

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000027.D
 Acq On : 06 Feb 2018 11:53
 Operator :
 Sample : MDL-W-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Manual Integrations
 APPROVED

Sohil
 2/7/2018 5:15:35 PM

Quant Time: Feb 07 16:43:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	294817	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1459345	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	902198	20.00	ng	-0.01
63) Phenanthrene-d10	17.80	188	2179273	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2546119	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2706652	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2923426	146.21	ng	0.00
7) Phenol-d6	7.59	99	4149368	136.62	ng	0.00
23) Nitrobenzene-d5	9.65	82	2014602	83.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	1132370	124.86	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5560113	82.54	ng	-0.01
78) Terphenyl-d14	20.37	244	8838098	91.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	23619	2.986	ng	# 95
3) Pyridine	4.15	79	34176	1.425	ng	# 93
4) n-Nitrosodimethylamine	4.02	42	16923	2.398	ng	# 80
6) Aniline	7.78	93	103812	2.507	ng	92
8) 2-Chlorophenol	8.02	128	80630	3.645	ng	88
9) Benzaldehyde	7.59	77	66994	1.931	ng	96
10) Phenol	7.62	94	113639	3.660	ng	94
11) bis(2-Chloroethyl)ether	7.88	93	72345	2.921	ng	# 84
12) 1,3-Dichlorobenzene	8.36	146	74503	3.034	ng	99
13) 1,4-Dichlorobenzene	8.51	146	77359	3.067	ng	95
14) 1,2-Dichlorobenzene	8.83	146	75153	3.016	ng	90
15) Benzyl Alcohol	8.70	79	53932	2.418	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.00	45	79818	2.980	ng	78
17) 2-Methylphenol	8.90	107	64168	2.866	ng	96
18) Hexachloroethane	9.58	117	24619	2.847	ng	# 74
19) n-Nitroso-di-n-propylamine	9.28	70	45258	2.211	ng	# 86
20) 3+4-Methylphenols	9.23	107	80010	2.552	ng	90
22) Acetophenone	9.30	105	115002	2.668	ng	# 89
24) Nitrobenzene	9.69	77	82190	3.175	ng	94
25) Isophorone	10.22	82	131228	2.296	ng	97
26) 2-Nitrophenol	10.41	139	16282	8.933	ng	94
27) 2,4-Dimethylphenol	10.45	122	83893	3.579	ng	91
28) bis(2-Chloroethoxy)methane	10.70	93	102243	3.101	ng	98
29) 2,4-Dichlorophenol	10.95	162	50942	2.533	ng	96
30) 1,2,4-Trichlorobenzene	11.17	180	70690	3.002	ng	98
31) Naphthalene	11.36	128	252367	3.083	ng	# 95
32) Benzoic acid	10.48	122	17616m	7.725	ng	
33) 4-Chloroaniline	11.46	127	97809	2.578	ng	95
34) Hexachlorobutadiene	11.64	225	35414	2.952	ng	94
35) Caprolactam	12.17	113	14172	1.585	ng	95
36) 4-Chloro-3-methylphenol	12.54	107	61505	2.249	ng	89
37) 2-Methylnaphthalene	12.94	142	170142	2.942	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	78941	3.004	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	23632	2.692	ng	99

