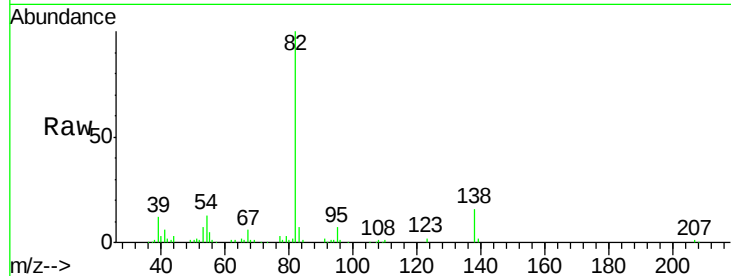
#25
Isophorone
Concen: 2.787 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
82	100	162630		
95	6.7		6.2	9.2
138	15.7		12.1	18.1

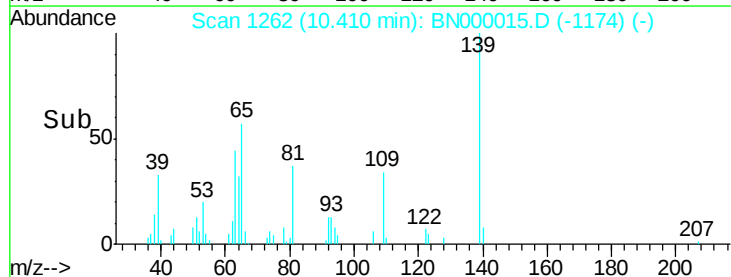
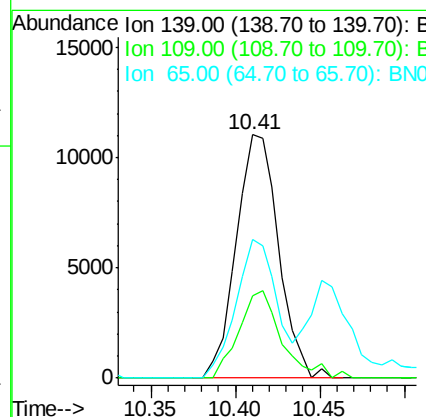
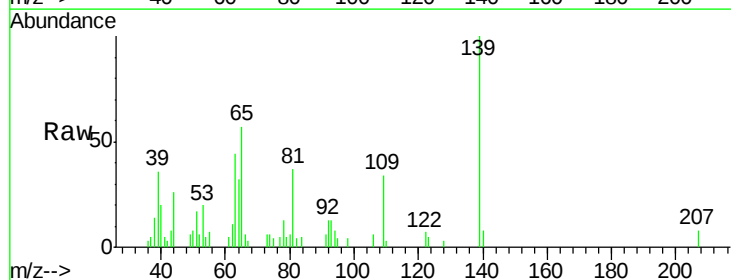
Manual Integrations
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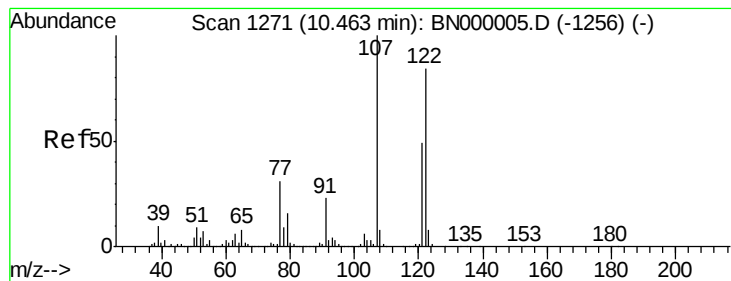
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#26
2-Nitrophenol
Concen: 2.083 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	19247		
109	33.6		24.2	36.2
65	56.8		47.4	71.0





#27

2,4-Dimethylphenol

Concen: 3.347 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

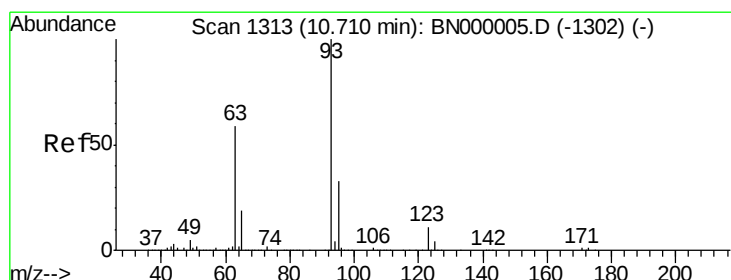
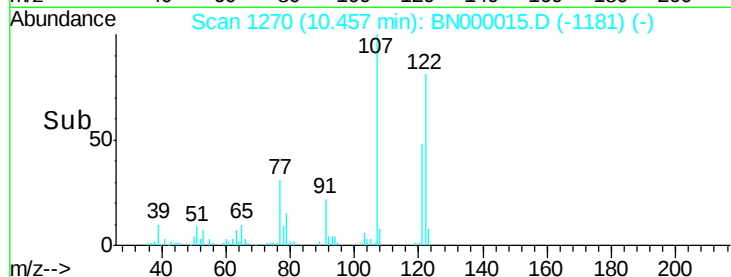
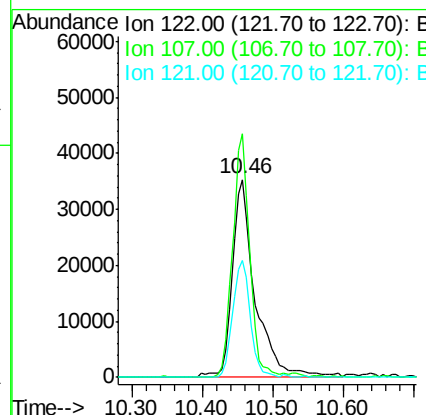
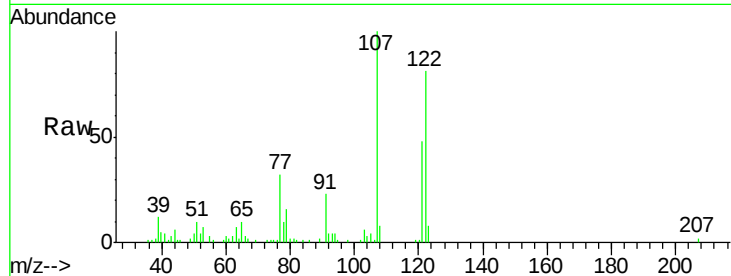
ClientSampled :

MDL-S-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.2	100.2	150.2		
121	59.1	44.4	66.6		

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#28

bis(2-Chloroethoxy)methane

Concen: 3.387 ng

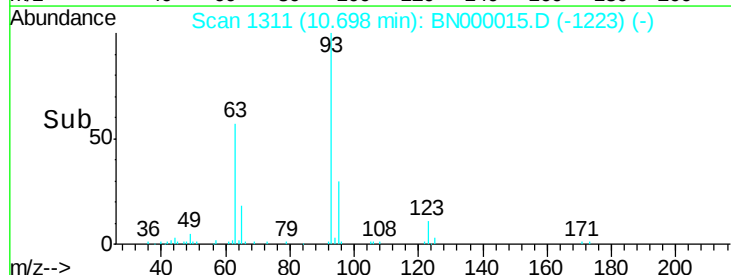
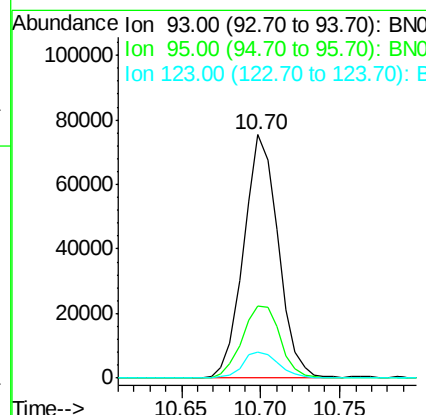
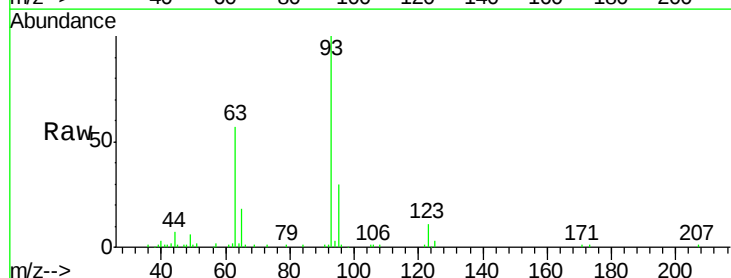
RT: 10.70 min Scan# 1311

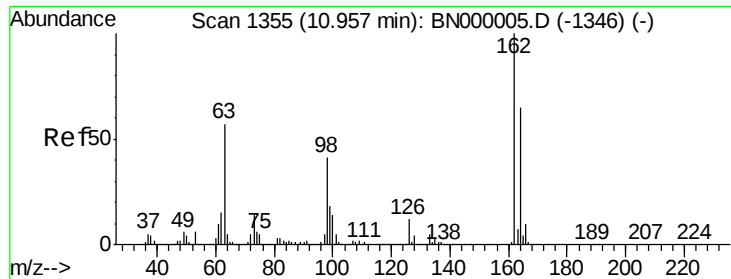
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	29.8	24.3	36.5		
123	10.8	8.4	12.6		





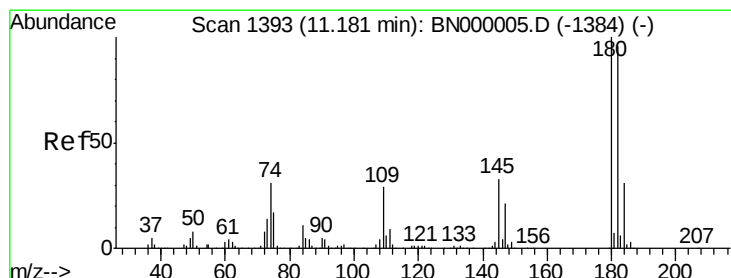
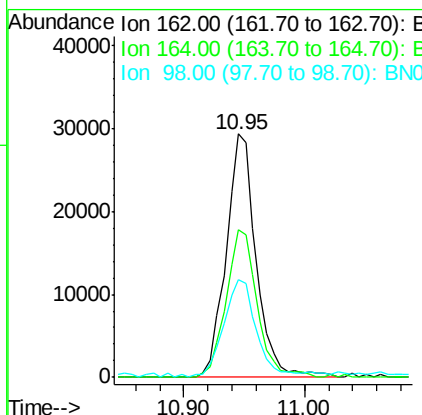
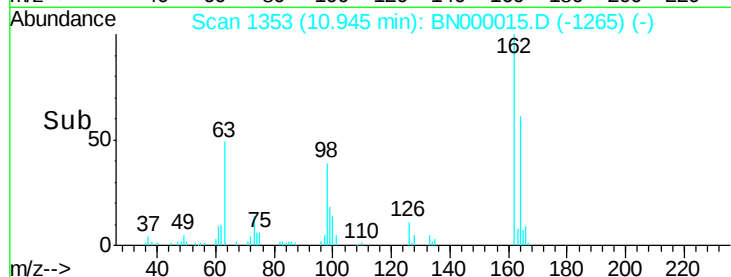
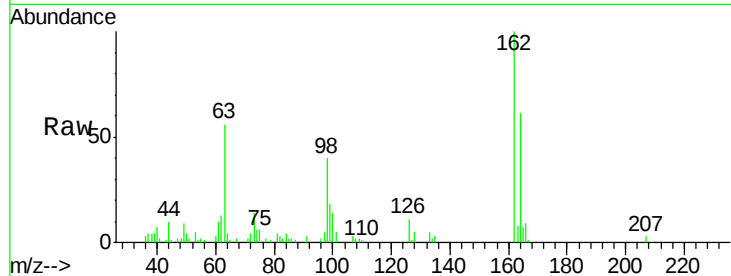
#29
2,4-Dichlorophenol
Concen: 2.474 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
162	100	50791		
164	60.8	48.0	88.0	
98	40.2	21.1	61.1	

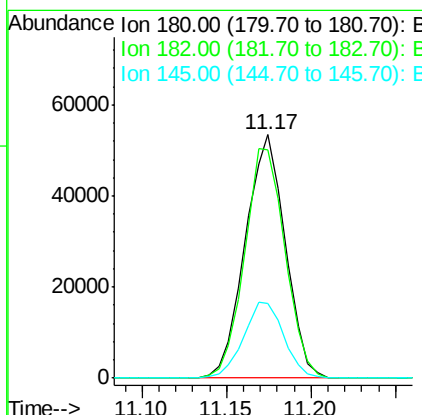
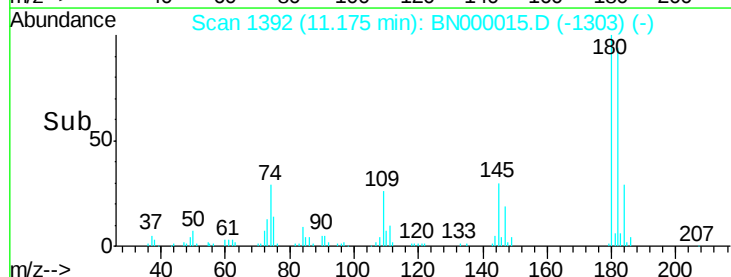
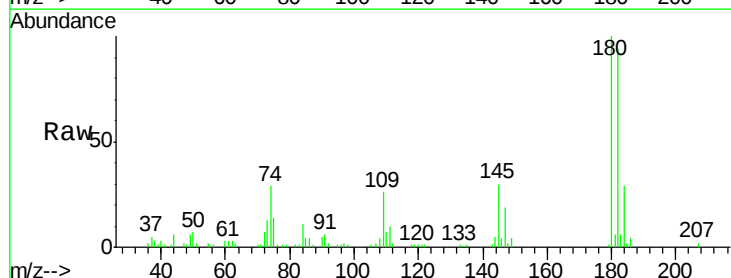
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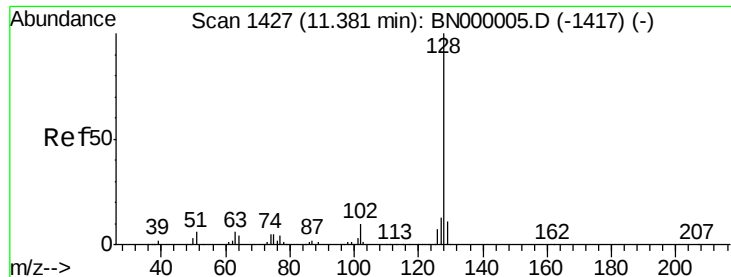
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#30
1,2,4-Trichlorobenzene
Concen: 3.669 ng
RT: 11.17 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88211		
182	93.8	77.5	116.3	
145	30.4	23.4	35.2	





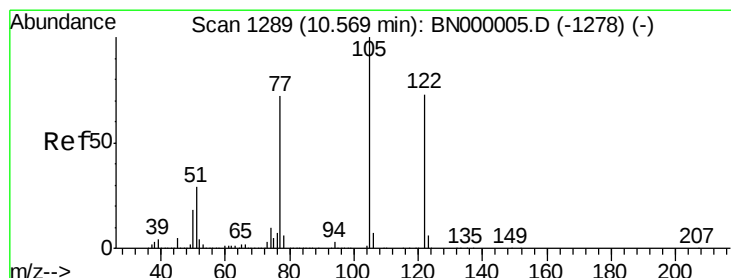
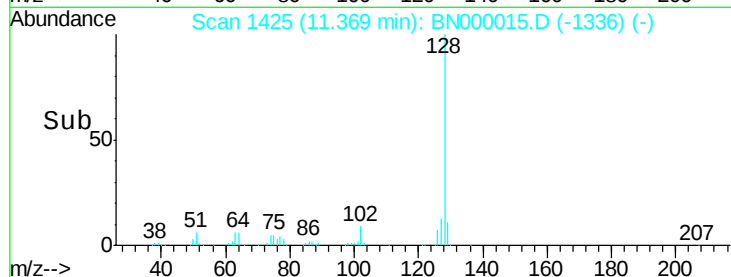
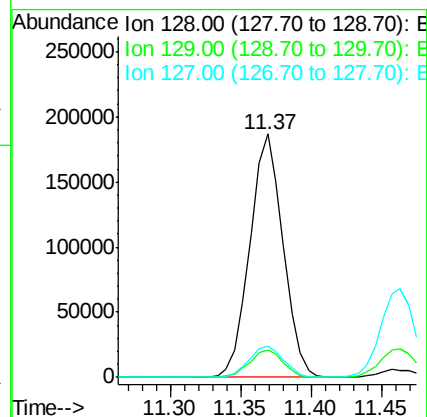
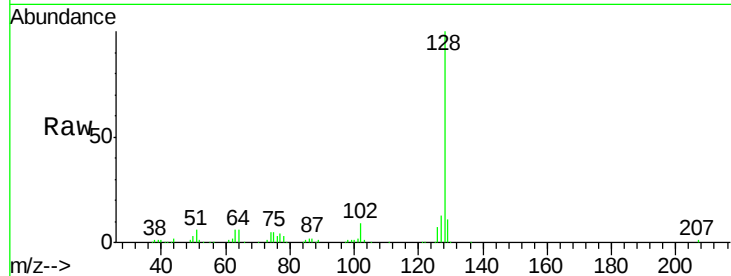
#31
Naphthalene
Concen: 3.690 ng
RT: 11.37 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleID :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.9	11.6	17.4

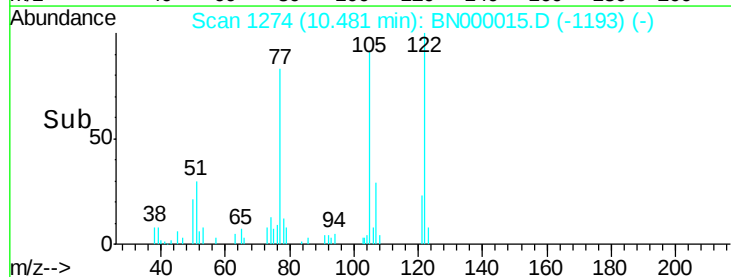
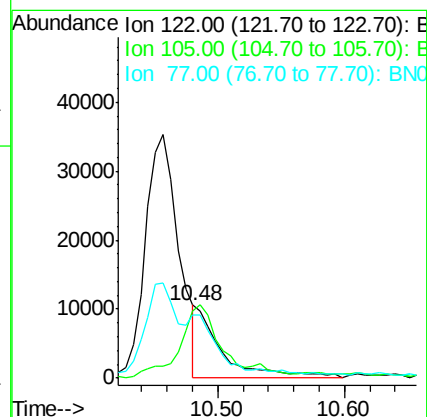
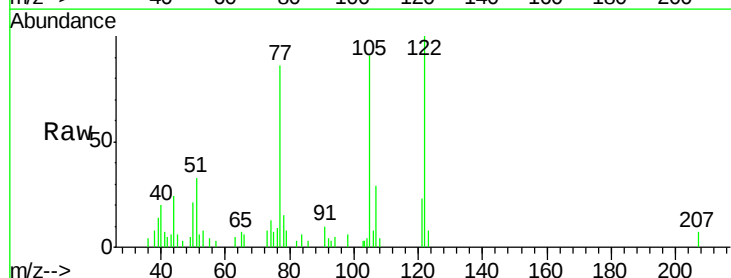
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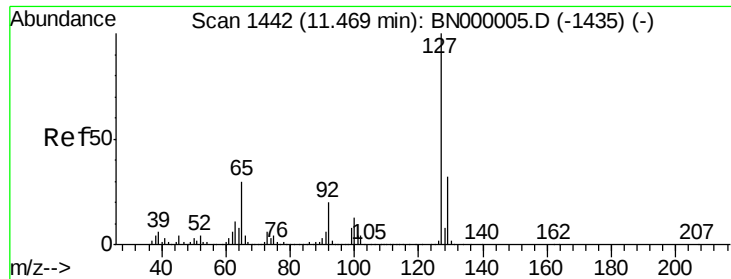
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#32
Benzoic acid
Concen: 7.470 ng m
RT: 10.48 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.3	123.5	163.5#
77	86.0	85.7	125.7





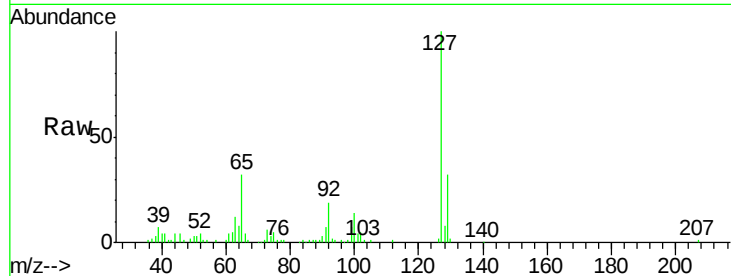
#33
4-Chloroaniline
Concen: 3.030 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		117380		
129	32.2		24.0	36.0	
65	31.6		27.0	40.4	
92	18.6		16.6	25.0	

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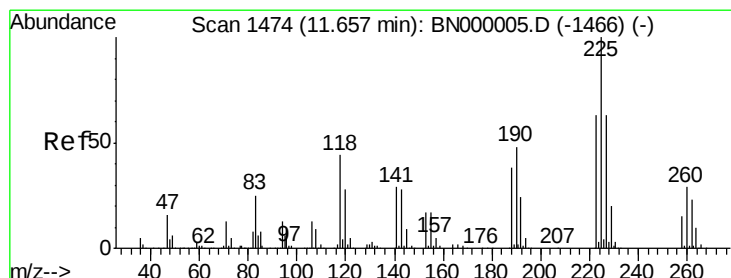
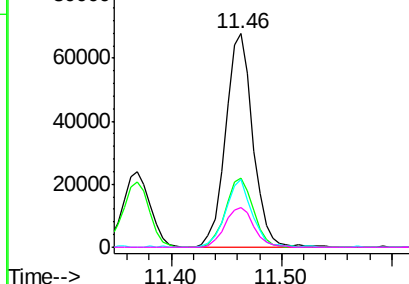
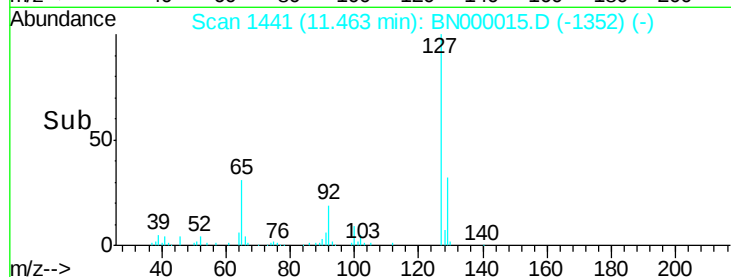
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