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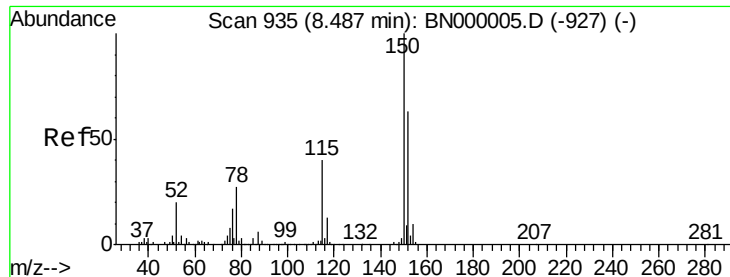
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	31162	2.006	nq	93
43) 2,4,5-Trichlorophenol	13.59	196	36369	1.988	nq #	92
45) 1,1'-Biphenyl	13.93	154	259923	3.224	nq	97
46) 2-Chloronaphthalene	13.97	162	181867	3.005	nq	98
47) 2-Nitroaniline	14.16	65	27035	8.661	nq	96
48) Acenaphthylene	14.81	152	252375	2.484	nq	98
49) Dimethylphthalate	14.52	163	212490	2.635	nq	98
50) 2,6-Dinitrotoluene	14.64	165	24157	6.937	nq #	84
51) Acenaphthene	15.15	154	185527	2.893	nq	96
52) 3-Nitroaniline	14.97	138	31065	7.474	nq	94
53) 2,4-Dinitrophenol	15.17	184	6320	6.414	nq #	19
54) Dibenzofuran	15.47	168	300721	3.268	nq	93
55) 4-Nitrophenol	15.24	139	19881	8.133	nq	91
56) 2,4-Dinitrotoluene	15.42	165	30602	8.368	nq #	94
57) Fluorene	16.12	166	233416	3.012	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	31089	2.087	nq #	79
59) Diethylphthalate	15.86	149	206879	2.456	nq	95
60) 4-Chlorophenyl-phenylether	16.10	204	107254	3.132	nq	90
61) 4-Nitroaniline	16.11	138	32962	7.493	nq	97
62) Azobenzene	16.39	77	209645	2.490	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	9149	9.891	nq	85
65) n-Nitrosodiphenylamine	16.31	169	188308	2.644	nq	95
66) 4-Bromophenyl-phenylether	16.99	248	59764	2.931	nq #	88
67) Hexachlorobenzene	17.11	284	71572	3.046	nq #	87
68) Atrazine	17.23	200	48092	2.215	nq	94
69) Pentachlorophenol	17.44	266	19837	1.410	nq	98
70) Phenanthrene	17.85	178	423763	3.232	nq	98
71) Anthracene	17.93	178	365784	2.816	nq	99
72) Carbazole	18.19	167	349217	2.598	nq #	95
73) Di-n-butylphthalate	18.73	149	257980	1.728	nq #	96
74) Fluoranthene	19.83	202	411116	2.761	nq	96
76) Benzidine	19.99	184	85501	1.327	nq #	92
77) Pyrene	20.19	202	459057	2.858	nq	98
79) Butylbenzylphthalate	21.05	149	82119	6.098	nq #	92
80) Benzo(a)anthracene	21.92	228	468355	2.967	nq	97
81) 3,3'-Dichlorobenzidine	21.84	252	103203	1.951	nq #	95
82) Chrysene	21.97	228	504331	3.217	nq	98
83) Bis(2-ethylhexyl)phthalate	21.83	149	134989	1.274	nq #	92
84) Di-n-octyl phthalate	22.79	149	199595	1.164	nq	100
85) Indeno(1,2,3-cd)pyrene	27.00	276	519900	2.571	nq #	85
87) Benzo(b)fluoranthene	23.67	252	458673	2.850	nq #	95
88) Benzo(k)fluoranthene	23.72	252	462900	2.869	nq #	94
89) Benzo(a)pyrene	24.32	252	417796	2.672	nq #	93
90) Dibenzo(a,h)anthracene	27.02	278	448489	2.741	nq #	91
91) Benzo(g,h,i)perylene	27.79	276	453539	2.727	nq #	90

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



#1

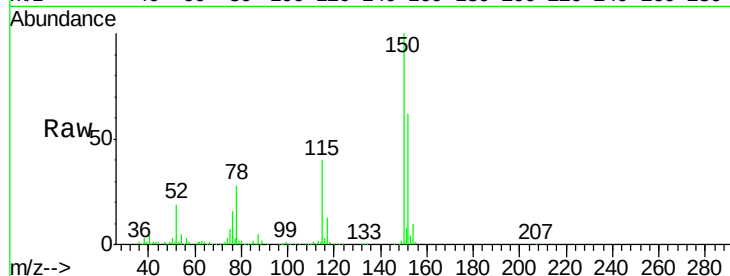
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	64.7	53.0	79.4

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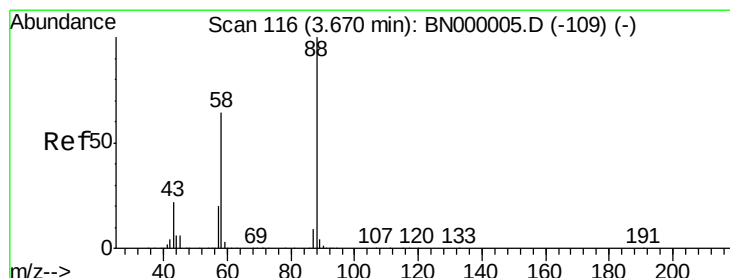
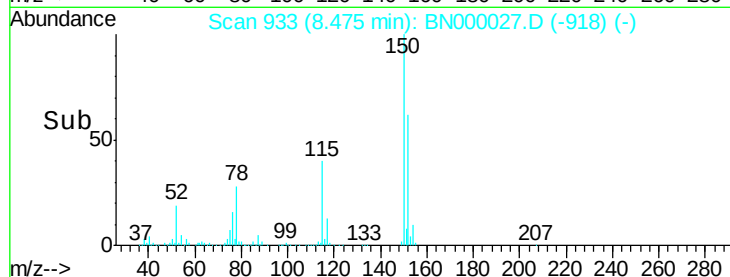
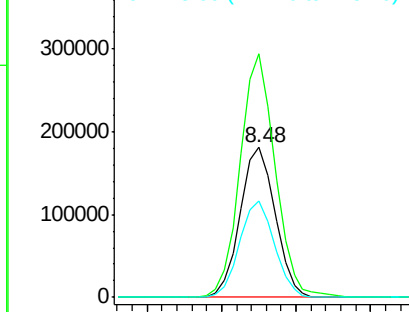


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

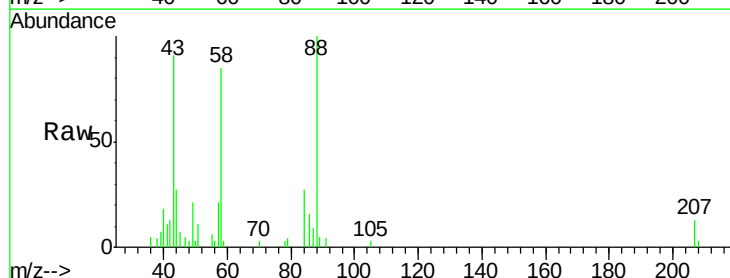
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.986 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	52.0	78.0
43	16.4	20.0	30.0

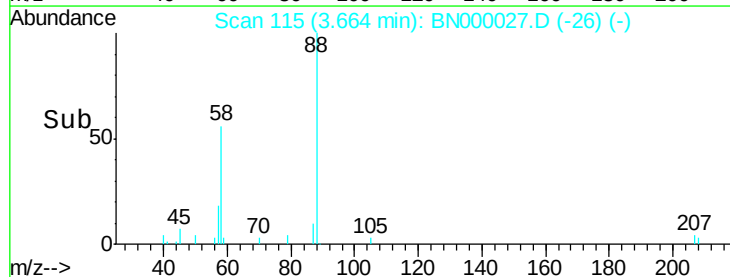
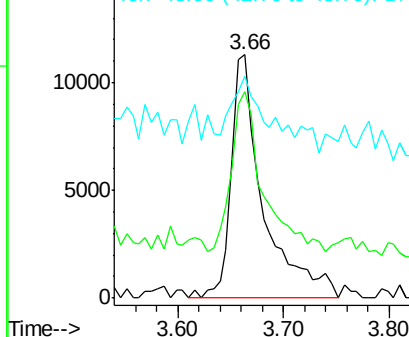


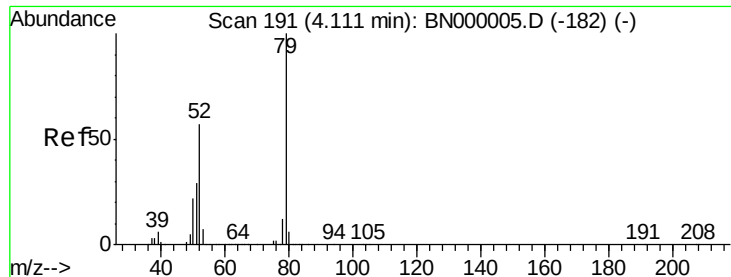
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 1.425 ng

RT: 4.15 min Scan# 197

Delta R.T. 0.03 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

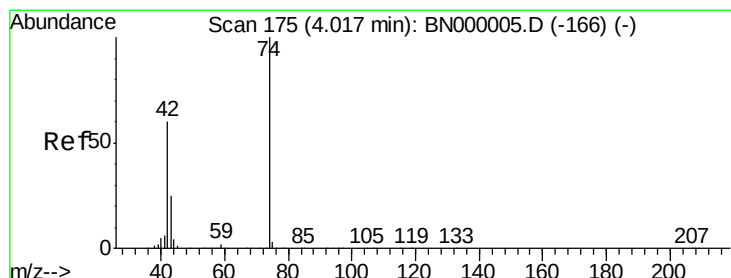
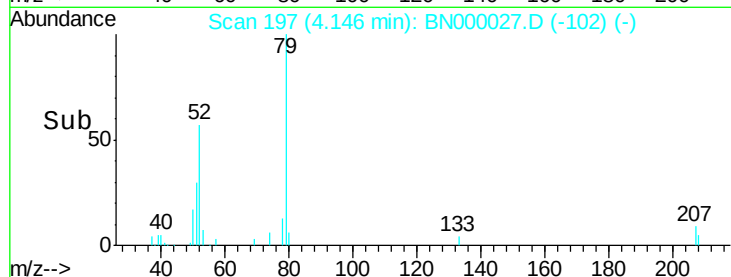
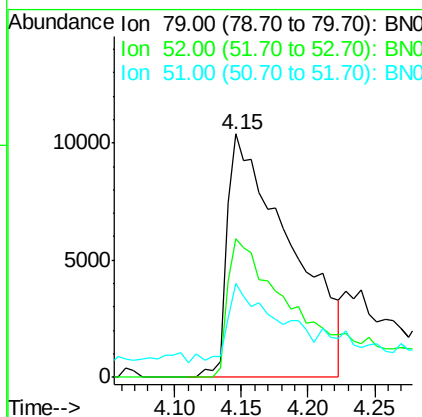
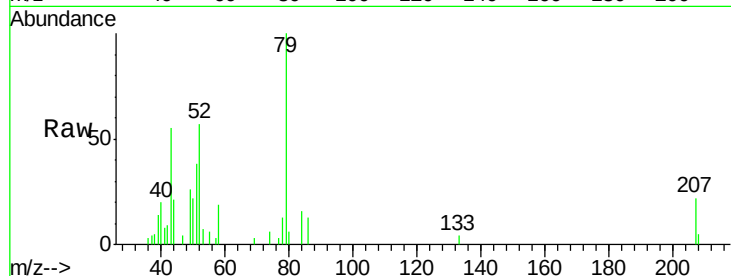
ClientSampled :