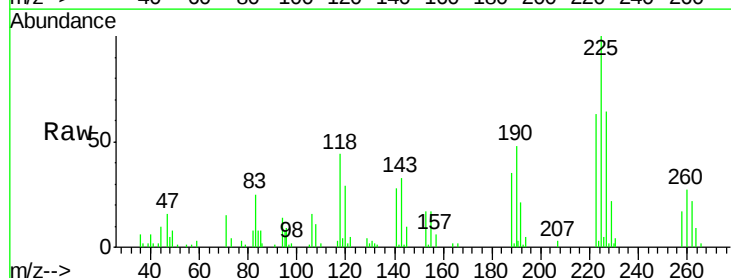
Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#34
Hexachlorobutadiene
Concen: 3.766 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		46136		
223	62.6		49.7	74.5	
227	64.2		48.1	72.1	

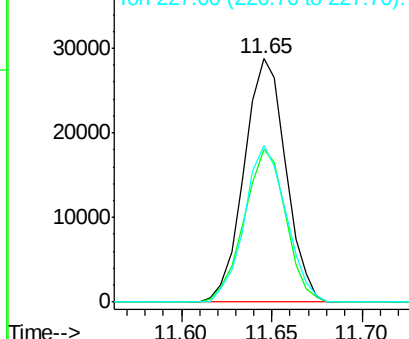
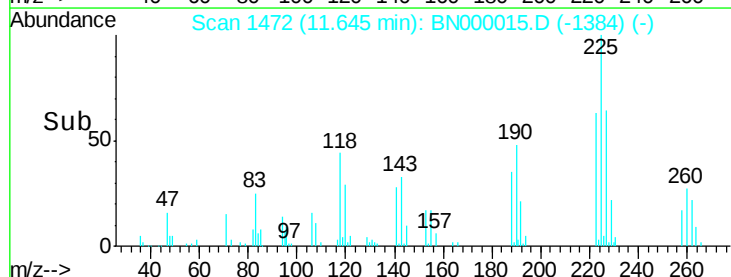


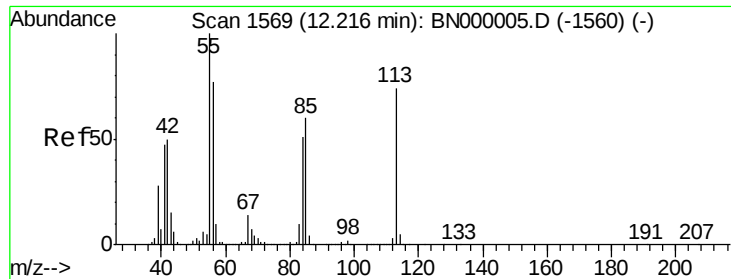
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 1.767 ng

RT: 12.18 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

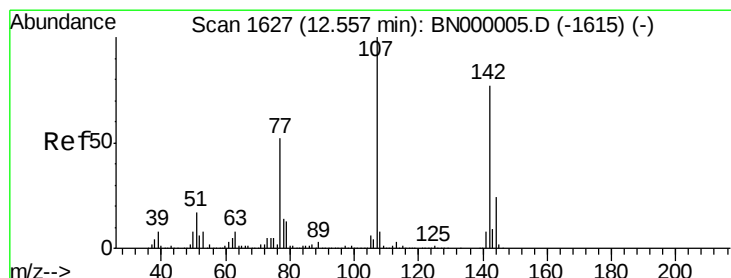
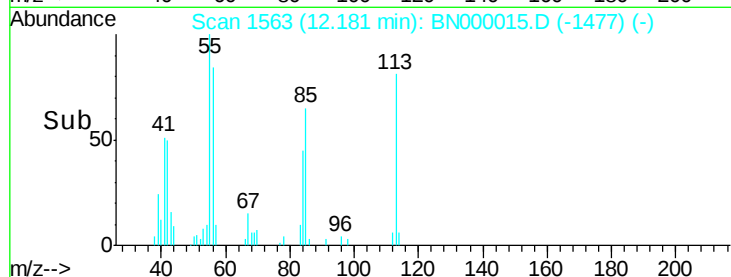
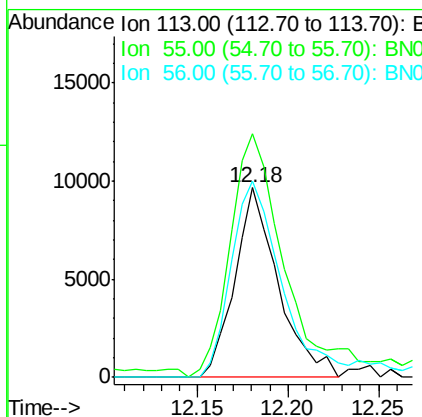
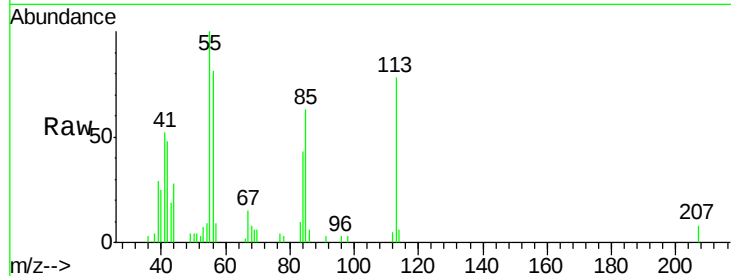
ClientSampleId :

MDL-S-02

Tot Ion:	113	Resp:	16129
Ion	Ratio	Lower	Upper
113	100		
55	128.5	120.0	160.0
56	103.7	90.0	130.0

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#36

4-Chloro-3-methylphenol

Concen: 2.270 ng

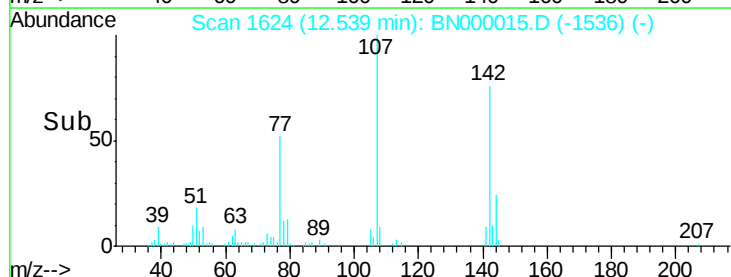
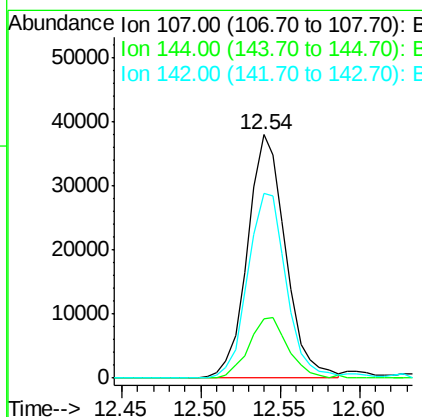
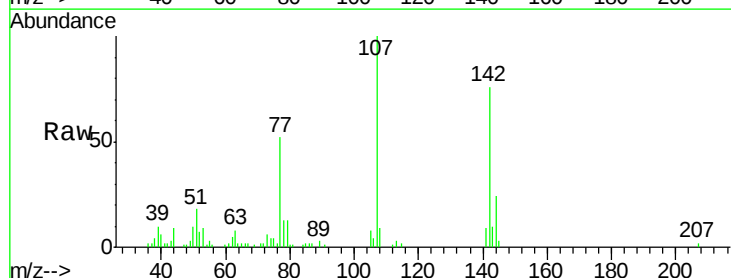
RT: 12.54 min Scan# 1624

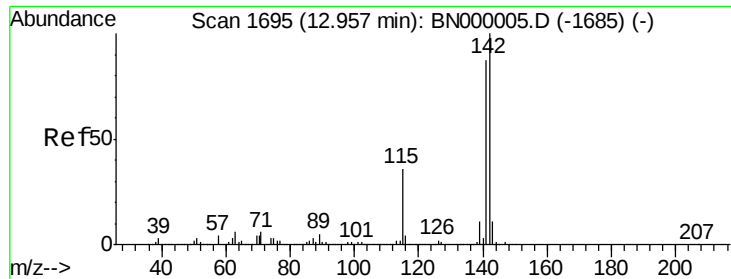
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	107	Resp:	63364
Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.2	27.4
142	75.7	59.0	88.4





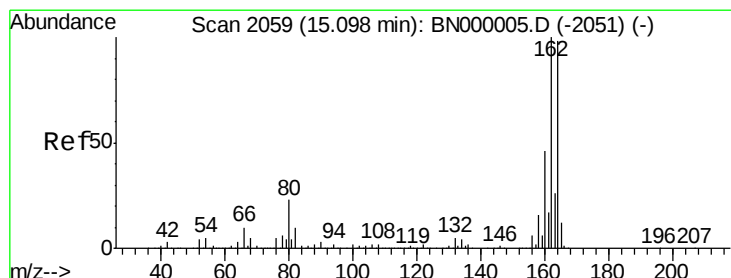
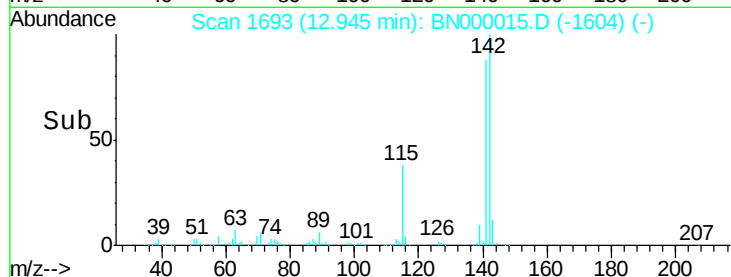
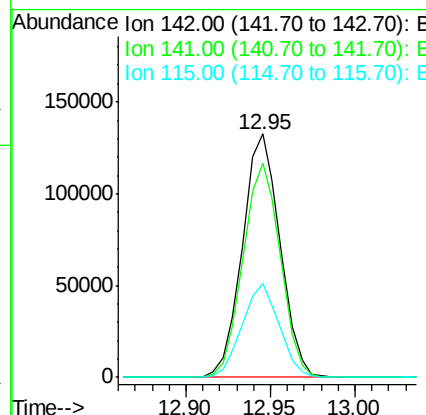
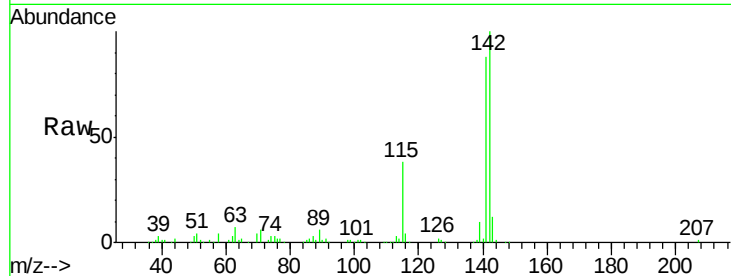
#37
2-Methylnaphthalene
Concen: 3.469 ng
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.1	100.7
115	38.4	30.7	46.1

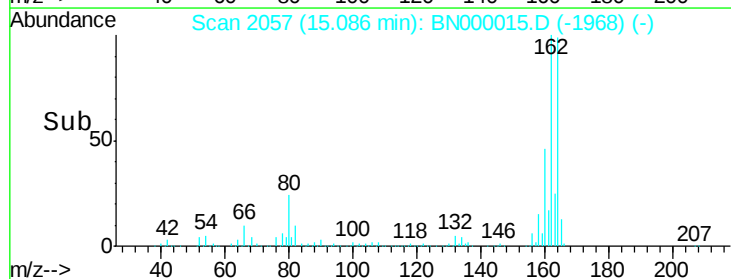
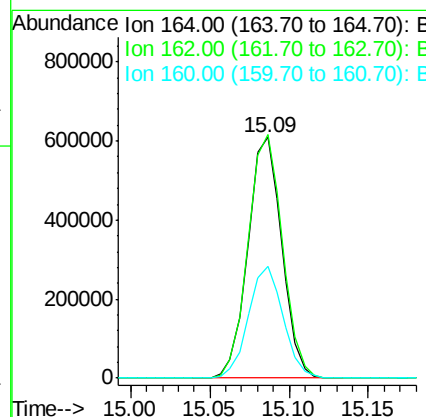
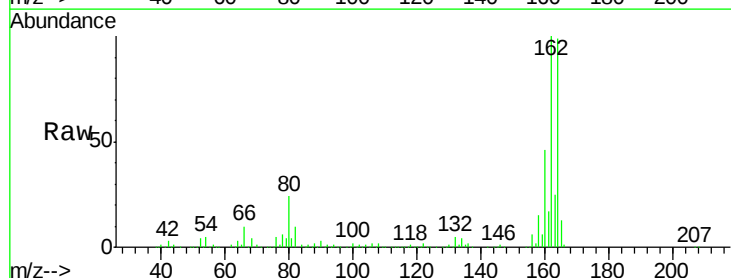
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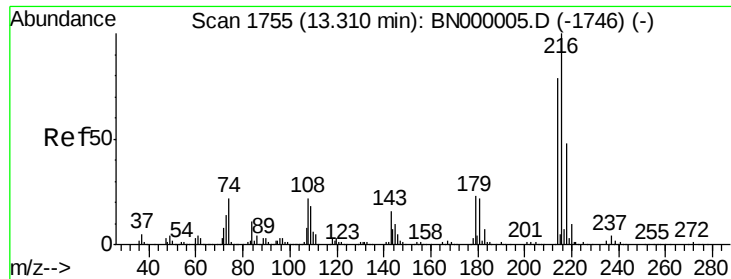
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	46.4	35.4	53.0





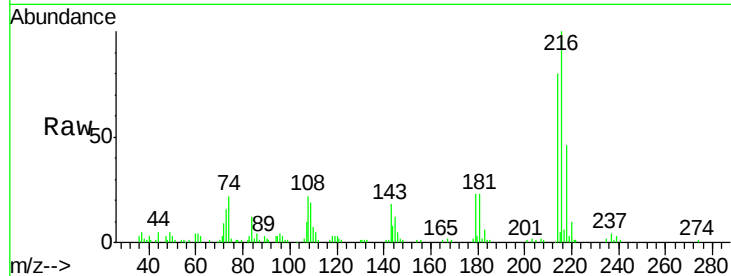
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.799 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.0	17.0	25.6
108	24.3	12.8	19.2

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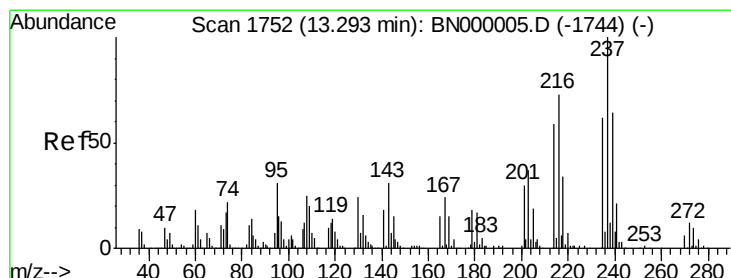
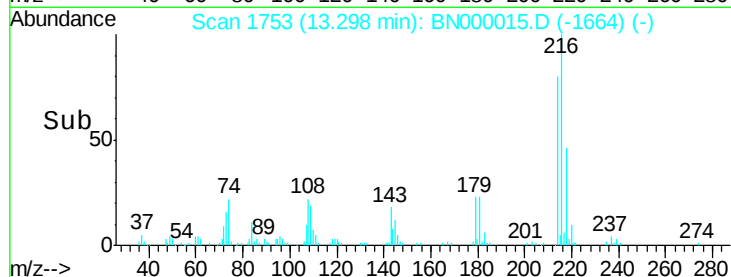
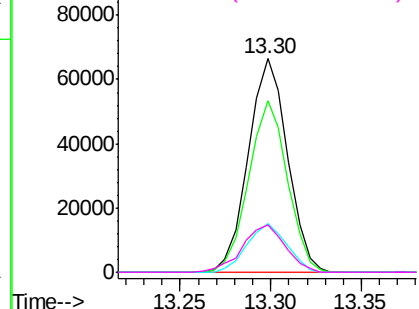
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

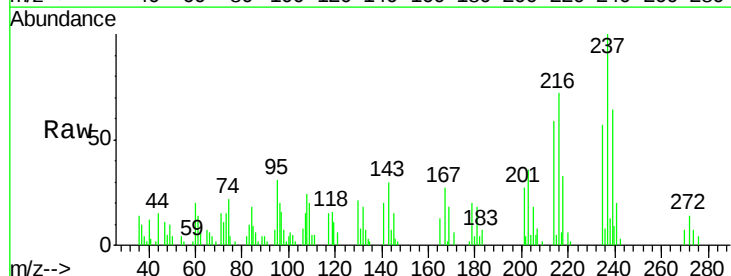
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 3.034 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.3	50.4	90.4
272	13.9	0.0	31.8

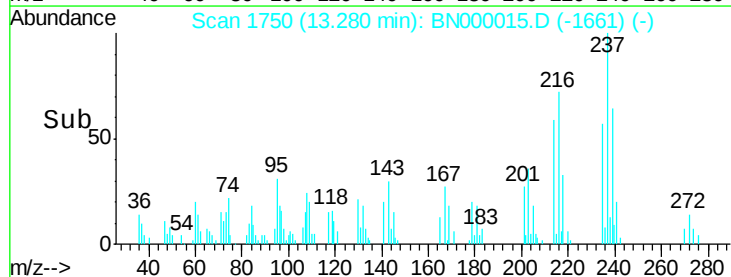
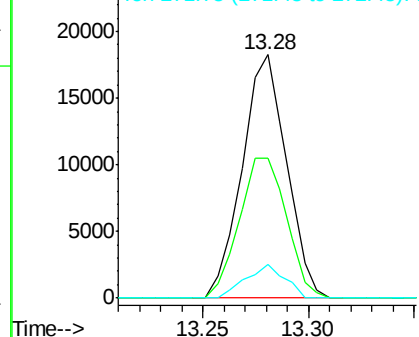


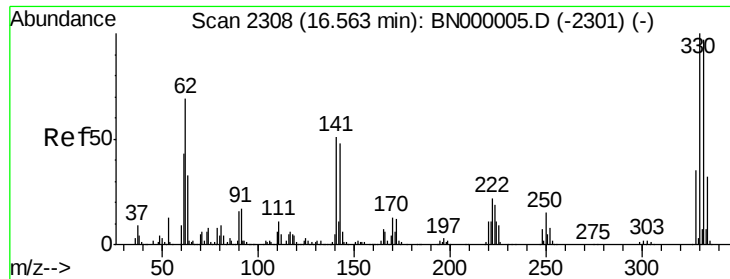
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





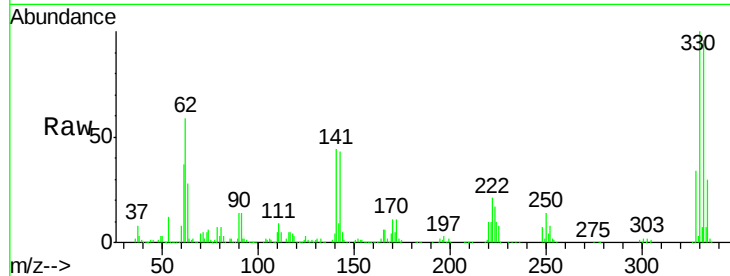
#41
 2,4,6-Tribromophenol
 Concen: 123.372 ng
 RT: 16.56 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

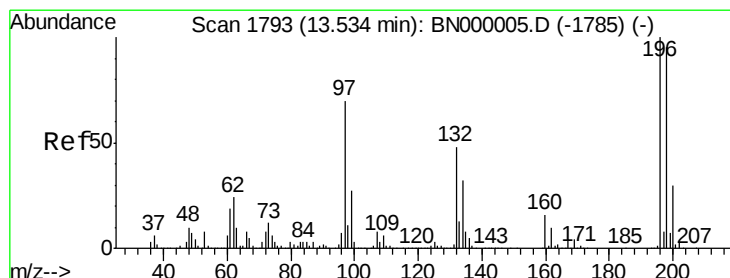
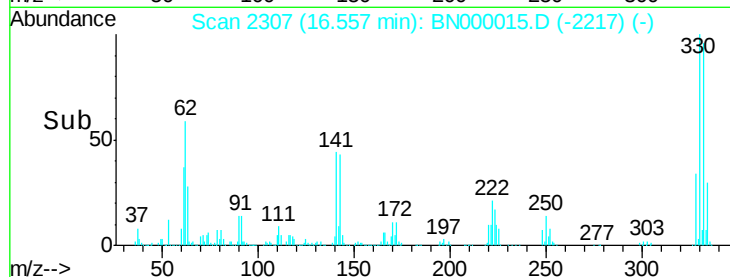
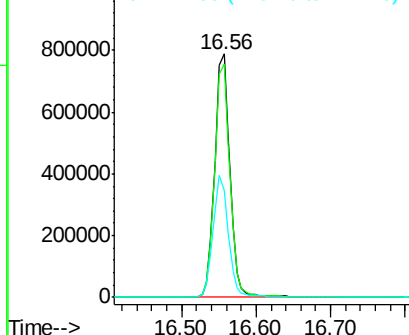
Tot Ion:330 Resp: 1119068
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 50.4 25.2 37.8#

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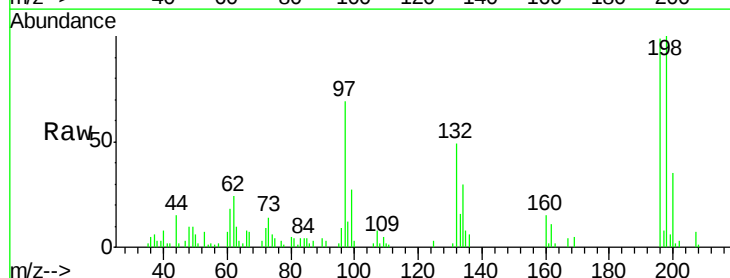