MDL-W-04

Tot Ion:	79	Resp:	34176
Ion Ratio	Lower	Upper	
79	100		
52	57.1	44.0	66.0
51	38.4	24.0	36.0#

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#4

n-Nitrosodimethylamine

Concen: 2.398 ng

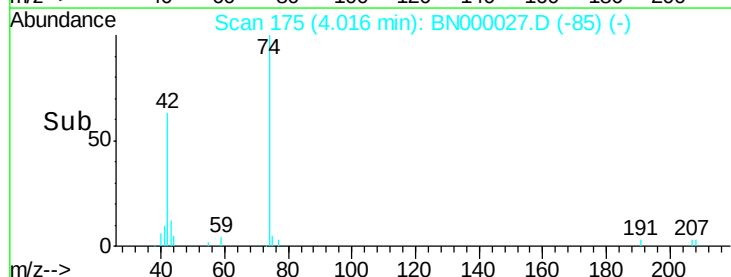
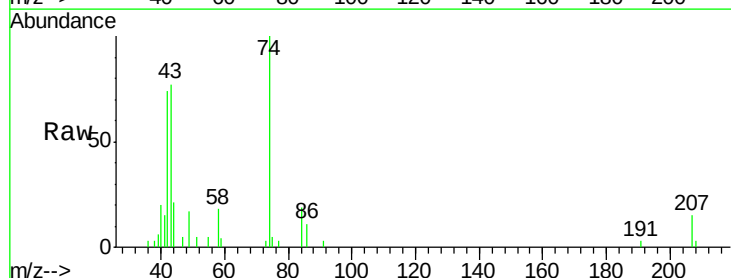
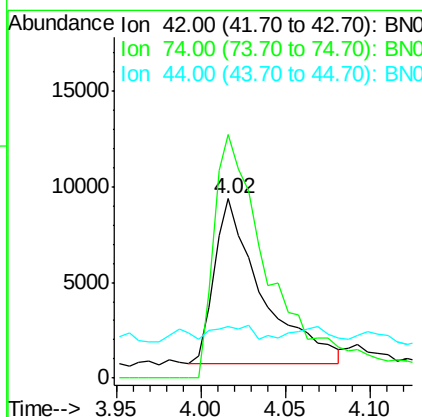
RT: 4.02 min Scan# 175

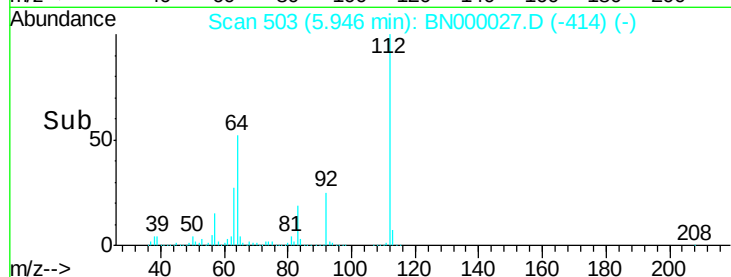
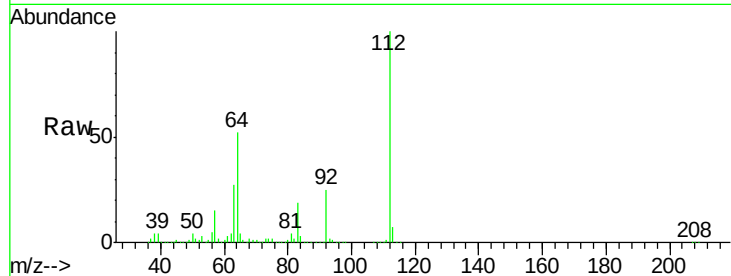
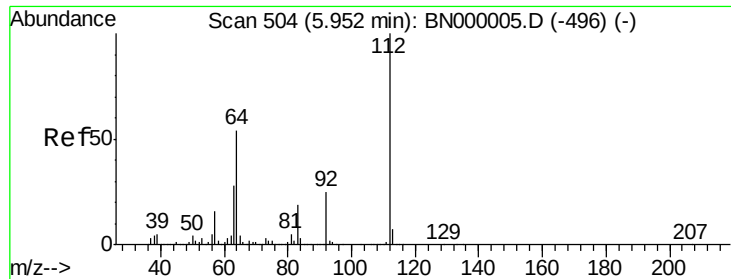
Delta R.T. -0.00 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	42	Resp:	16923
Ion Ratio	Lower	Upper	
42	100		
74	135.8	128.0	192.0
44	28.8	12.0	18.0#