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

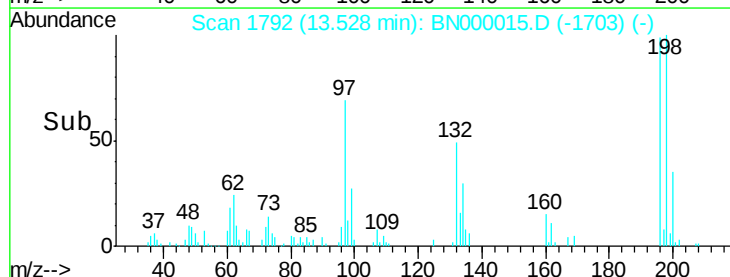
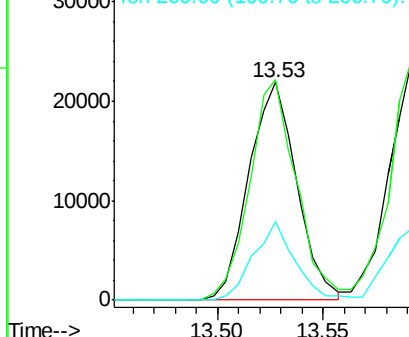


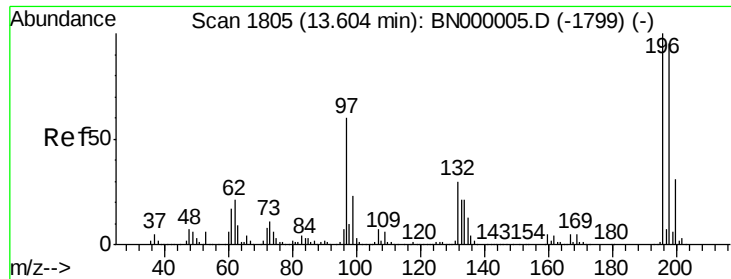
#42
 2,4,6-Trichlorophenol
 Concen: 2.217 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion:196 Resp: 34439
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.2 117.2
 200 36.0 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





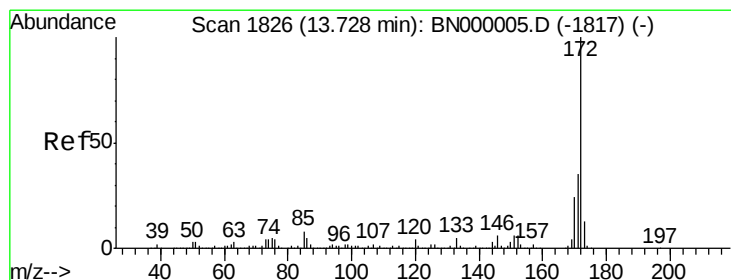
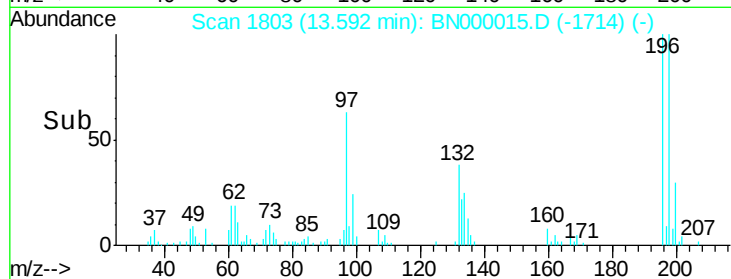
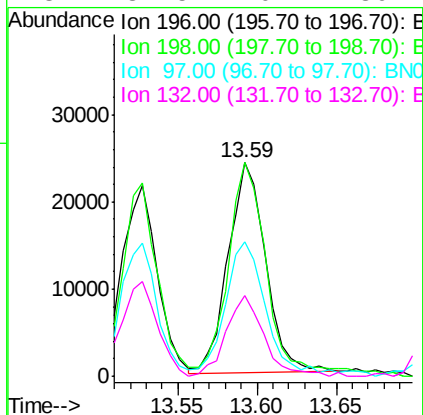
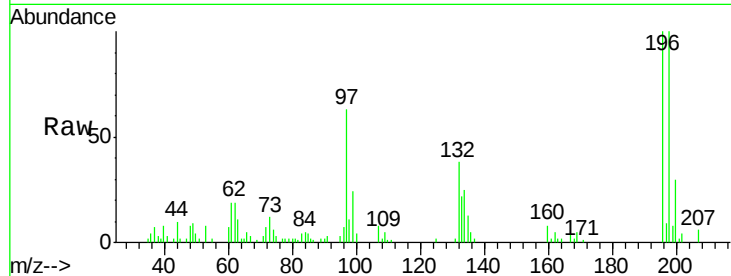
#43
2,4,5-Trichlorophenol
Concen: 2.163 ng
RT: 13.59 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
97	63.0	38.7	58.1
132	37.5	20.2	30.2

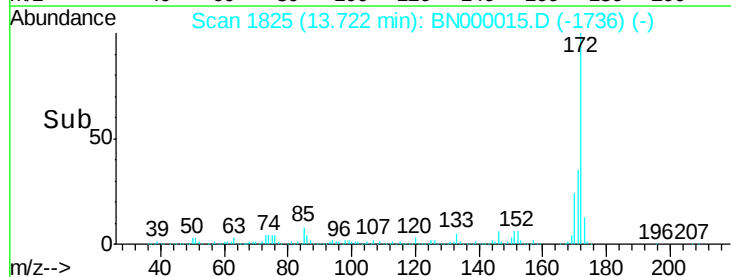
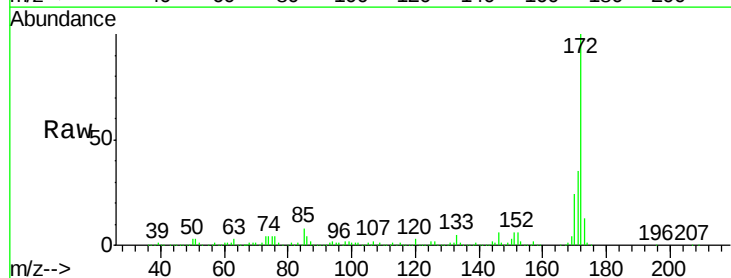
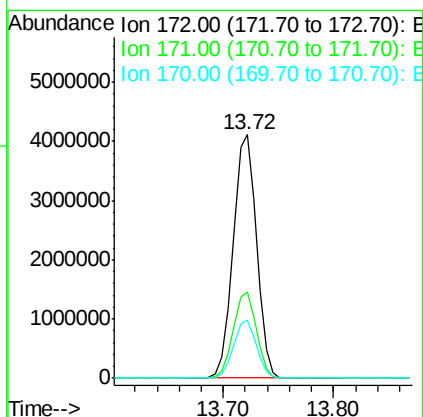
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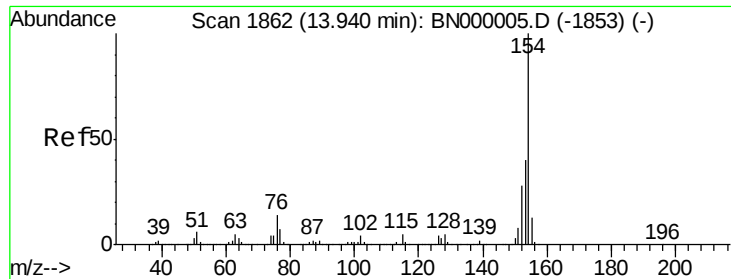
Sohil
2/6/2018 5:15:23 PM



#44
2-Fluorobiphenyl
Concen: 90.947 ng
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.8	19.5	29.3





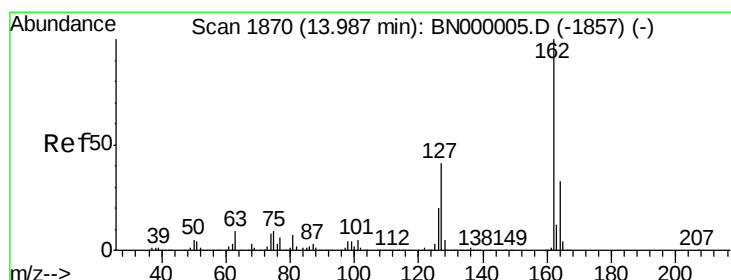
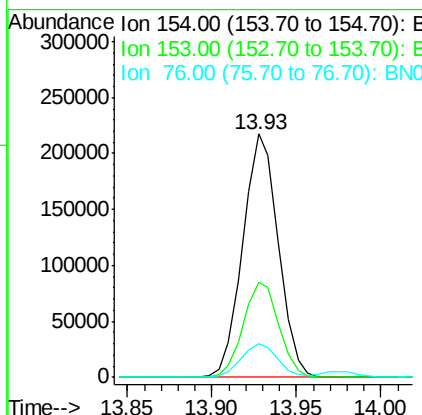
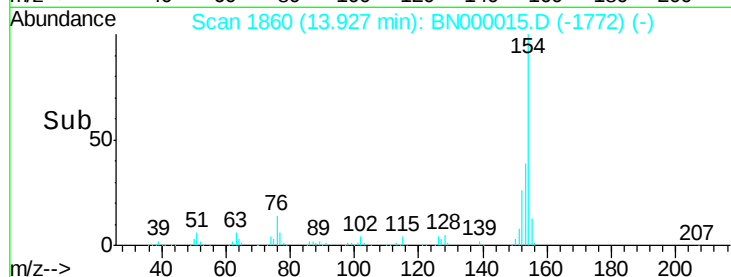
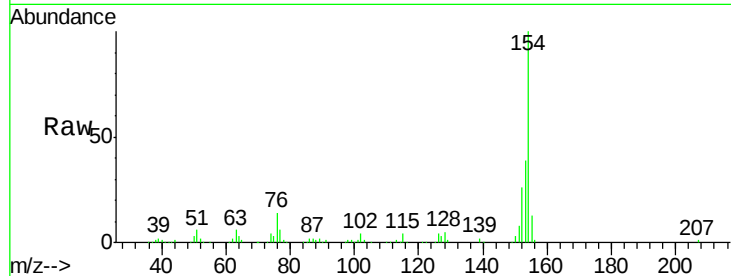
#45
1,1'-Biphenyl
Concen: 3.948 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.8	59.8
76	14.0	0.0	31.9

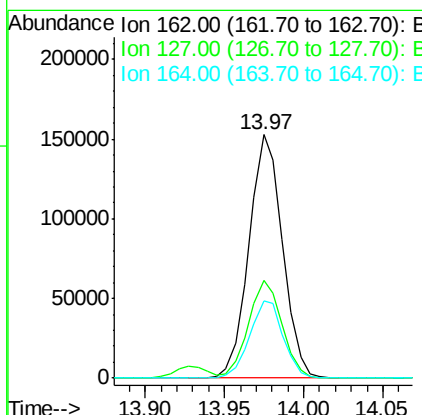
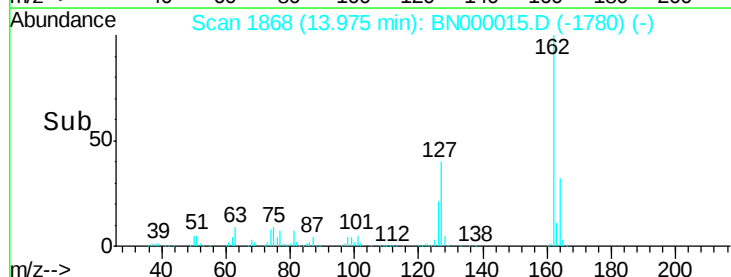
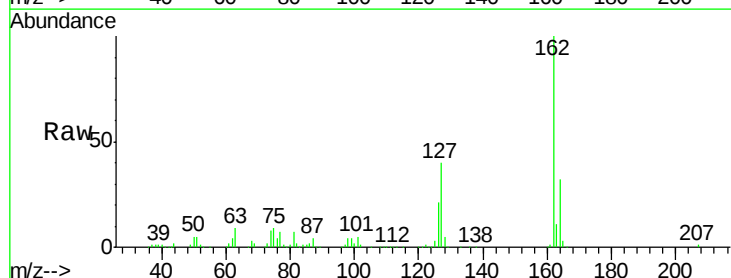
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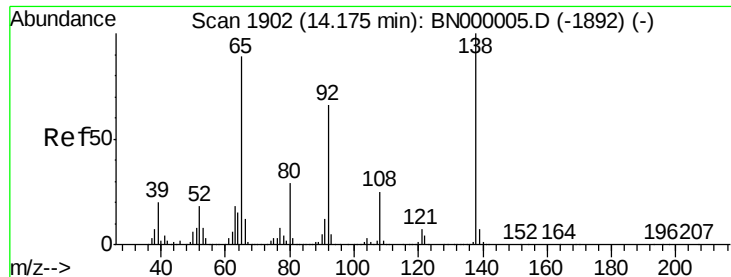
Sohil
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#46
2-Chloronaphthalene
Concen: 3.709 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	31.6	26.0	39.0





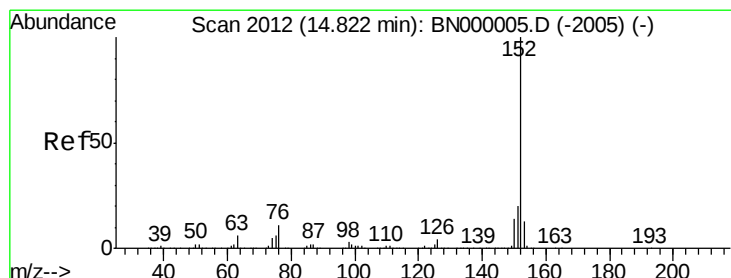
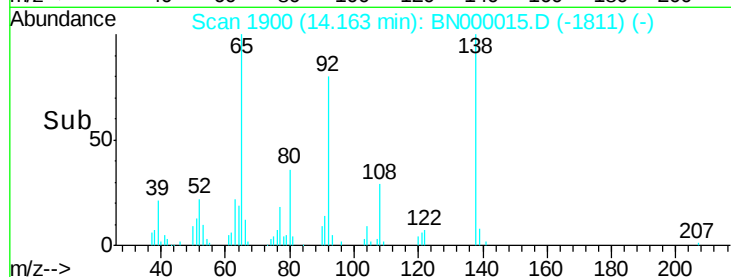
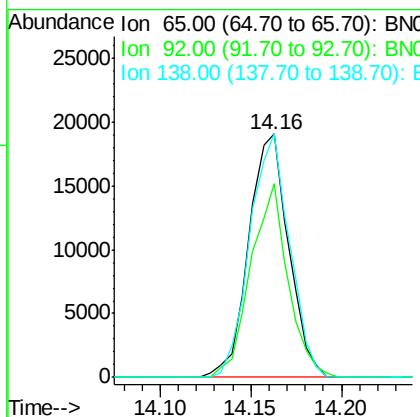
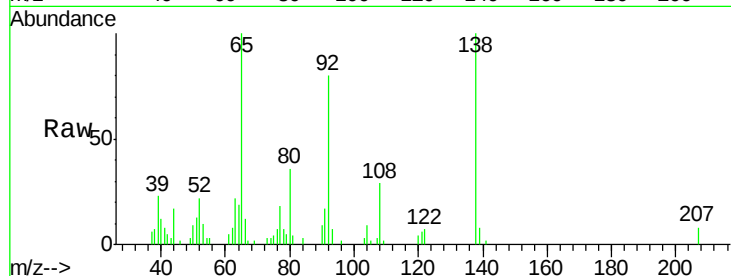
#47
2-Nitroaniline
Concen: 1.780 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.7	54.6	82.0
138	99.8	72.9	109.3

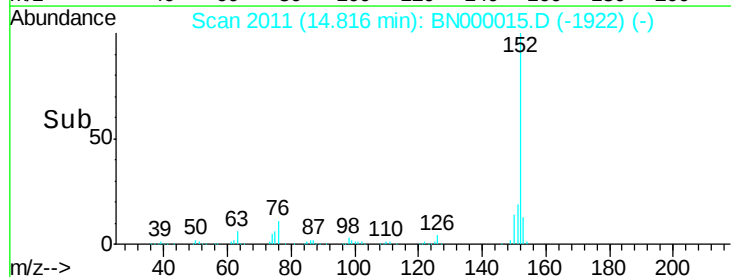
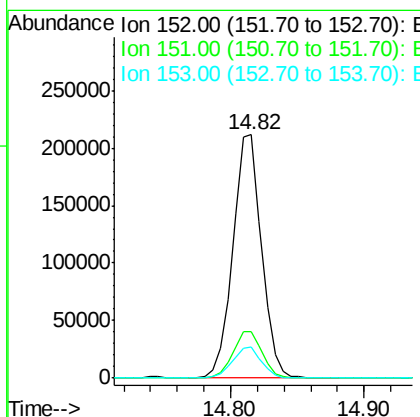
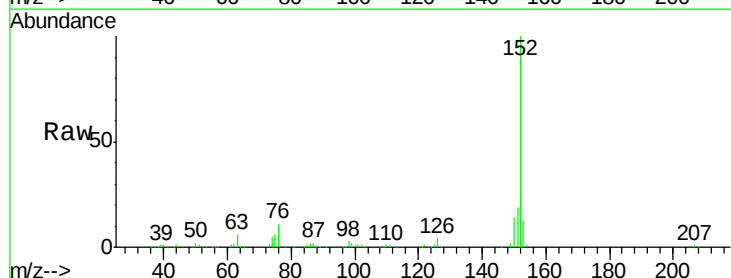
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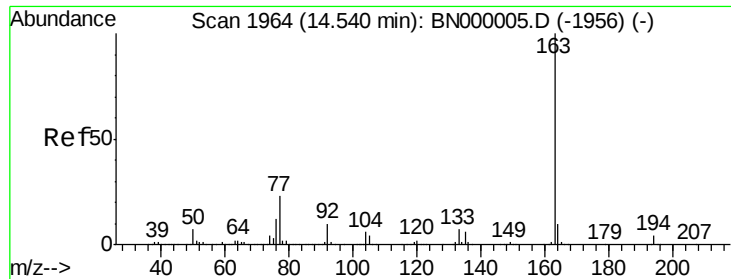
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#48
Acenaphthylene
Concen: 3.114 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.2	25.8
153	12.6	10.2	15.4





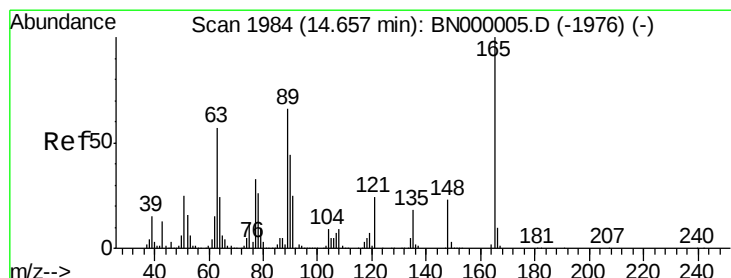
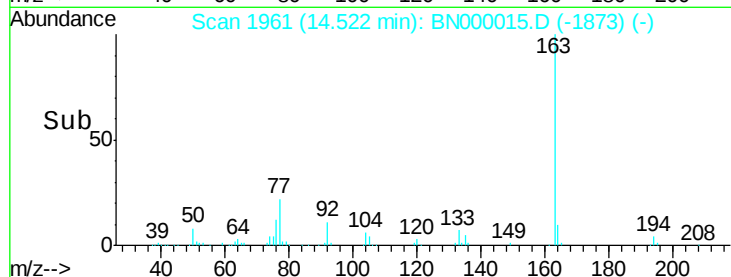
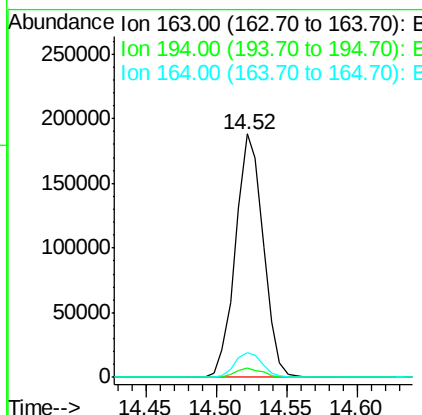
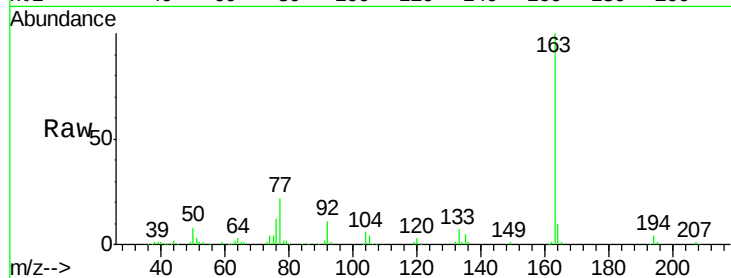
#49
Dimethylphthalate
Concen: 3.198 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	257933		
194	3.6		3.4	5.2
164	10.1		8.2	12.4