#5

2-Fluorophenol

Concen: 146.206 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tot Ion:	112	Resp:	2923426
Ion	Ratio	Lower	Upper
112	100		
64	51.6	56.3	84.5#
63	26.5	30.1	45.1#

Instrument :

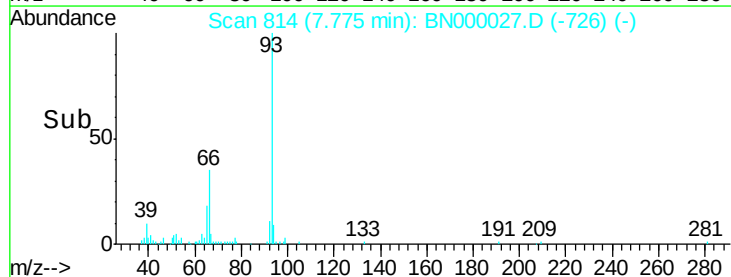
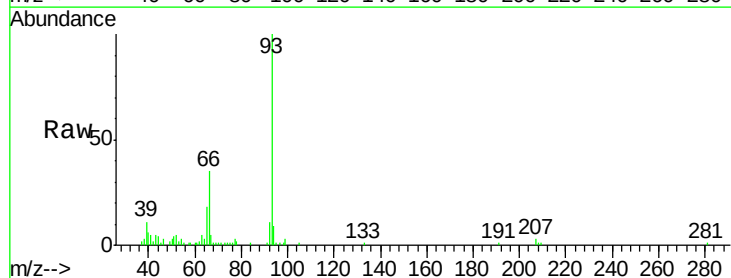
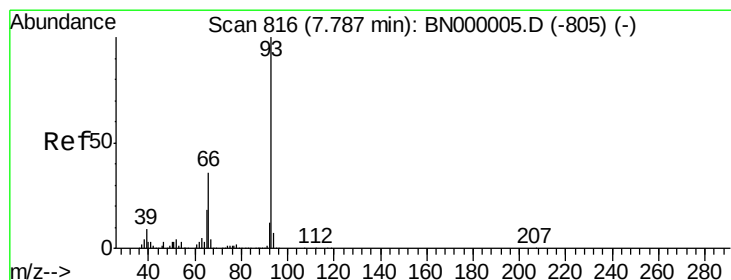
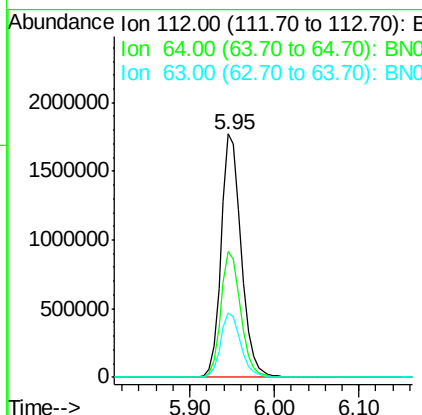
BNA_N

ClientSampleId :