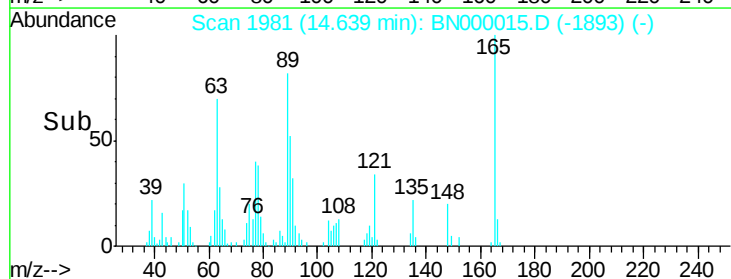
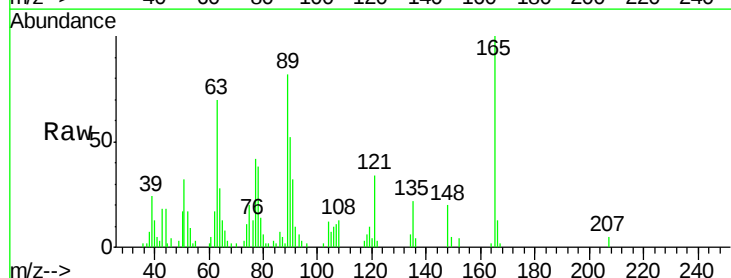
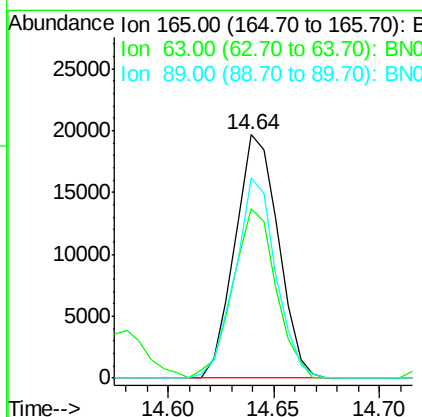
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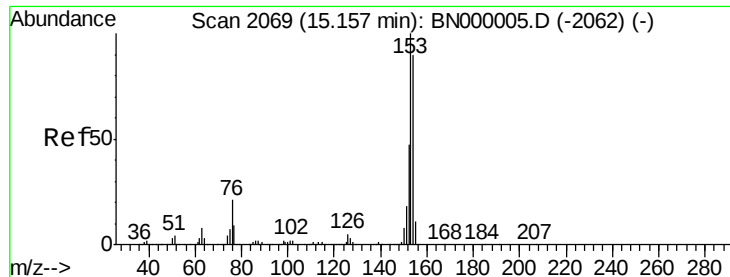
Sohil
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#50
2,6-Dinitrotoluene
Concen: 1.752 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	27969		
63	69.7		52.7	79.1
89	82.2		49.2	73.8





#51

Acenaphthene

Concen: 3.586 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

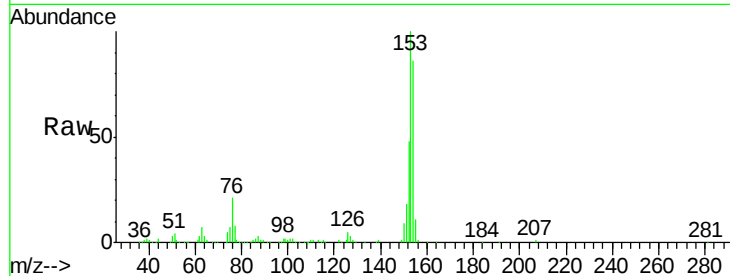
ClientSampleId :

MDL-S-02

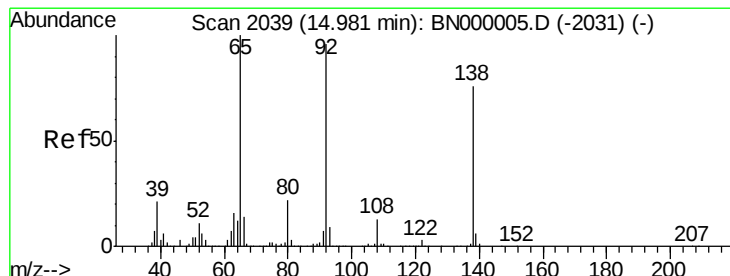
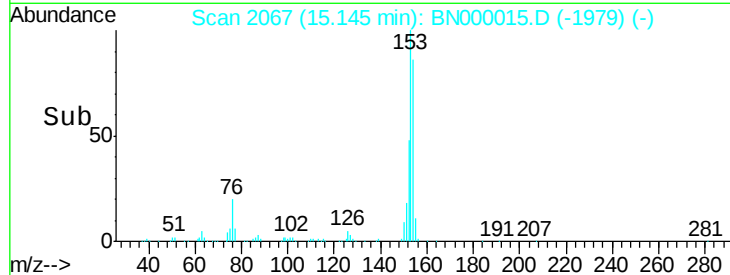
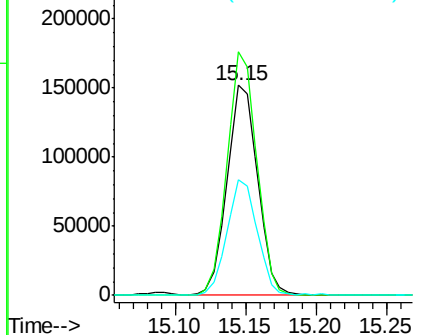
Tot Ion:	154	Resp:	230003
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.4	135.6
152	55.1	41.6	62.4

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



#52

3-Nitroaniline

Concen: 1.829 ng

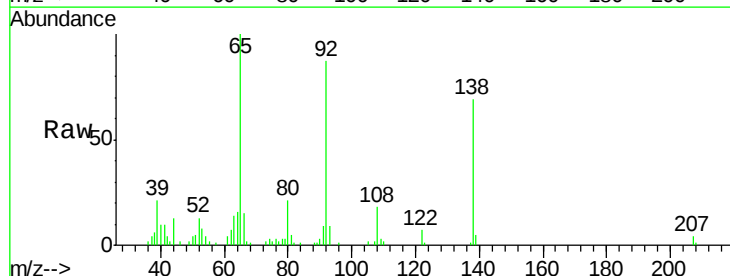
RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

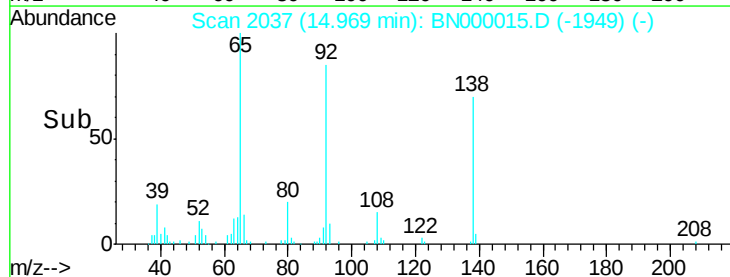
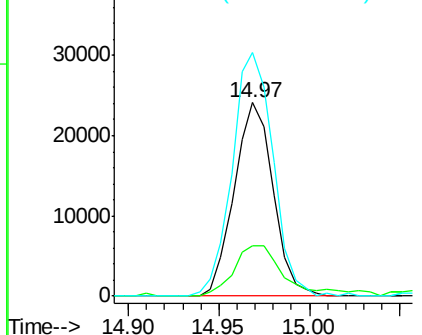
Lab File: BN000015.D

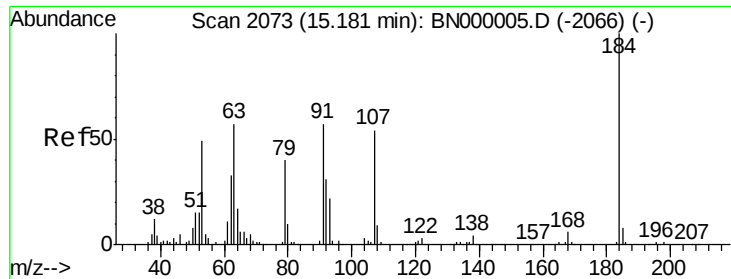
Acq: 05 Feb 2018 12:59

Tgt Ion:	138	Resp:	36034
Ion Ratio	Lower	Upper	
138	100		
108	26.2	17.5	26.3
92	125.8	105.8	158.8



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





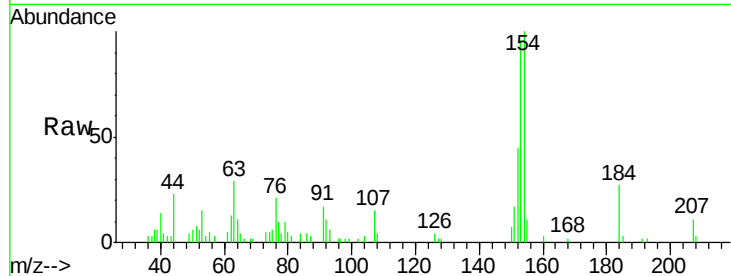
#53
 2,4-Dinitrophenol
 Concen: 6.431 ng
 RT: 15.17 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	105.9	80.0	120.0
154	368.9	308.0	462.0

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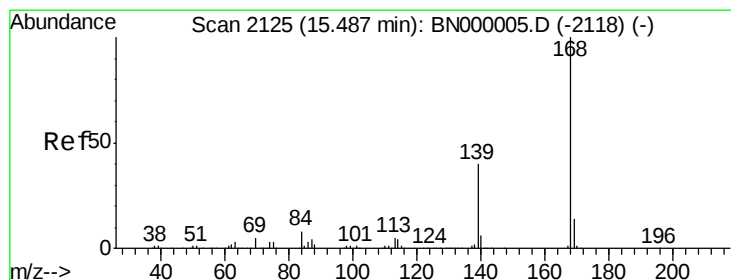
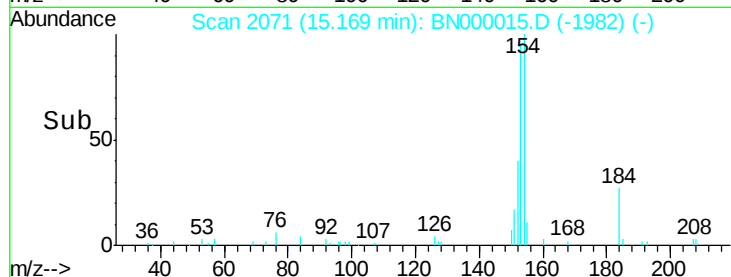
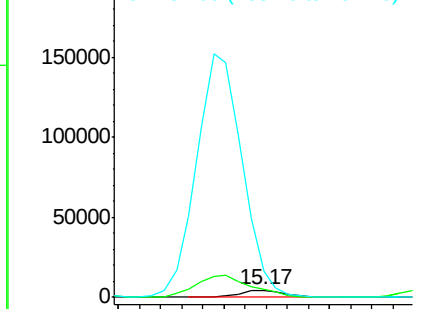


Abundance

Ion 184.00 (183.70 to 184.70): E

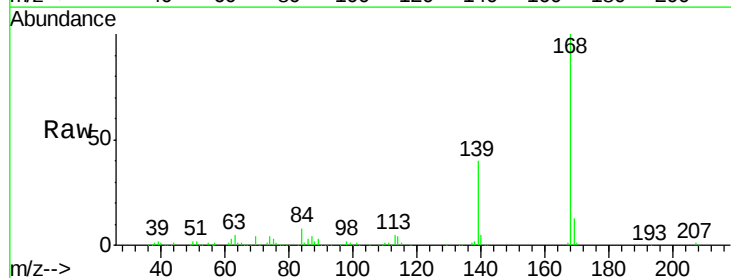
Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 3.702 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	28.6	43.0
169	12.9	11.2	16.8

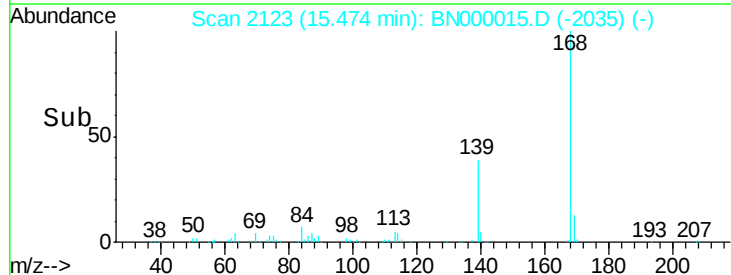
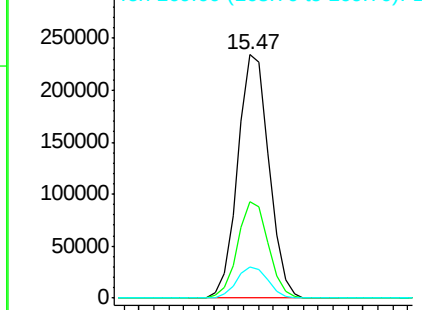


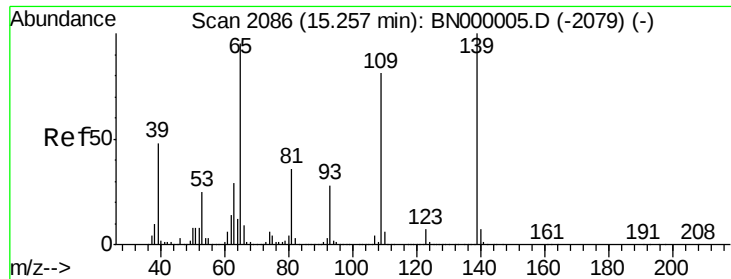
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





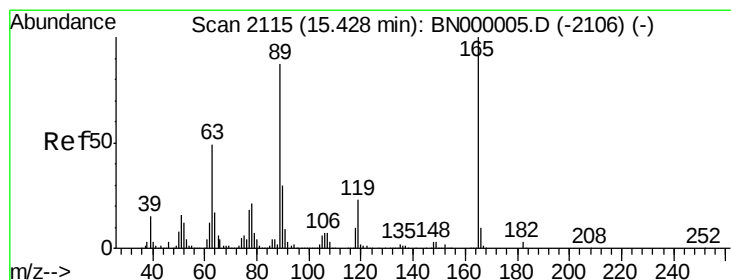
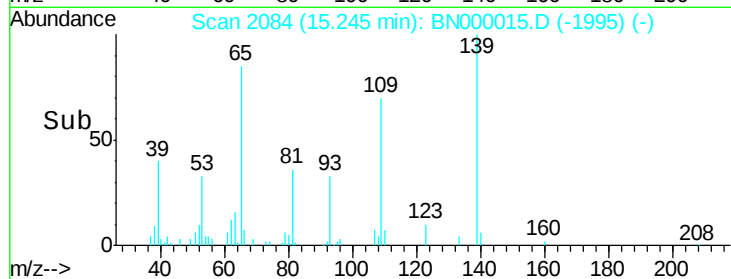
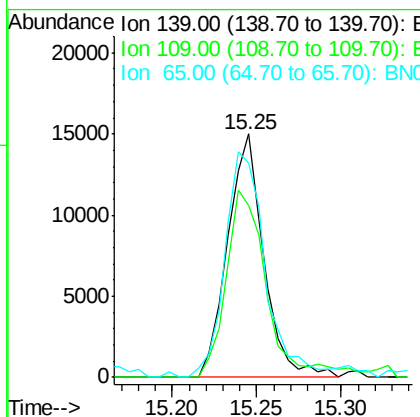
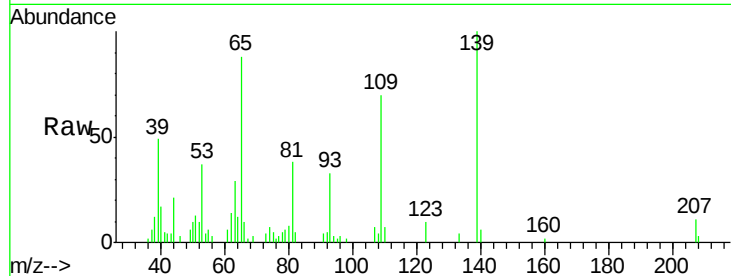
#55
4-Nitrophenol
Concen: 1.503 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.4	62.2	102.2
65	87.9	97.2	137.2#

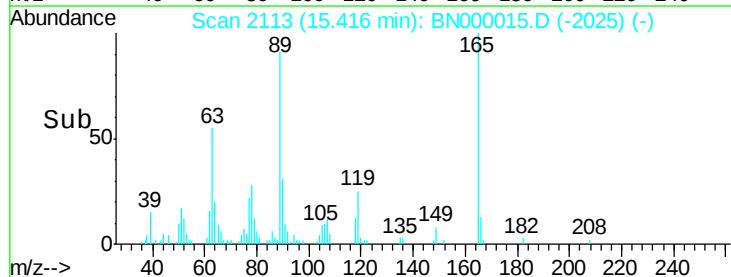
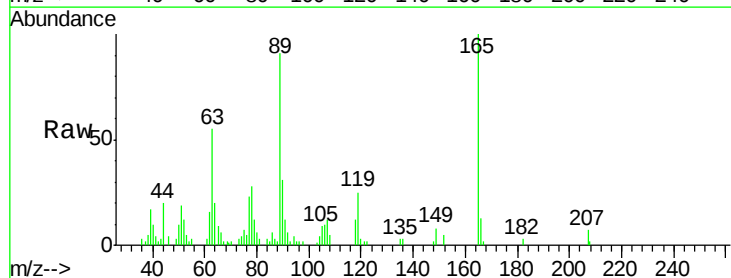
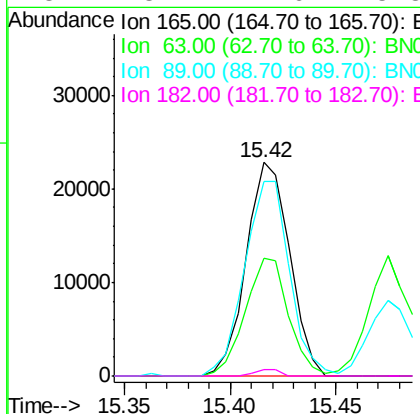
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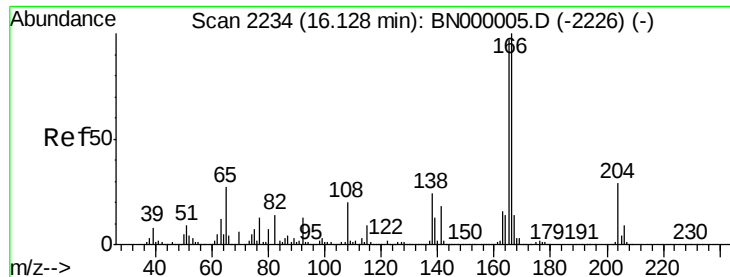
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#56
2,4-Dinitrotoluene
Concen: 1.520 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	42.0	63.0
89	91.1	66.9	100.3
182	3.2	2.6	3.8





#57

Fluorene

Concen: 3.527 ng

RT: 16.12 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

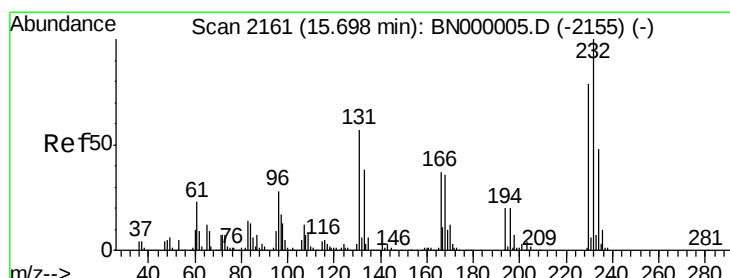
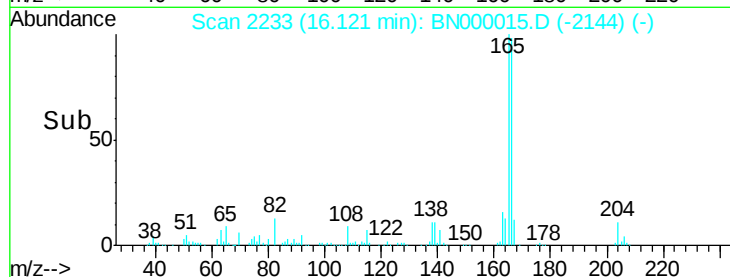
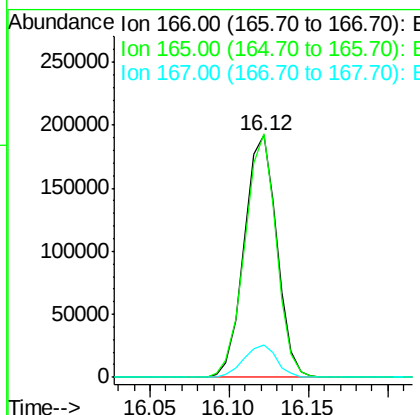
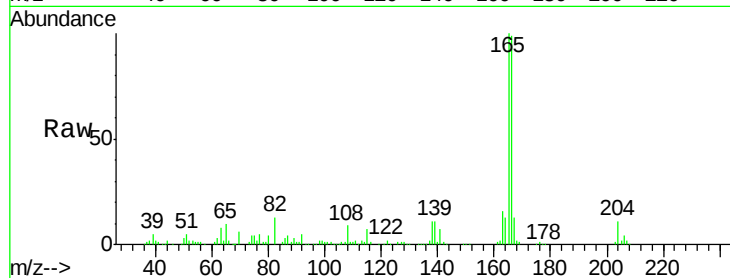
ClientSampled :

MDL-S-02

Tot Ion:	166	Resp:	273296
Ion Ratio	Lower	Upper	
166	100		
165	100.7	80.6	121.0
167	13.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.286 ng

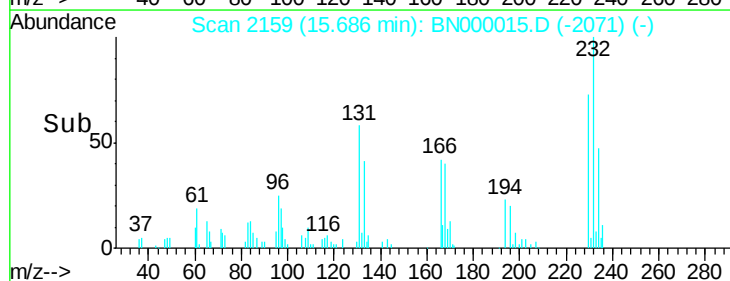
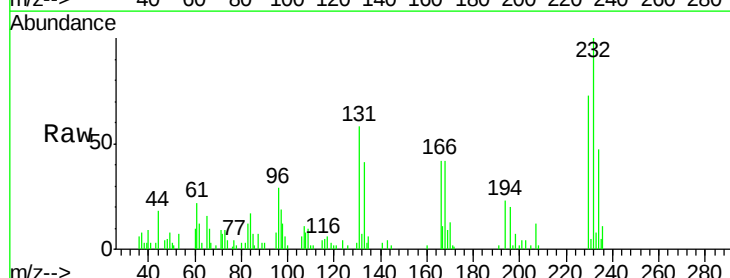
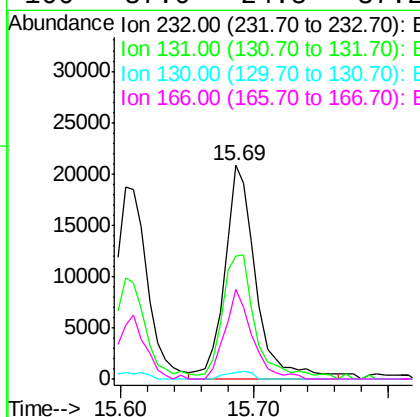
RT: 15.69 min Scan# 2159

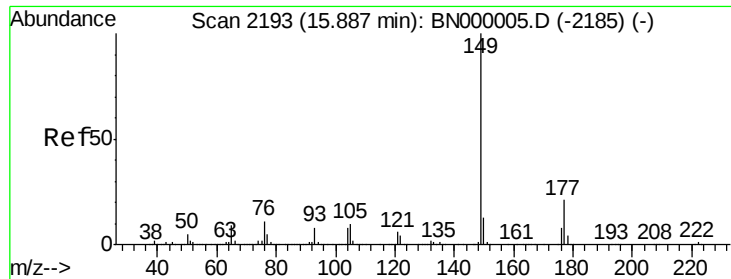
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	232	Resp:	34056
Ion Ratio	Lower	Upper	
232	100		
131	62.1	33.5	50.3#
130	3.1	2.2	3.2
166	37.0	24.8	37.2





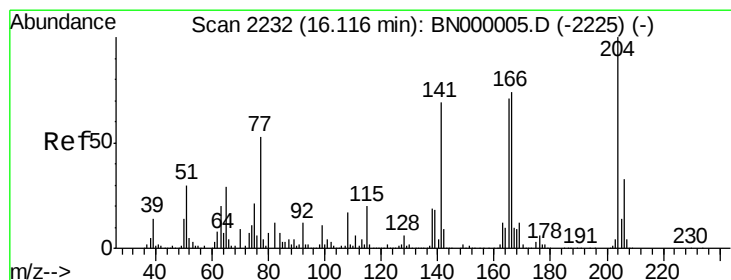
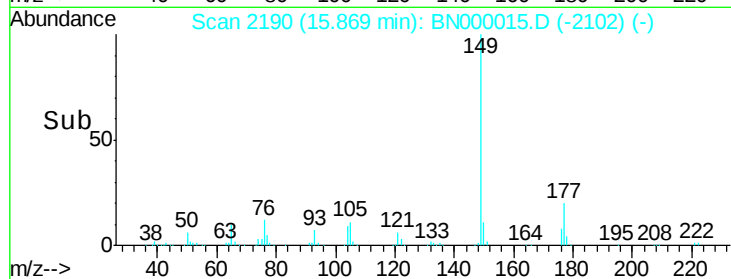
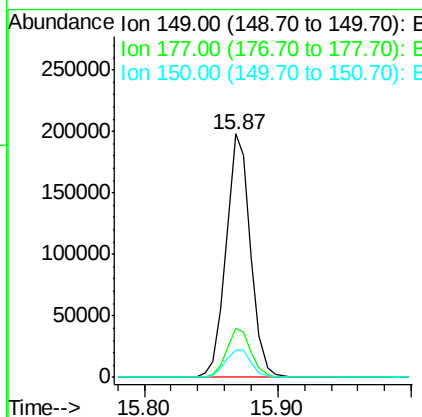
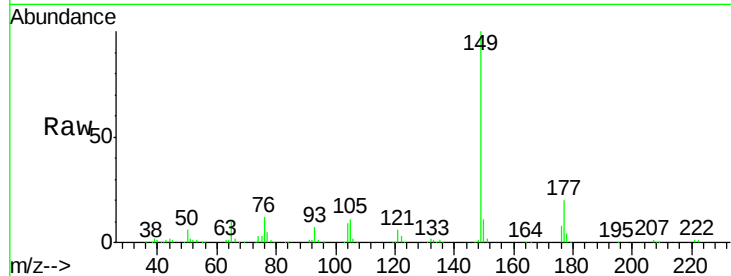
#59
Diethylphthalate
Concen: 3.018 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
149	100	254311		
177	20.3	18.5	27.7	
150	11.5	10.2	15.2	

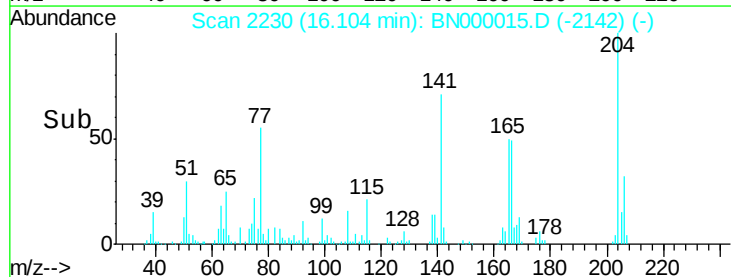
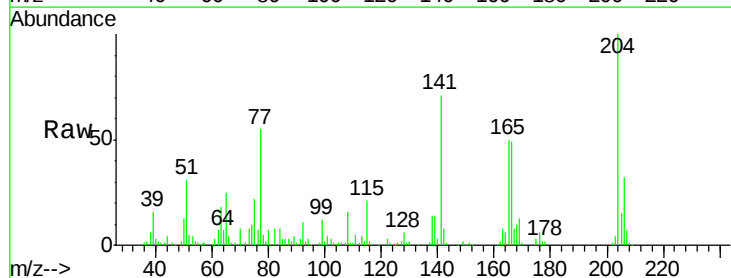
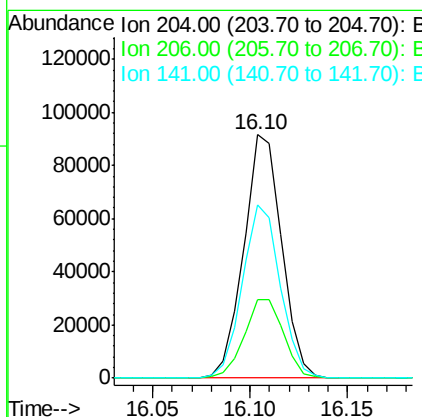
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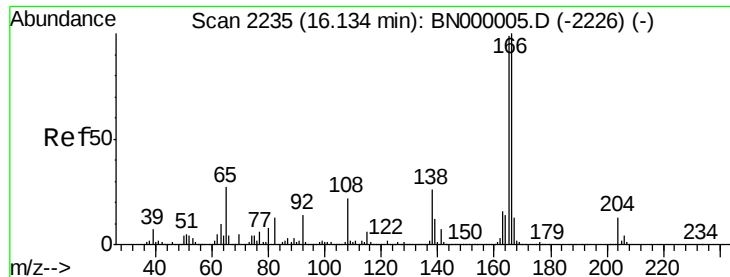
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 3.596 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	123148		
206	32.5	26.2	39.2	
141	71.1	45.8	68.6	





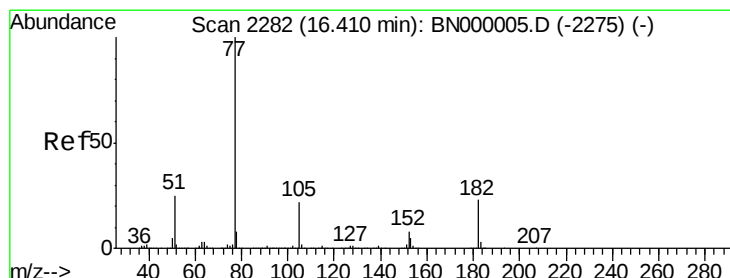
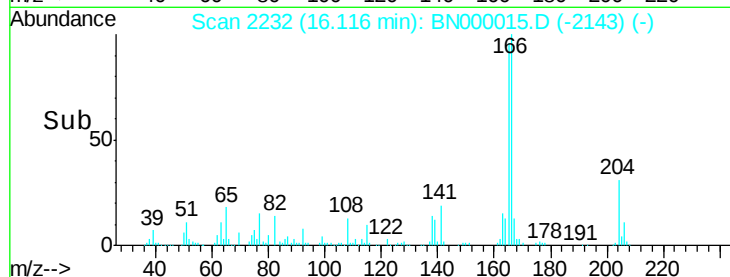
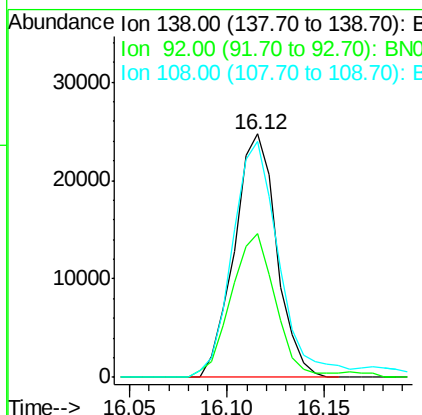
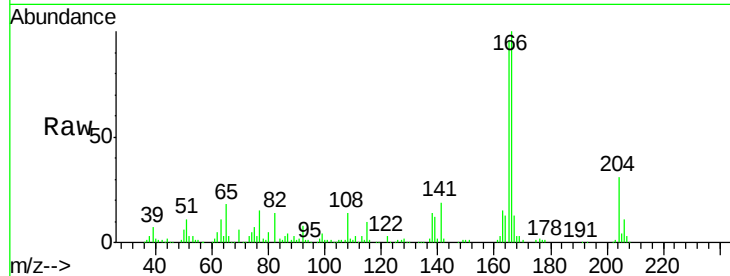
#61
4-Nitroaniline
Concen: 1.770 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.2	40.1	80.1
108	96.7	65.4	105.4

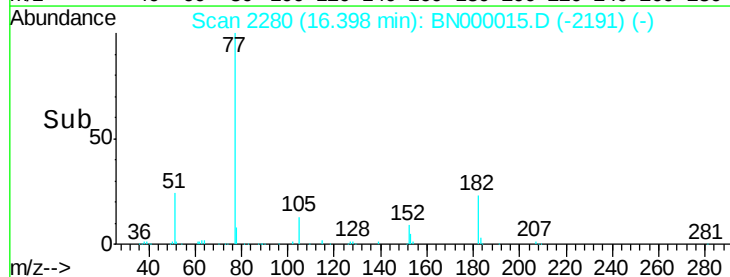
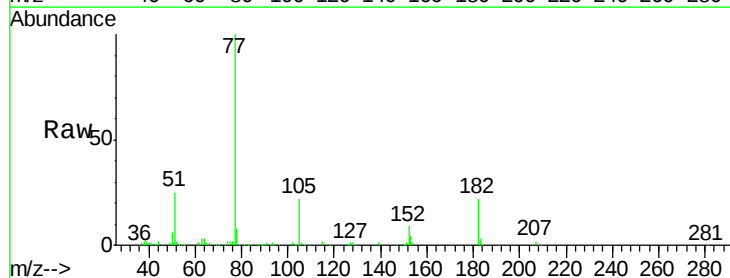
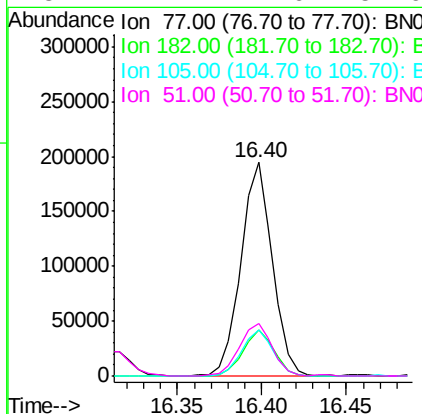
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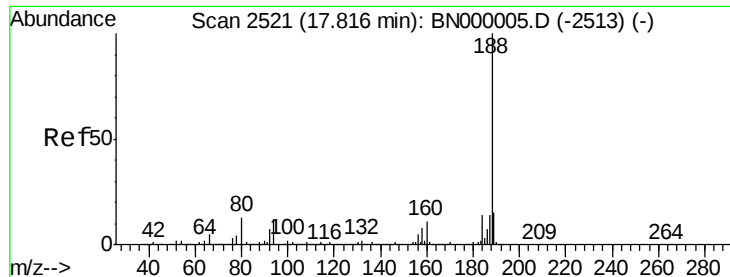
Sohil
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#62
Azobenzene
Concen: 2.976 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	7.4	47.4
105	21.7	0.3	40.3
51	24.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

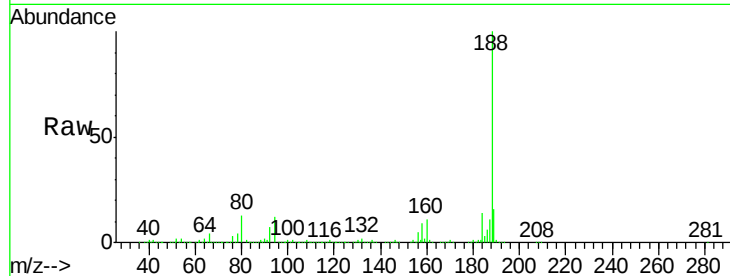
ClientSampleId :

MDL-S-02

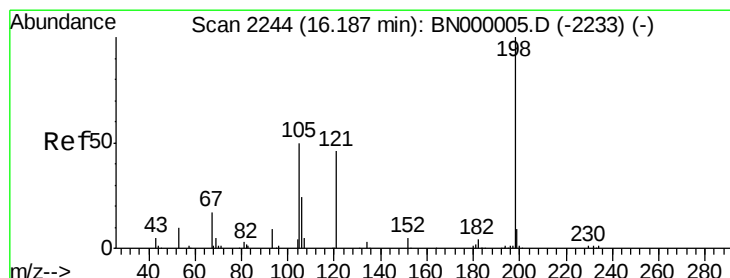
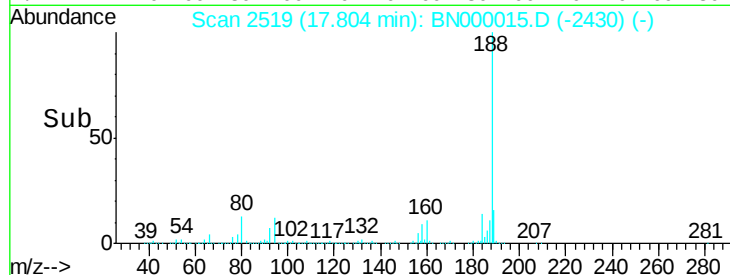
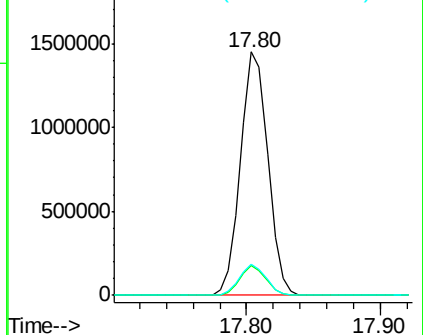
Tot Ion:	188	Resp:	2054610
Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.9	10.3#
80	12.7	7.7	11.5#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 1.455 ng

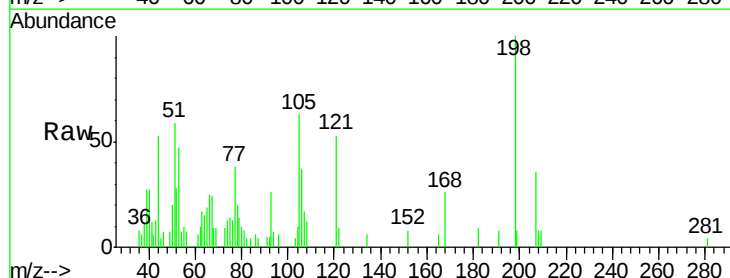
RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

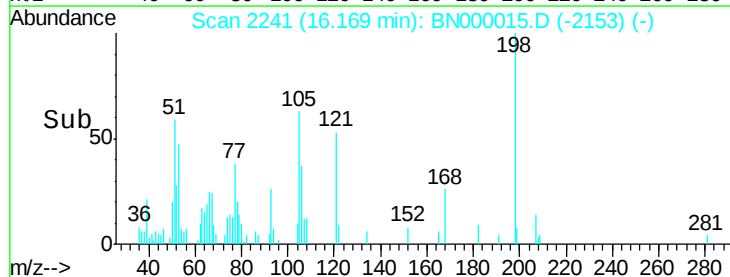
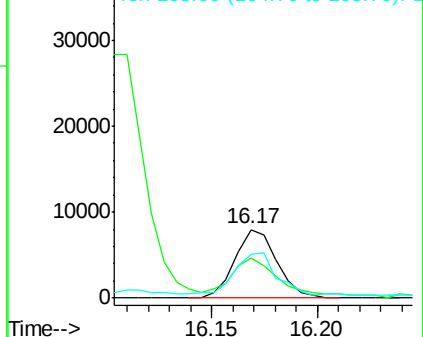
Lab File: BN000015.D

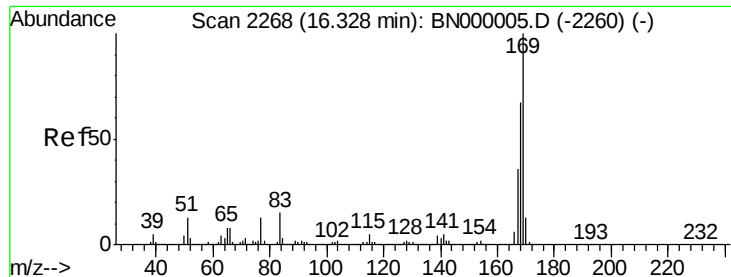
Acq: 05 Feb 2018 12:59

Tgt Ion:	198	Resp:	10956
Ion	Ratio	Lower	Upper
198	100		
51	59.3	30.6	70.6
105	63.5	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E





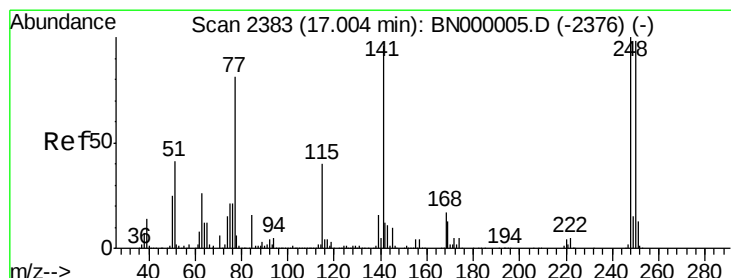
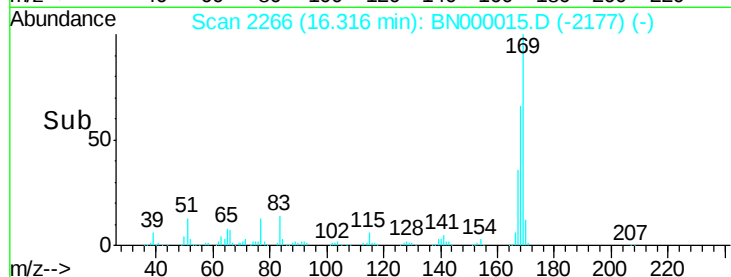
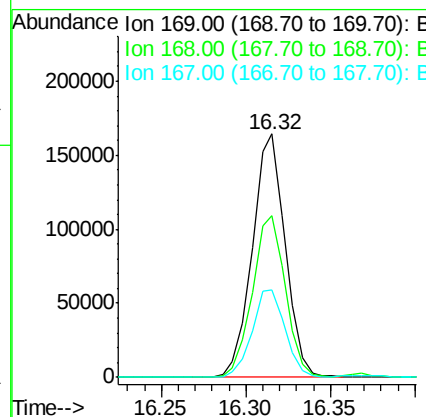
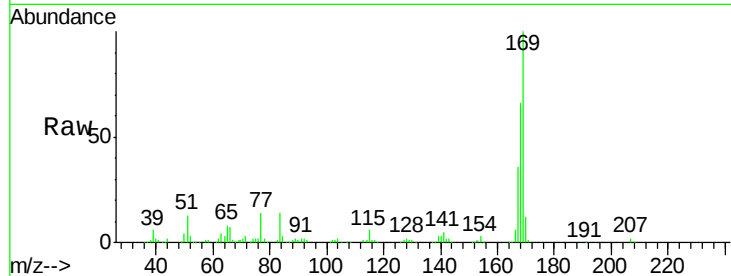
#65
n-Nitrosodiphenylamine
Concen: 3.304 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
169	100	221818		
168	66.4	55.7	83.5	
167	35.9	30.1	45.1	

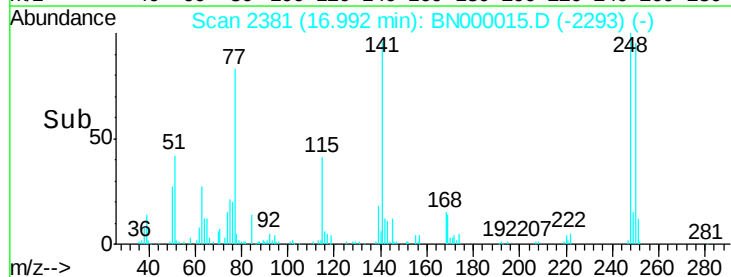
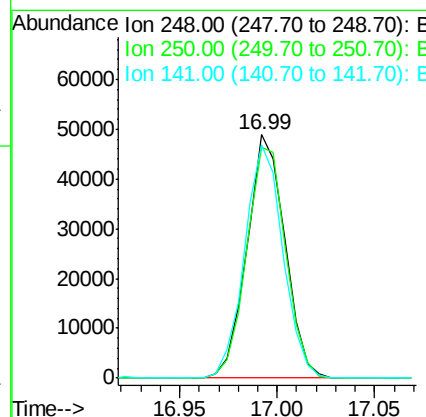
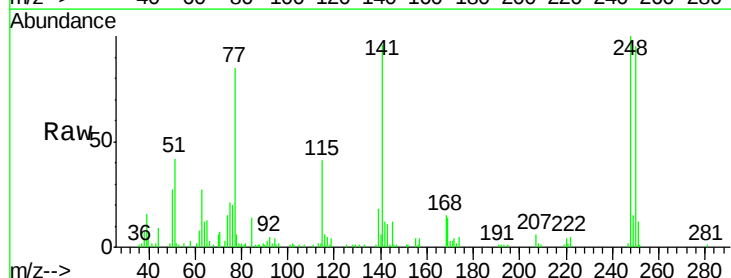
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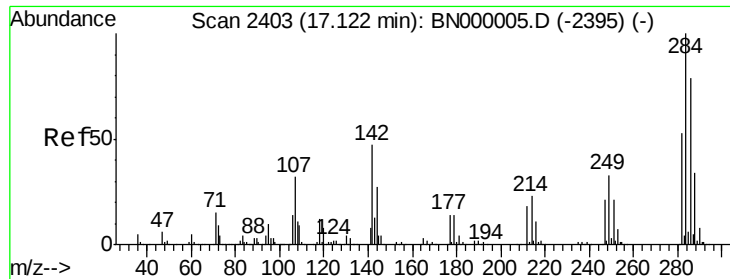
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#66
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65754		
250	94.9	77.1	115.7	
141	96.0	50.8	76.2	