MDL-W-04

Manual Integrations
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#6

Aniline

Concen: 2.507 ng

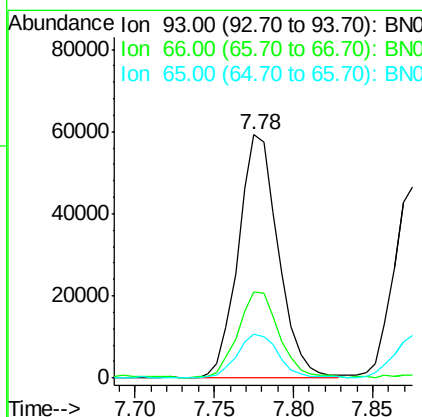
RT: 7.78 min Scan# 814

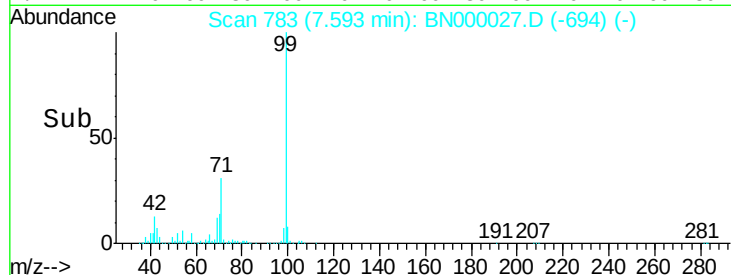
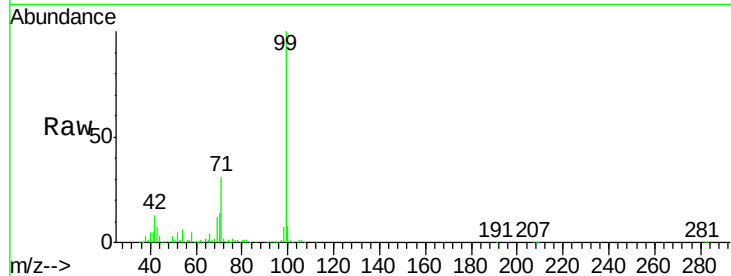
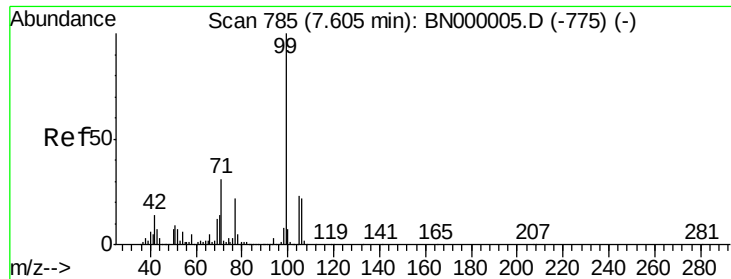
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	93	Resp:	103812
Ion	Ratio	Lower	Upper
93	100		
66	35.4	33.7	50.5
65	18.3	16.1	24.1





#7

Phenol-d6

Concen: 136.618 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tot Ion:	99	Resp:	4149368
Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.1	21.1#
71	30.7	26.1	39.1

Instrument :

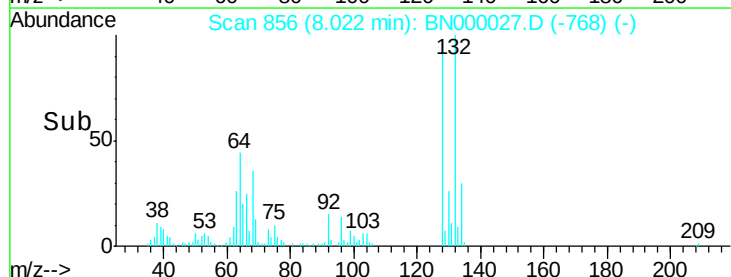
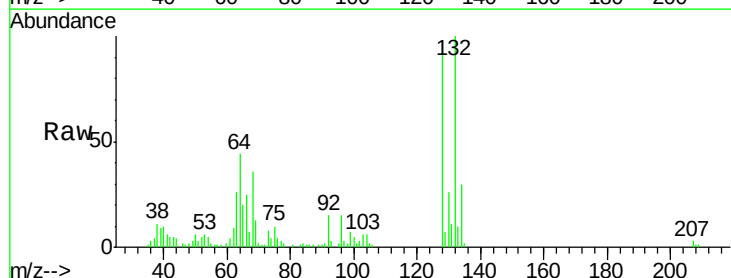
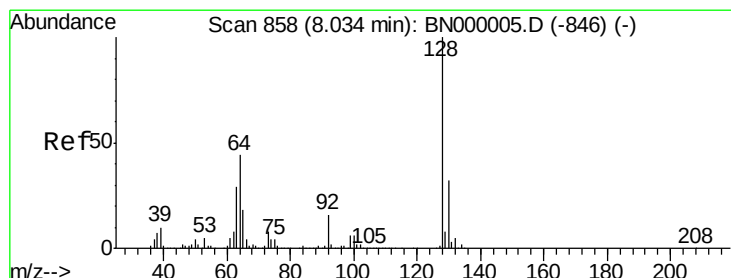
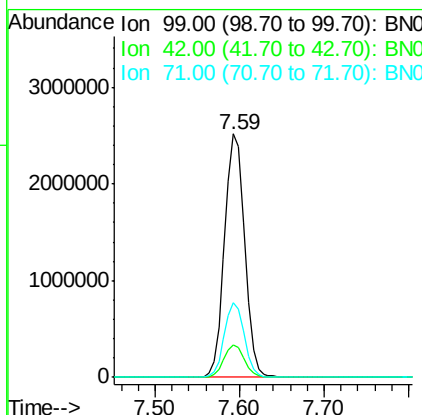
BNA_N

ClientSampled :