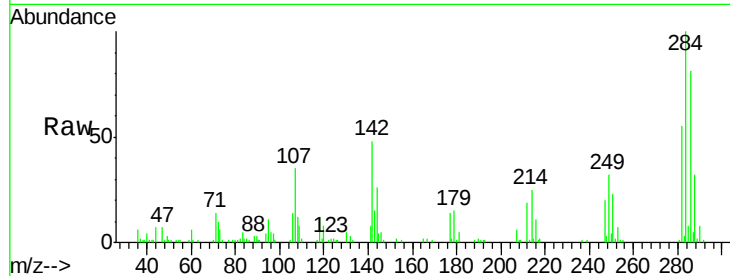
#67
Hexachlorobenzene
Concen: 3.735 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

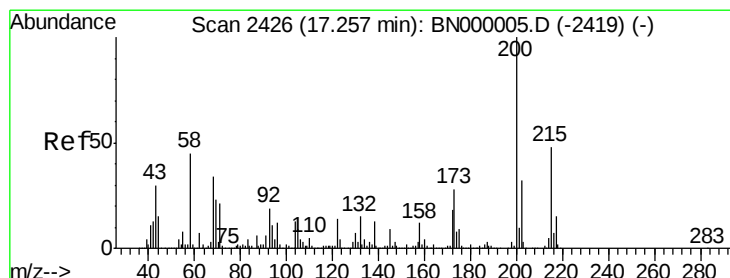
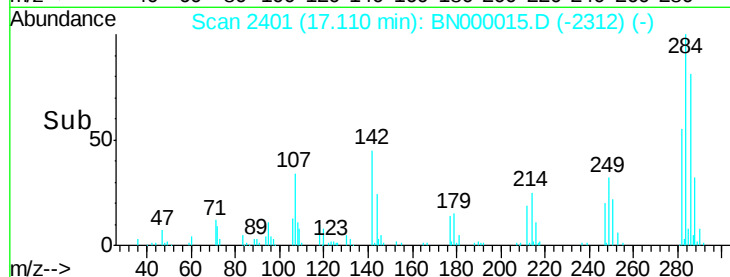
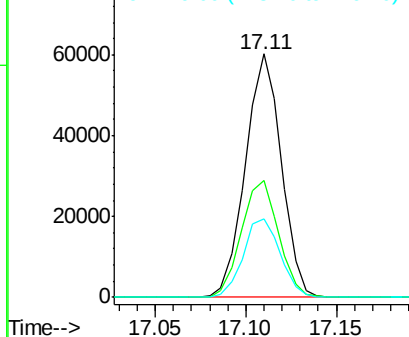
Tot Ion	Ratio	Resp	Lower	Upper
284	100	82726		
142	47.8	26.8	40.2	
249	32.3	26.3	39.5	

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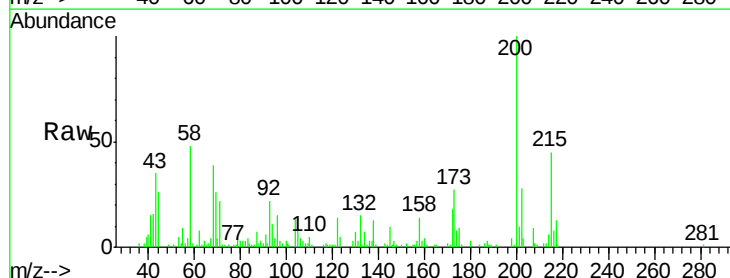


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

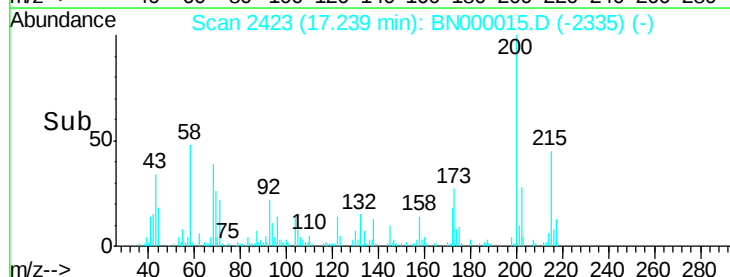
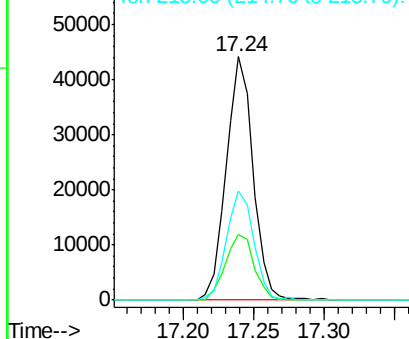


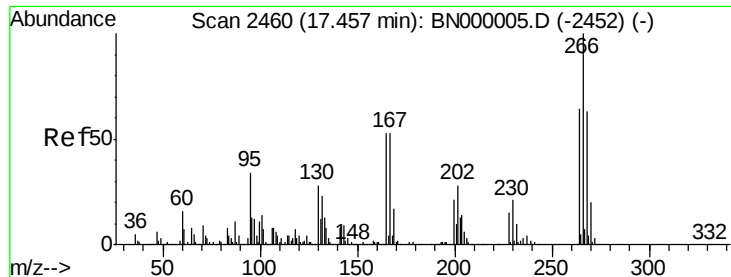
#68
Atrazine
Concen: 2.859 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	58513		
173	27.2	5.2	45.2	
215	44.7	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





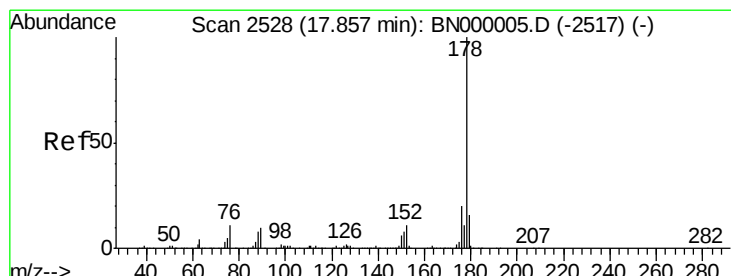
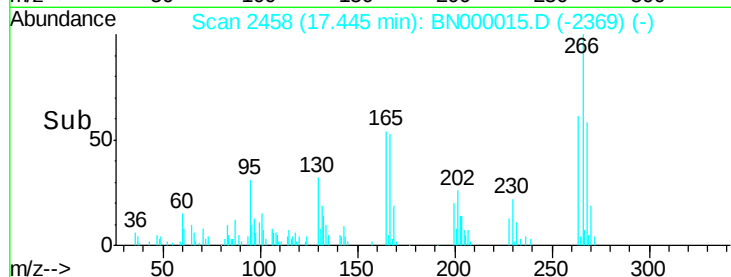
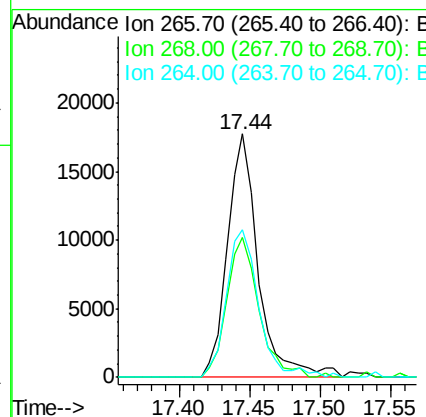
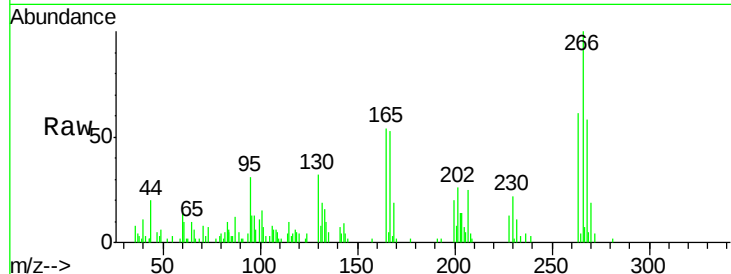
#69
 Pentachlorophenol
 Concen: 2.025 ng
 RT: 17.44 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tot Ion	Ratio	Resp	Lower	Upper
266	100	26870		
268	57.7		51.1	76.7
264	60.7		49.6	74.4

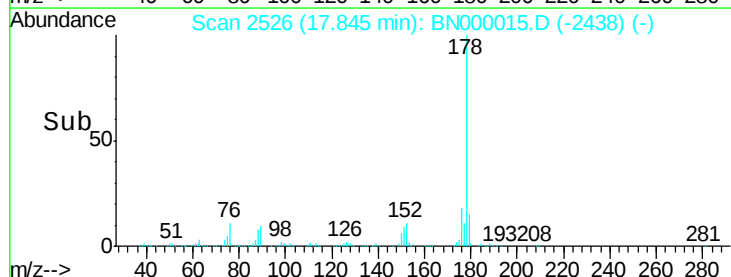
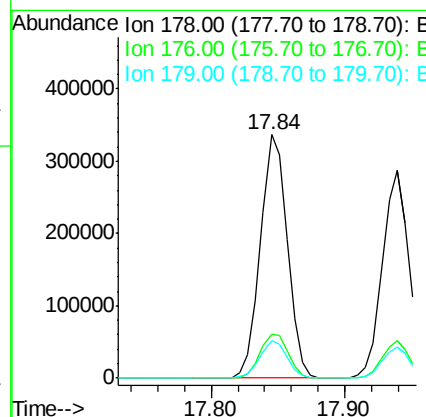
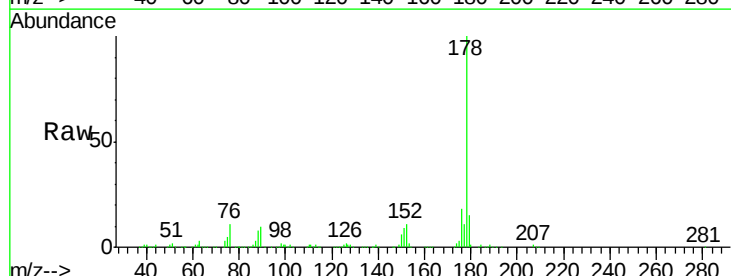
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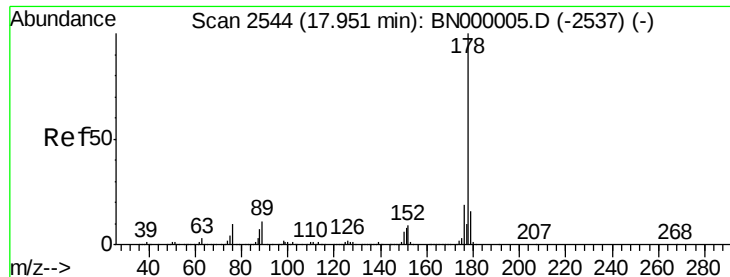
Sohil
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#70
 Phenanthrene
 Concen: 3.798 ng
 RT: 17.84 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	469523		
176	18.3		15.7	23.5
179	15.3		12.5	18.7





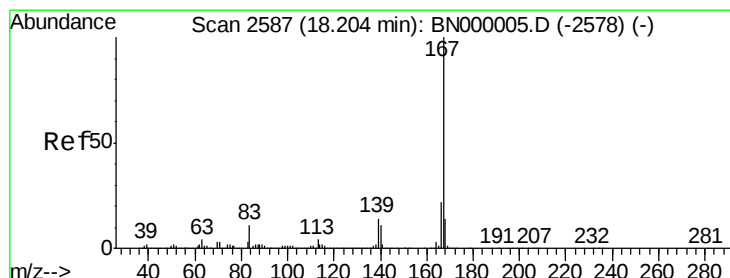
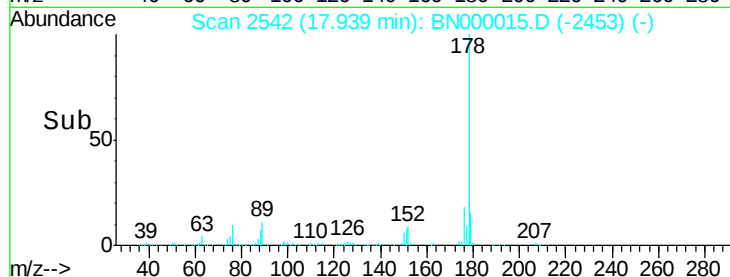
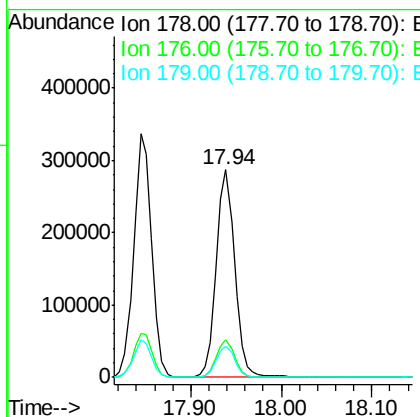
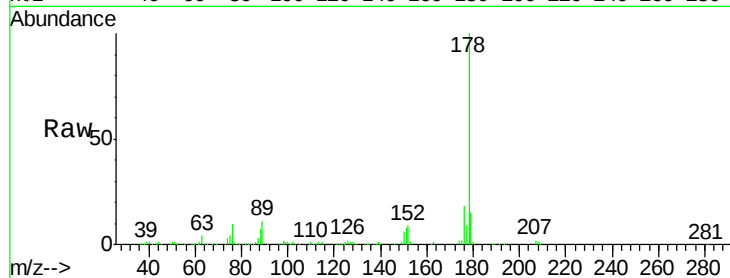
#71
 Anthracene
 Concen: 3.307 ng
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	14.8	12.5	18.7

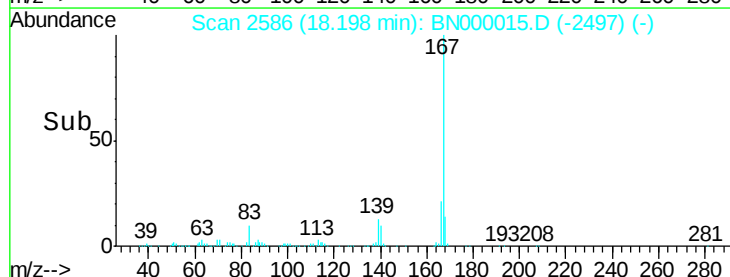
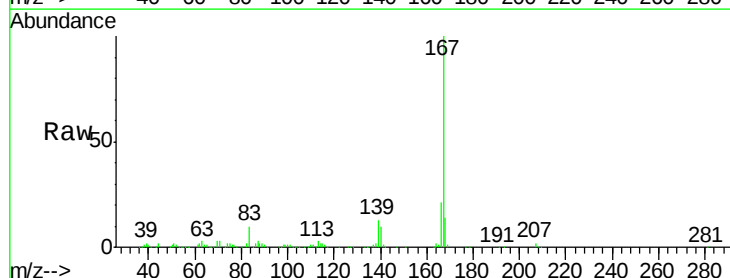
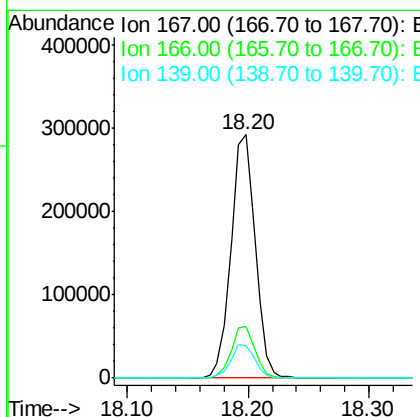
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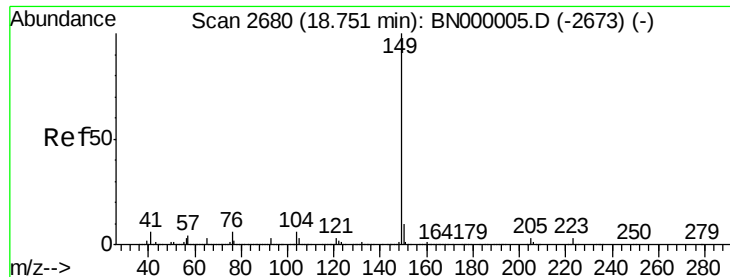
Sohil
 2/6/2018 5:15:23 PM



#72
 Carbazole
 Concen: 3.244 ng
 RT: 18.20 min Scan# 2586
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 2.247 ng

RT: 18.74 min Scan# 2678

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

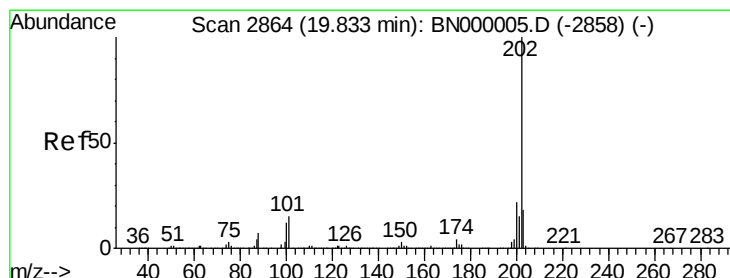
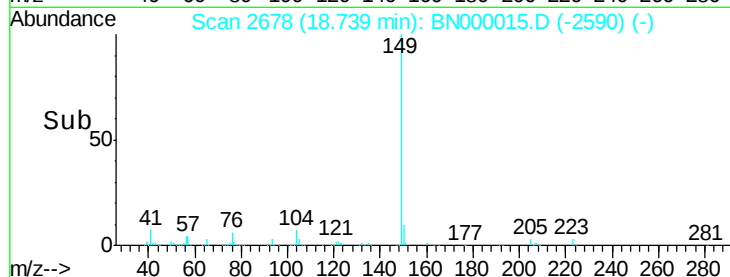
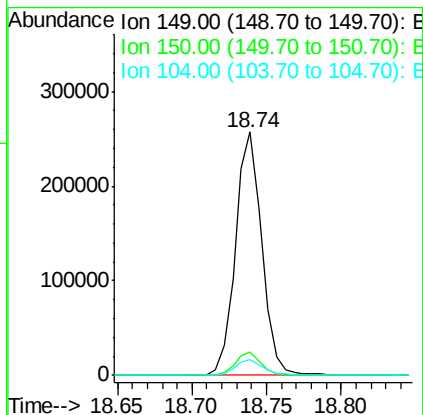
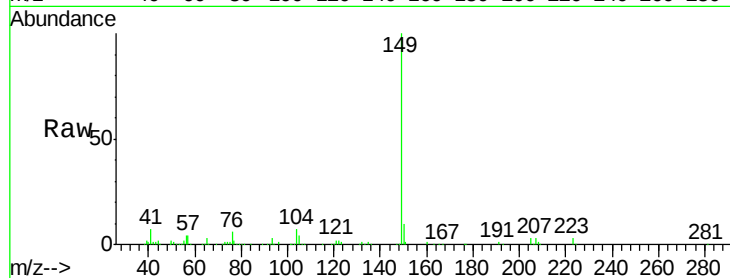
ClientSampleId :

MDL-S-02

Tot Ion:	149	Resp:	316125
Ion Ratio		Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.6	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 3.242 ng

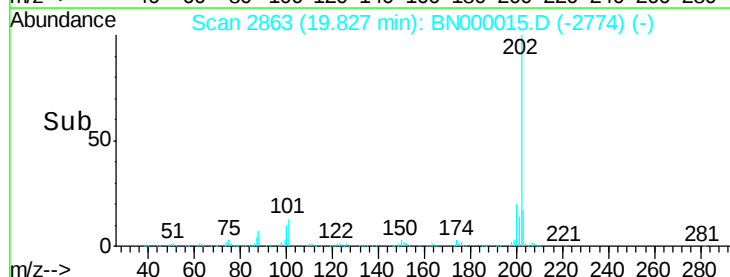
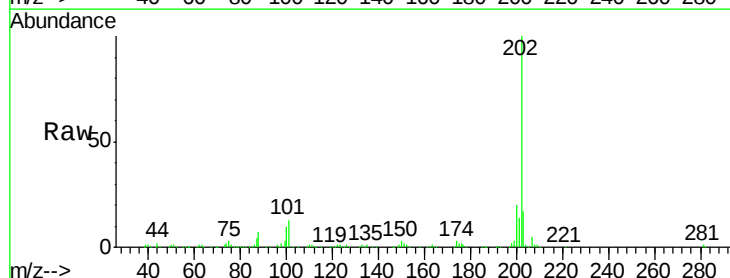
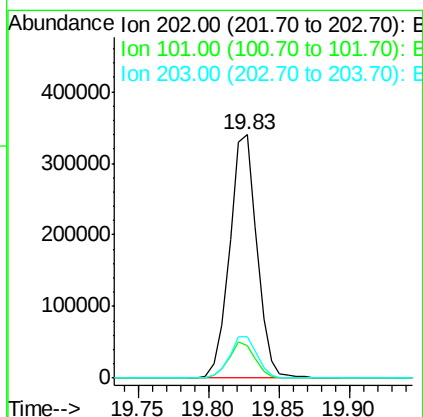
RT: 19.83 min Scan# 2863

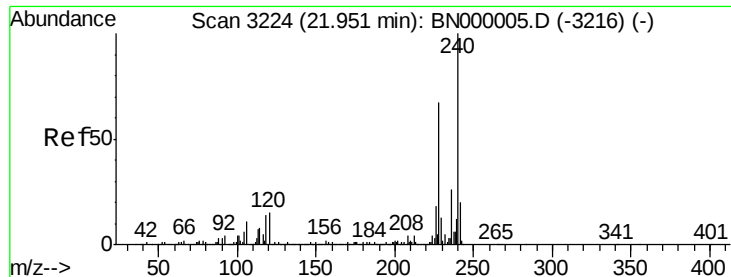
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	202	Resp:	455147
Ion Ratio		Lower	Upper
202	100		
101	13.4	0.0	28.9
203	17.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