MDL-W-04

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#8

2-Chlorophenol

Concen: 3.645 ng

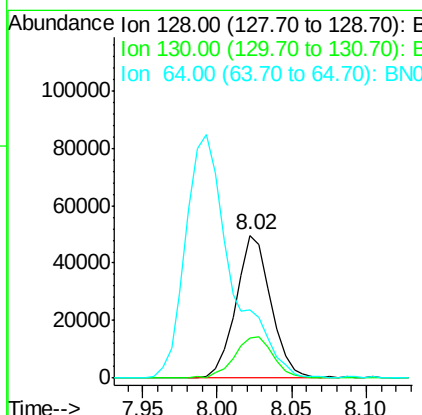
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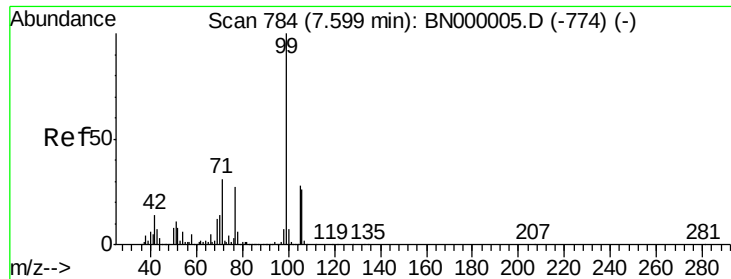
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	128	Resp:	80630
Ion	Ratio	Lower	Upper
128	100		
130	28.4	14.0	54.0
64	47.5	37.7	77.7





#9

Benzaldehyde

Concen: 1.931 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

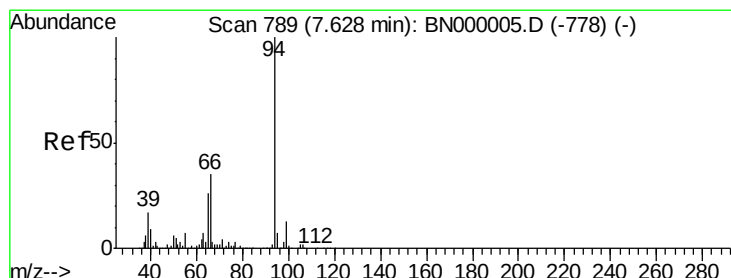
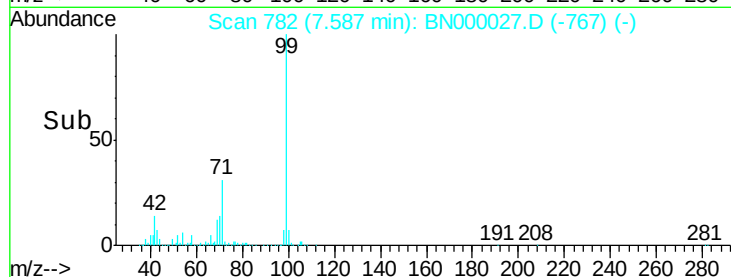
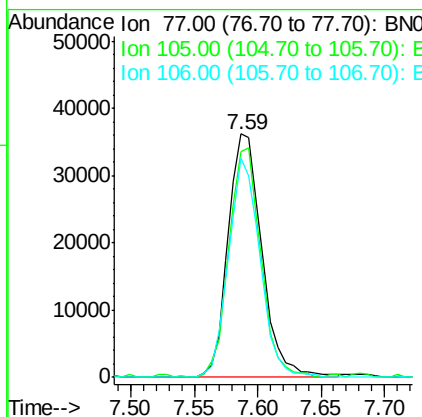
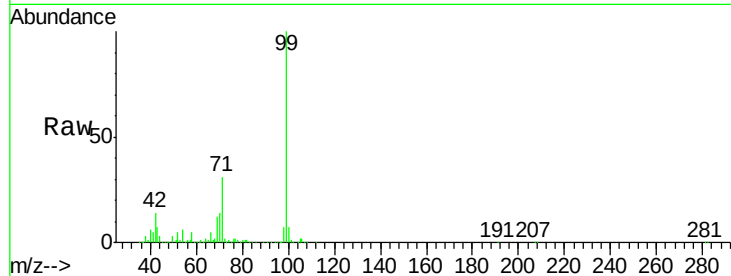
ClientSampled :

MDL-W-04

Tot Ion:	77	Resp:	66994
Ion	Ratio	Lower	Upper
77	100		
105	92.6	71.3	111.3
106	90.3	64.2	104.2