Tot Ion:240 Resp: 2352996

Ion Ratio Lower Upper

240 100

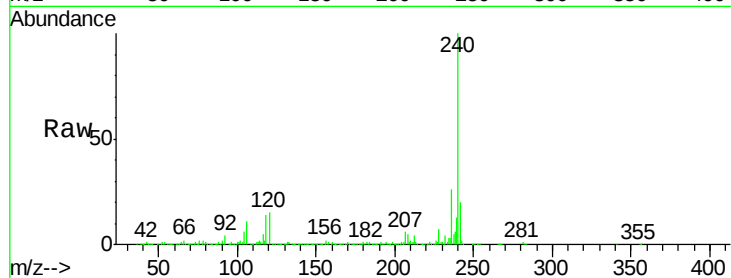
120 15.3 6.8 10.2#

236 26.2 20.9 31.3

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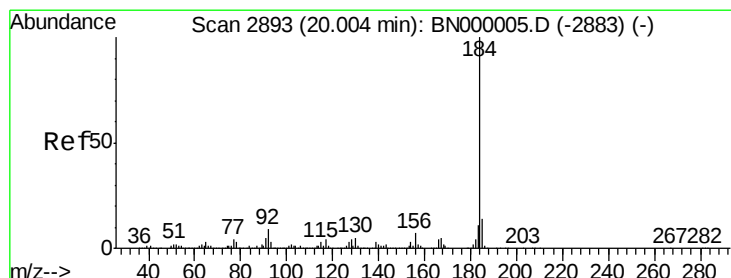
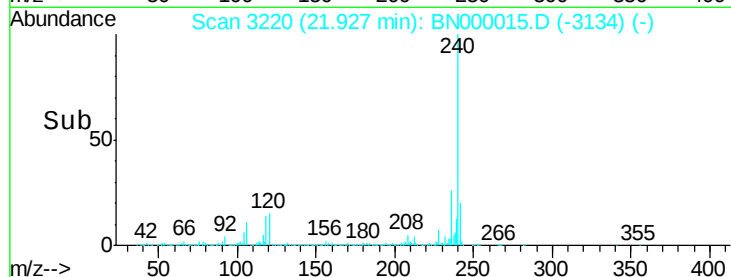
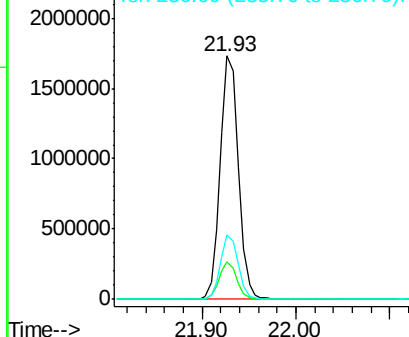
2/6/2018 5:15:23 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.194 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

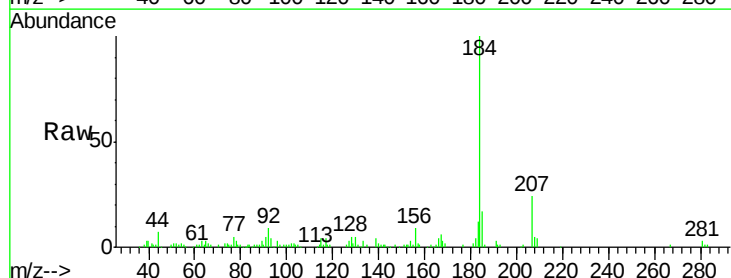
Tgt Ion:184 Resp: 130687

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

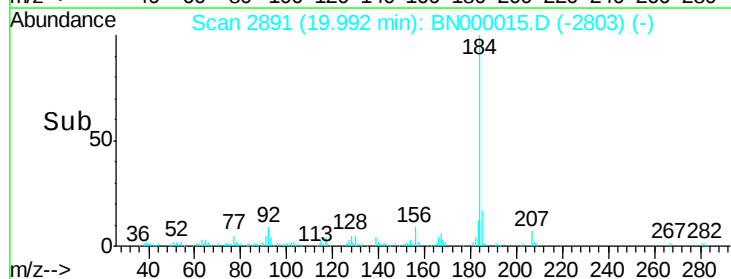
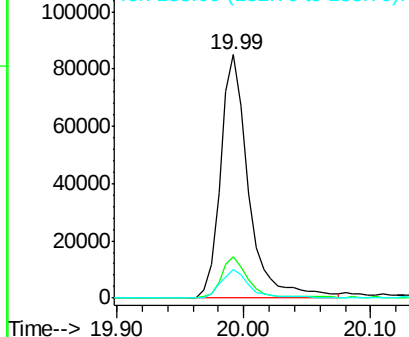
183 12.0 10.6 16.0

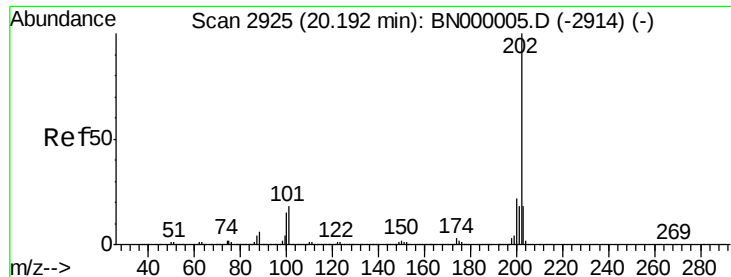


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 3.477 ng

RT: 20.18 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

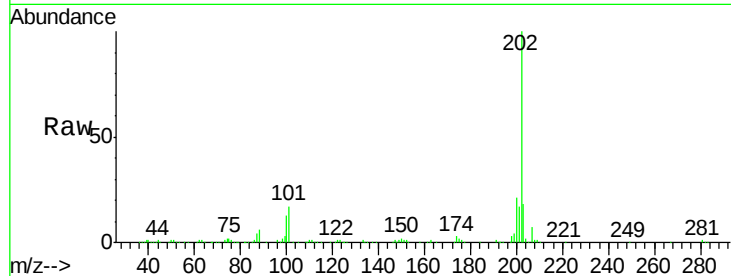
ClientSampled :

MDL-S-02

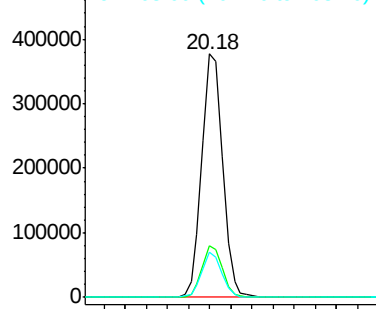
Tot Ion:	202	Resp:	516179
Ion Ratio		Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	13.9	20.9

Manual Integrations
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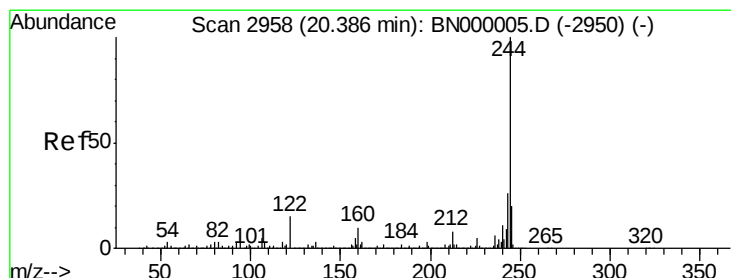
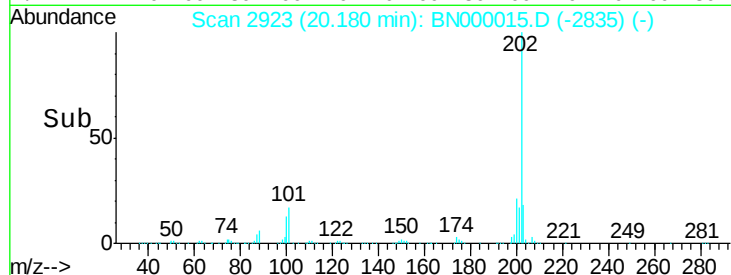
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 91.403 ng

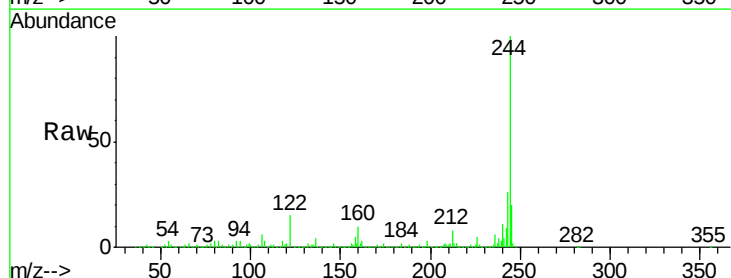
RT: 20.37 min Scan# 2956

Delta R.T. -0.01 min

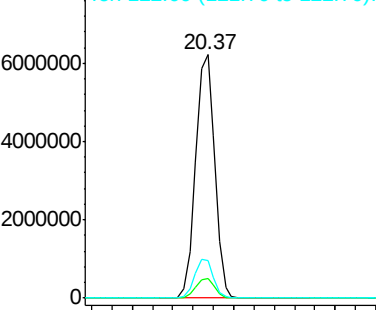
Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

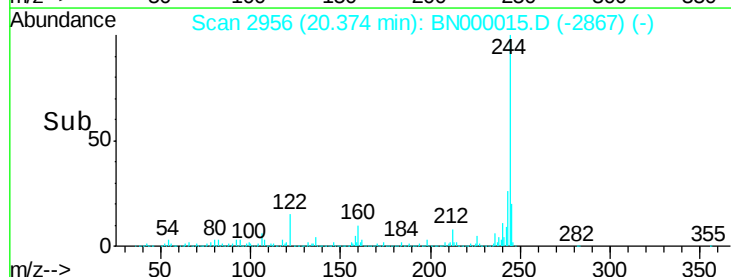
Tgt Ion:	244	Resp:	8148357
Ion Ratio		Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.4	7.0	10.4#

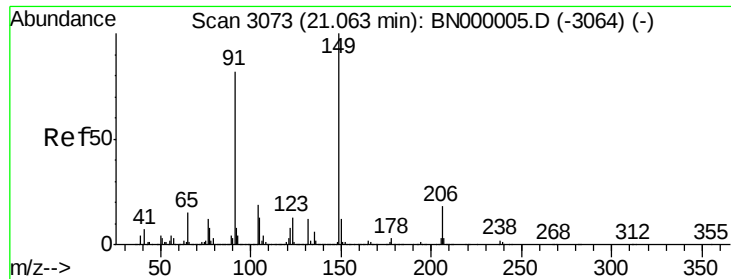


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





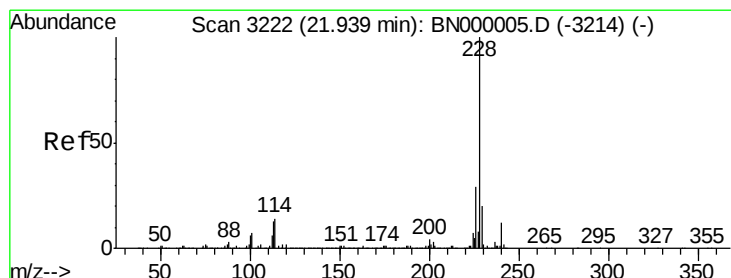
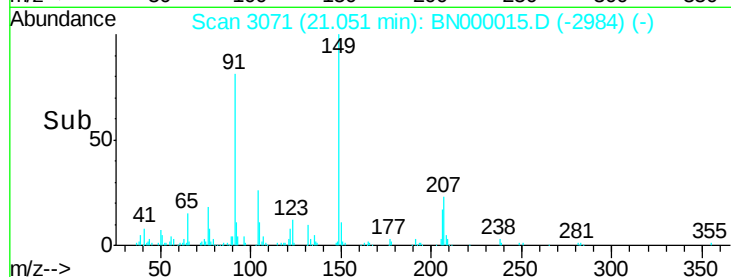
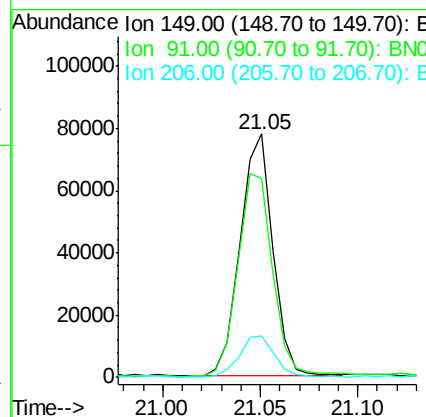
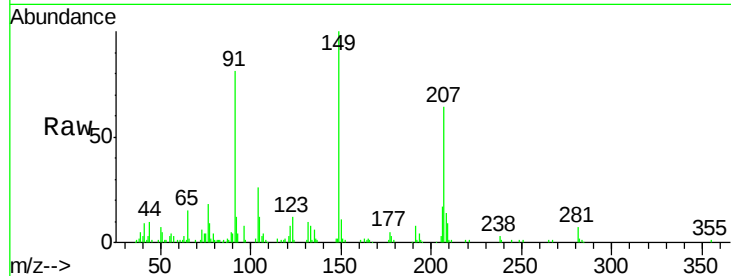
#79
Butylbenzylphthalate
Concen: 1.375 ng
RT: 21.05 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.4	62.2	93.2
206	17.0	18.6	27.8

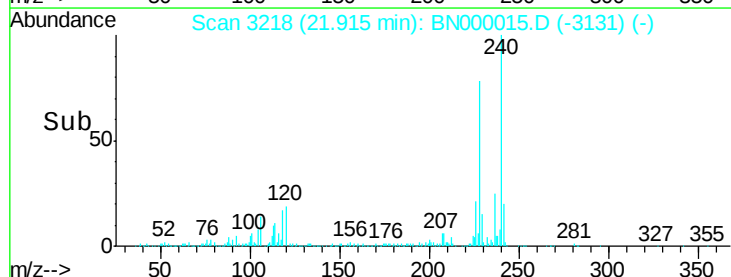
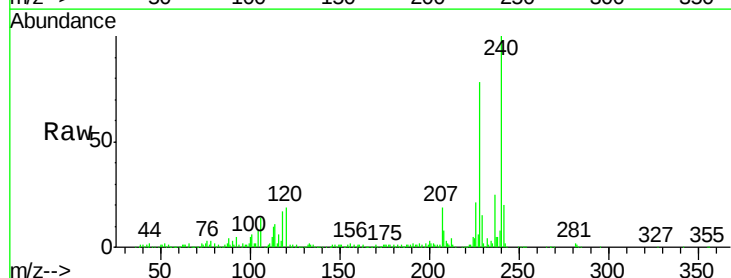
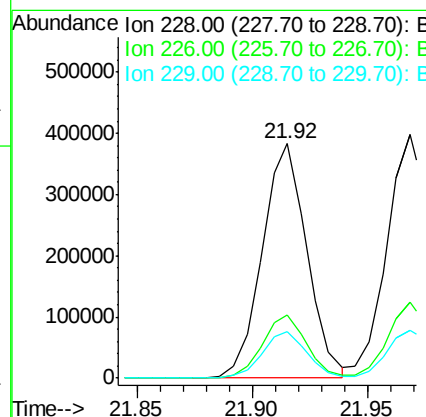
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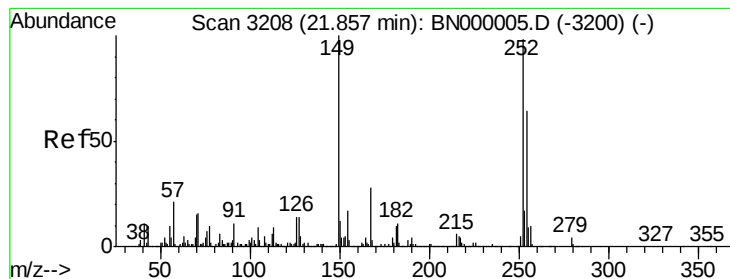
Sohil
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#80
Benzo(a)anthracene
Concen: 3.517 ng
RT: 21.92 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	19.7	16.2	24.2





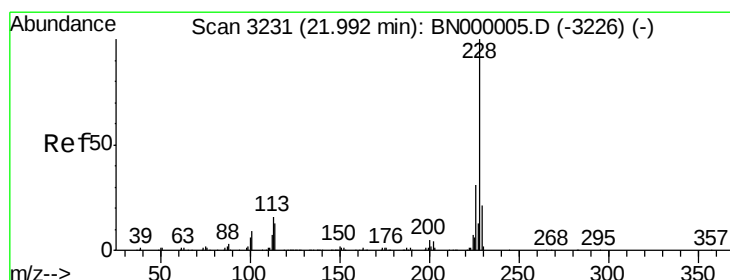
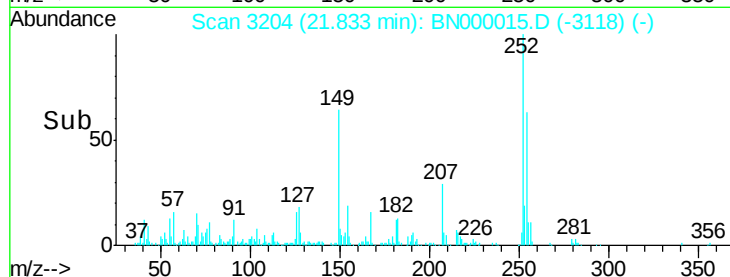
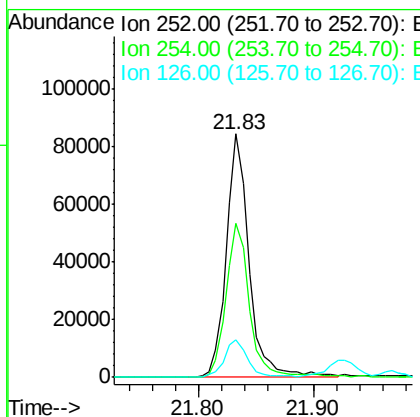
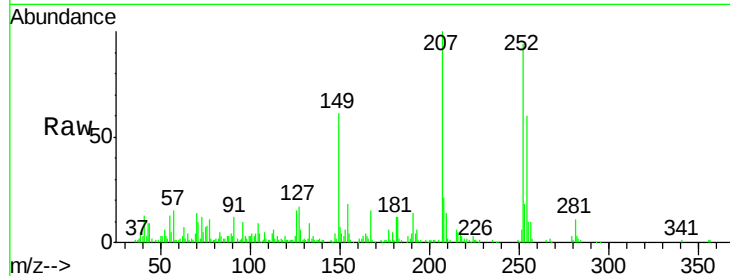
#81
 3,3'-Dichlorobenzidine
 Concen: 2.364 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	15.5	7.4	11.2

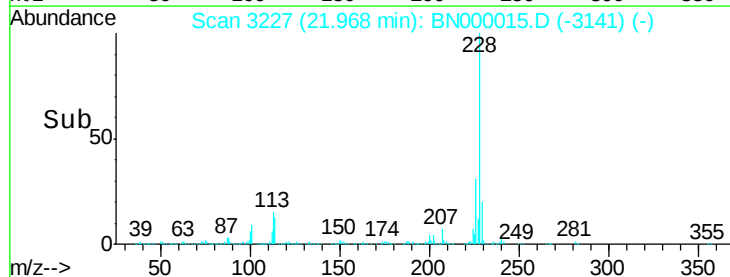
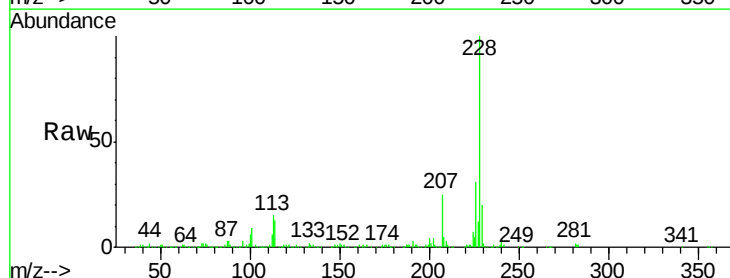
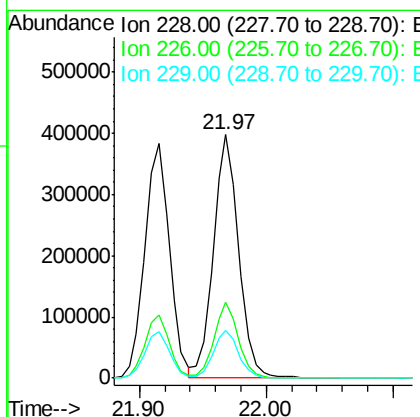
Manual Integrations
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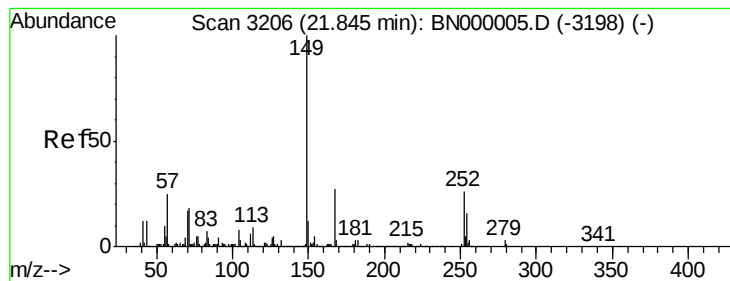
Sohil
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#82
 Chrysene
 Concen: 3.811 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.685 ng

RT: 21.82 min Scan# 3202

Delta R.T. -0.03 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

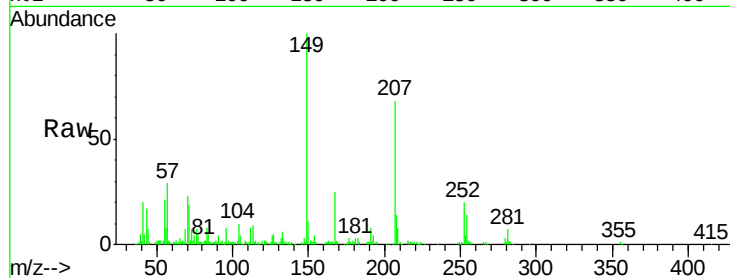
ClientSampleId :

MDL-S-02

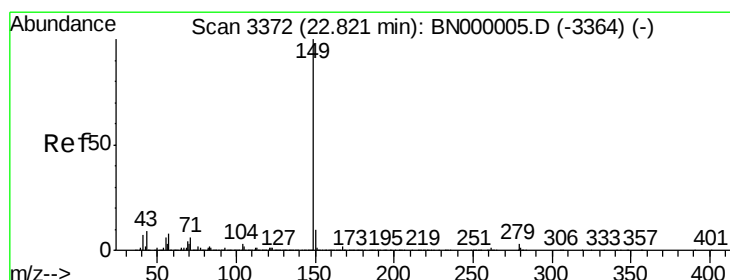
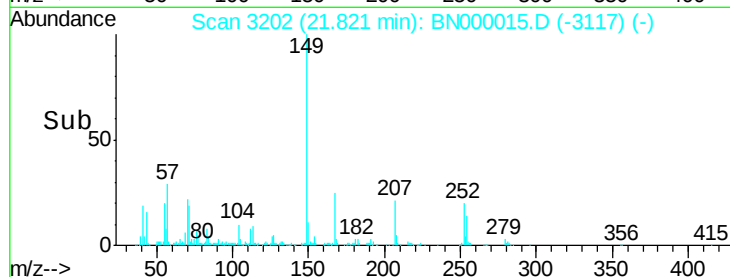
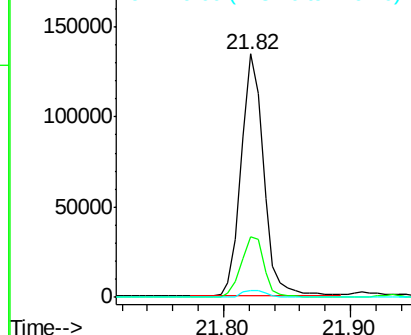
Tot Ion:	149	Resp:	164962
Ion Ratio	Lower	Upper	
149	100		
167	24.8	24.3	36.5
279	2.9	4.0	6.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 1.385 ng

RT: 22.79 min Scan# 3367

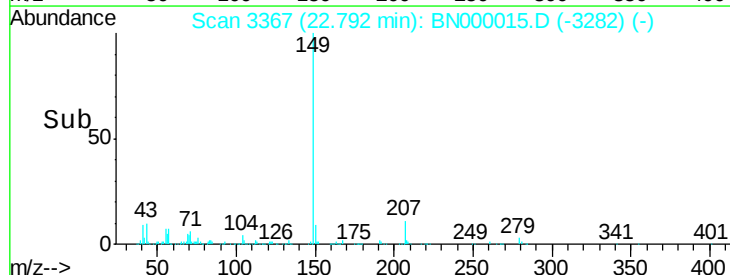
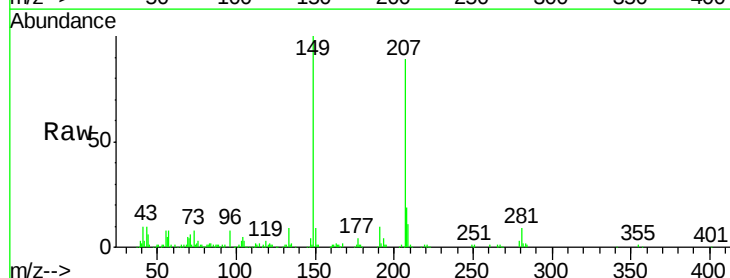
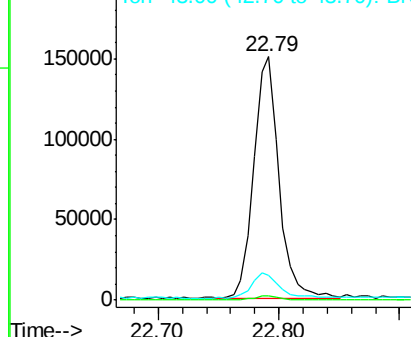
Delta R.T. -0.03 min

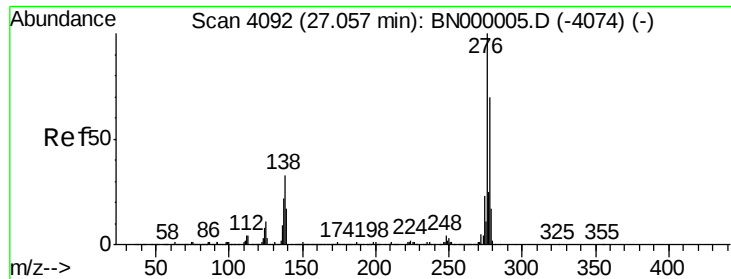
Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	149	Resp:	219463
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	11.9	8.9	13.3

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.047 ng

RT: 27.00 min Scan# 4083

Delta R.T. -0.04 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

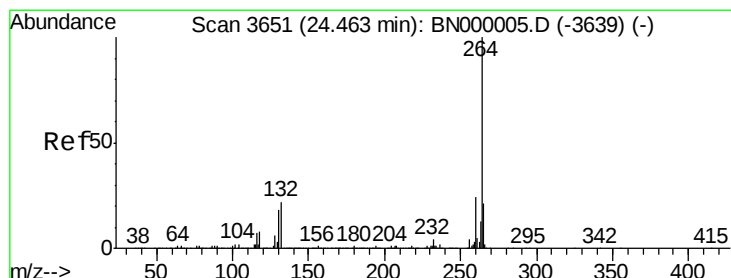
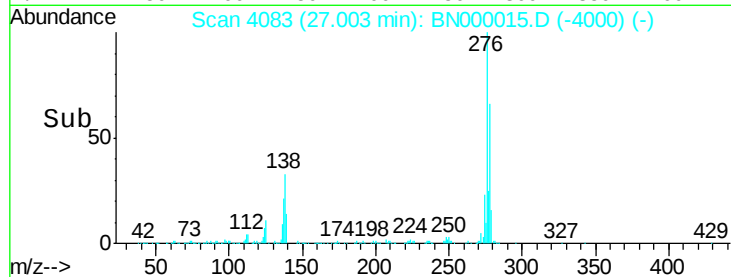
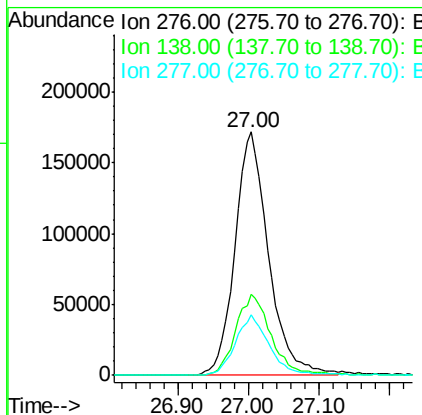
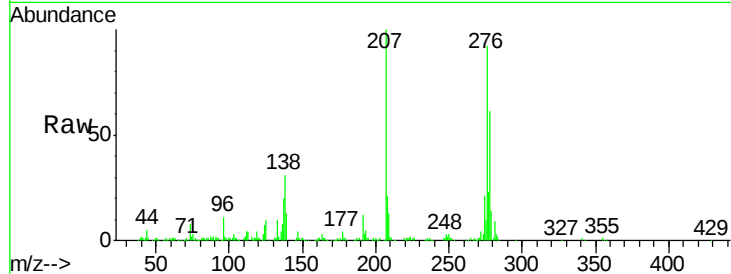
ClientSampleId :

MDL-S-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	16.0	24.0#
277	24.9	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

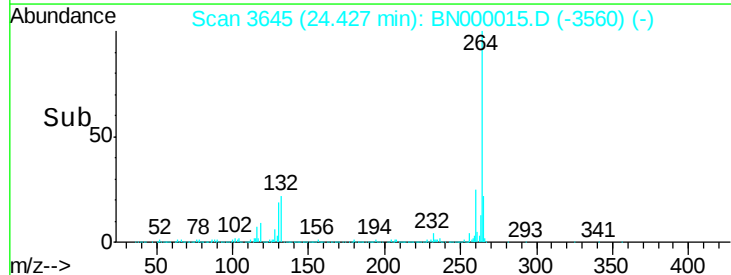
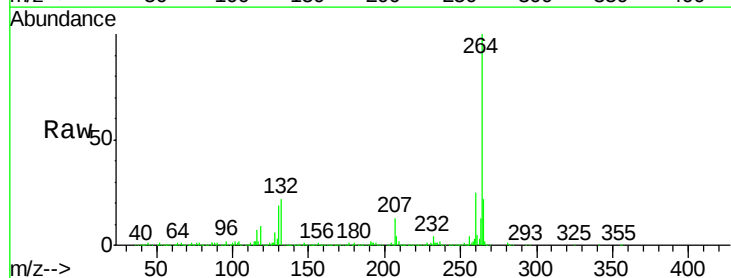
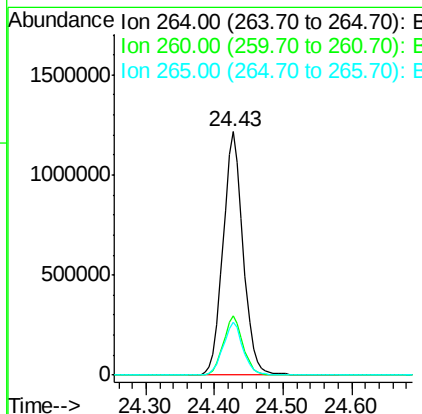
RT: 24.43 min Scan# 3645

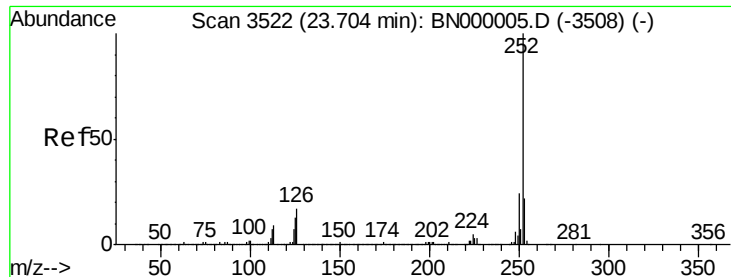
Delta R.T. -0.03 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 3.330 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

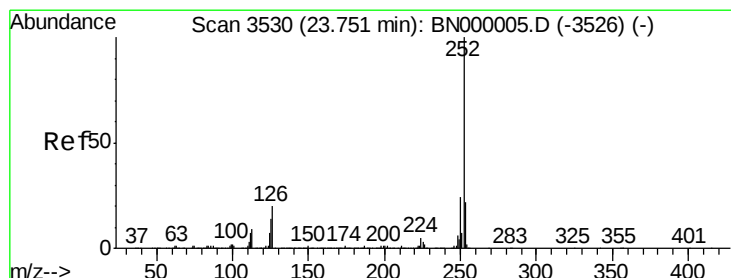
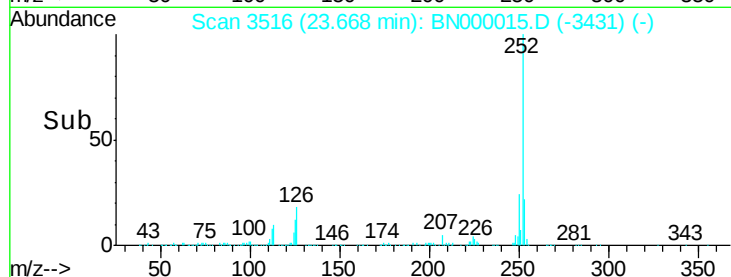
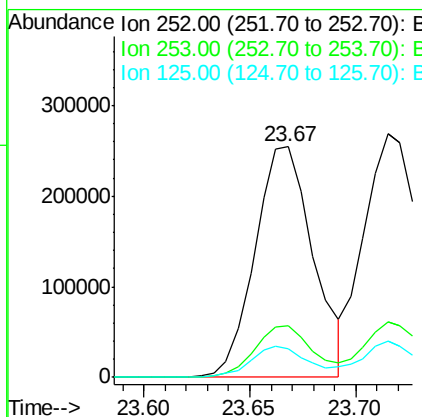
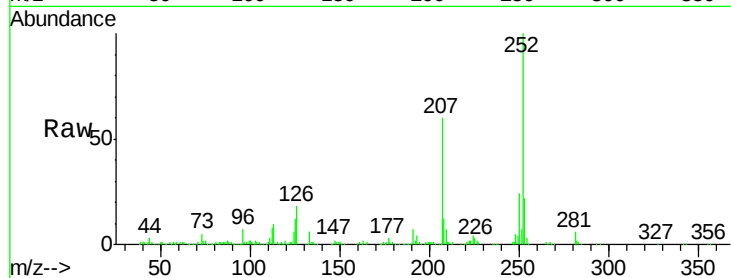
ClientSampleId :

MDL-S-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.5	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 3.563 ng

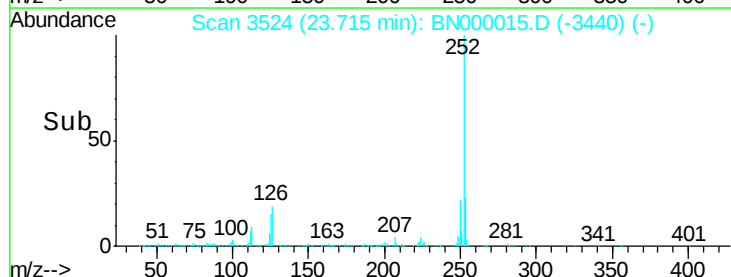
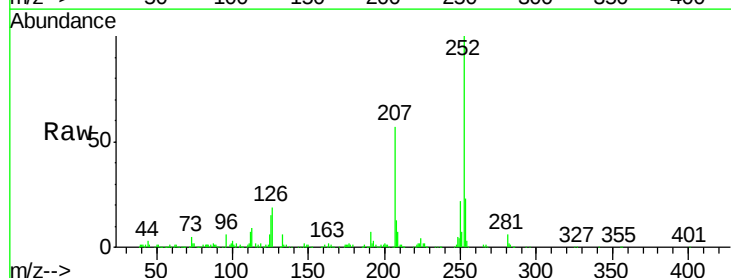
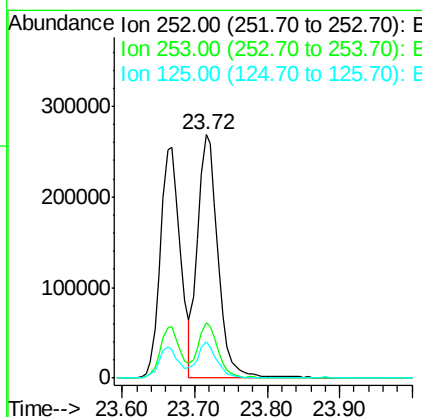
RT: 23.72 min Scan# 3524

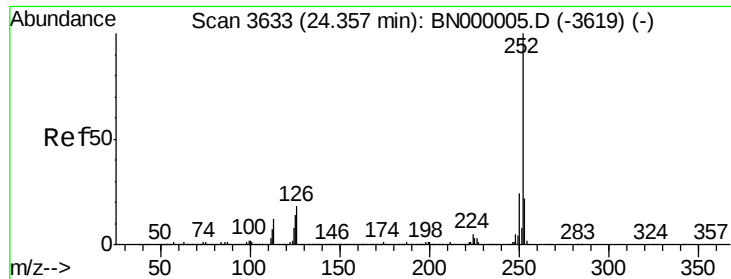
Delta R.T. -0.04 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	14.9	6.6	9.8





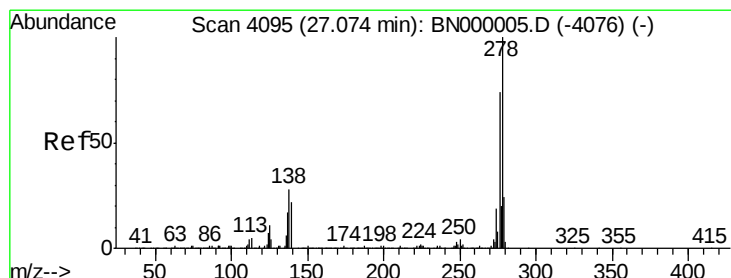
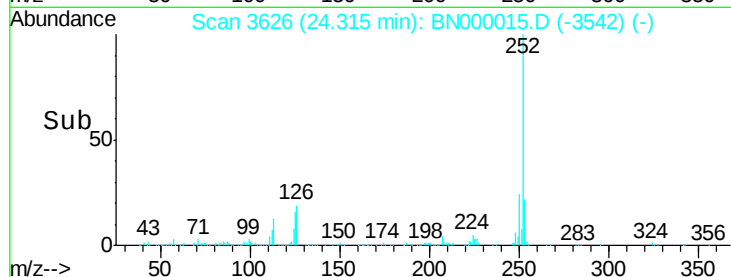
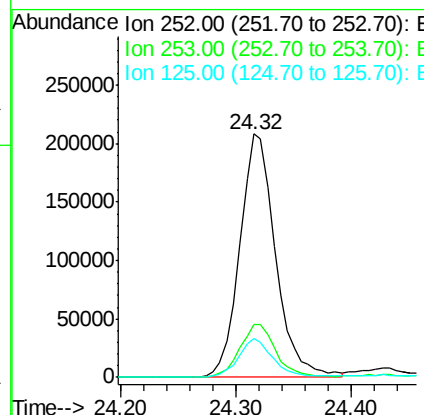
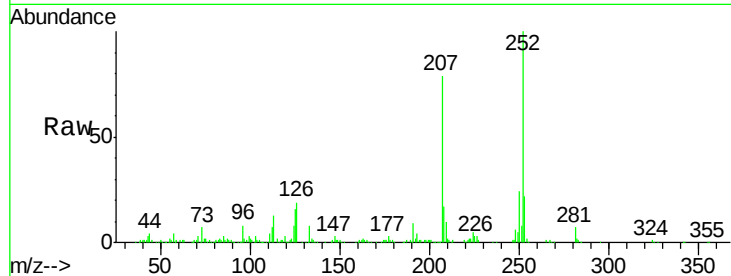
#89
Benzo(a)pyrene
Concen: 3.145 ng
RT: 24.32 min Scan# 3626
Delta R.T. -0.04 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	16.1	7.3	10.9

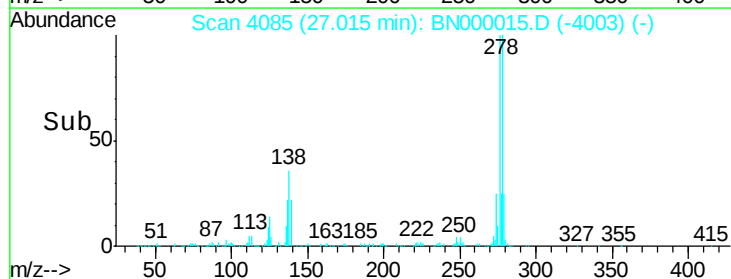
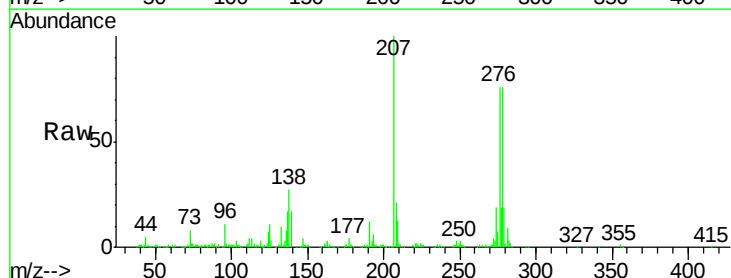
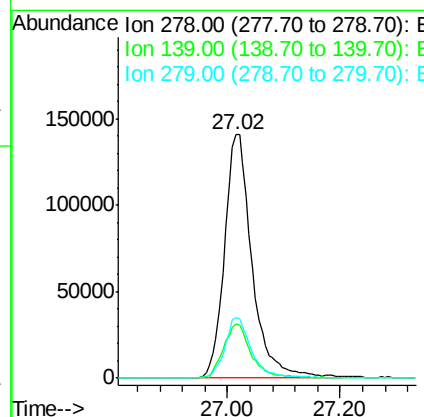
Manual Integrations
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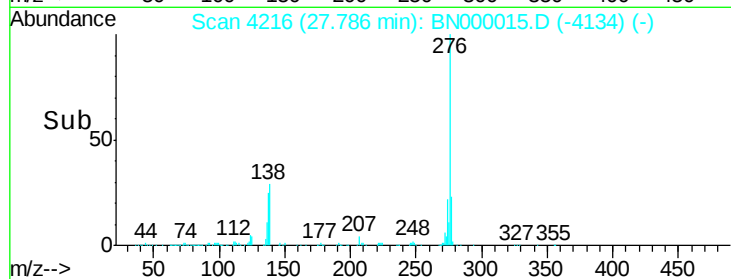
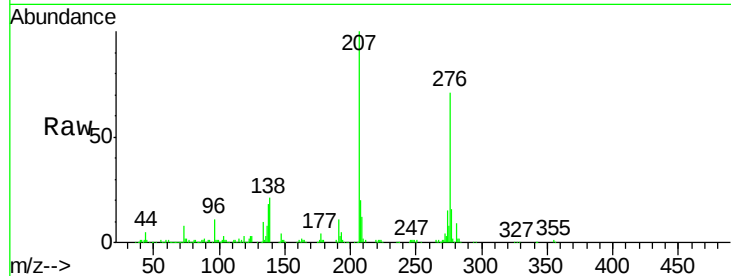
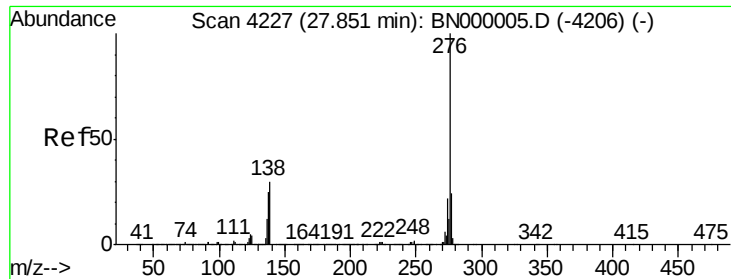
Sohil
2/6/2018 5:15:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 3.218 ng
RT: 27.02 min Scan# 4085
Delta R.T. -0.05 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	9.8	14.6
279	24.7	18.4	27.6





#91
Benzo(a,h,i)perylene
Concen: 3.182 ng
RT: 27.79 min Scan# 4216
Delta R.T. -0.05 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.3	27.5
138	29.5	13.9	20.9

Manual Integrations
APPROVED

Sohil
2/6/2018 5:15:23 PM