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#10

Phenol

Concen: 3.660 ng

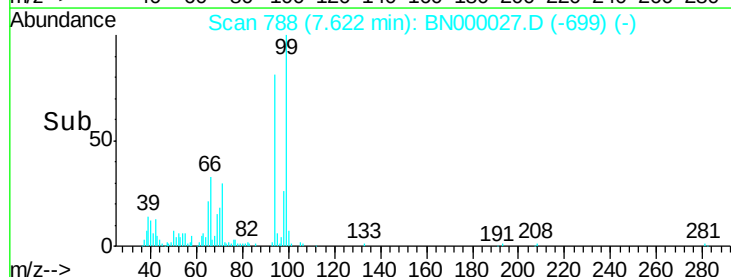
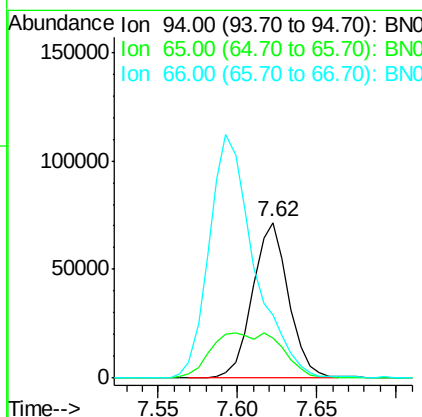
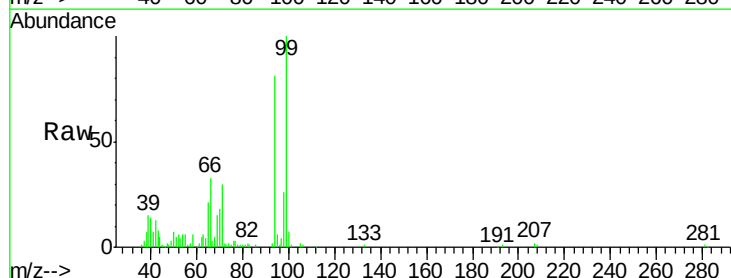
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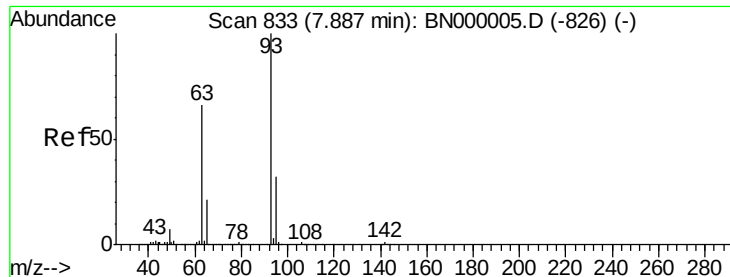
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	94	Resp:	113639
Ion	Ratio	Lower	Upper
94	100		
65	26.1	11.9	51.9
66	40.7	22.2	62.2





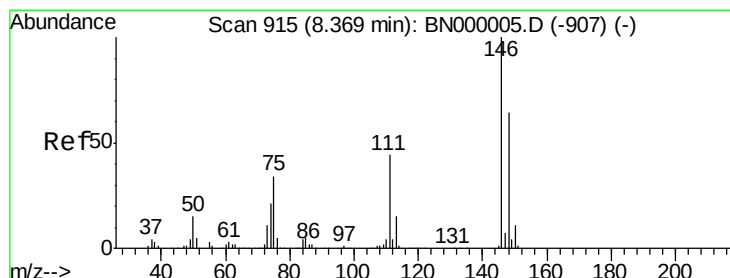
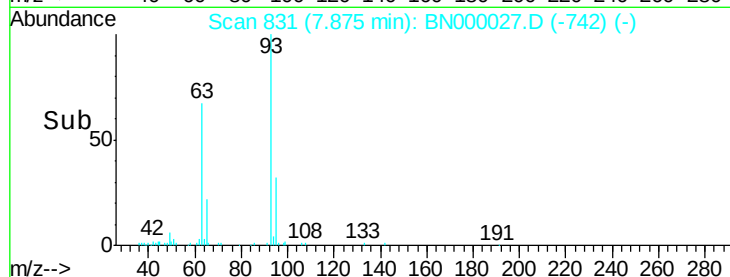
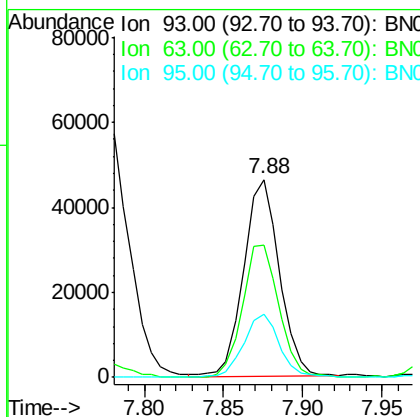
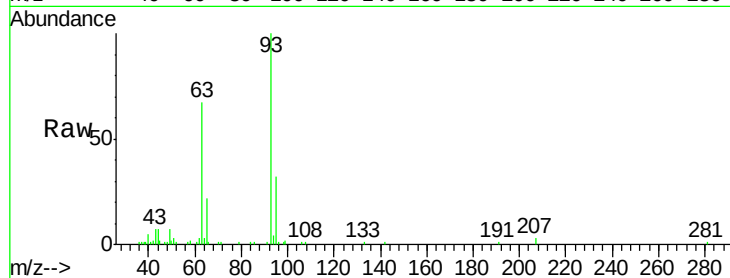
#11
bis(2-Chloroethyl)ether
Concen: 2.921 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	67.1	107.1#
95	32.1	11.5	51.5

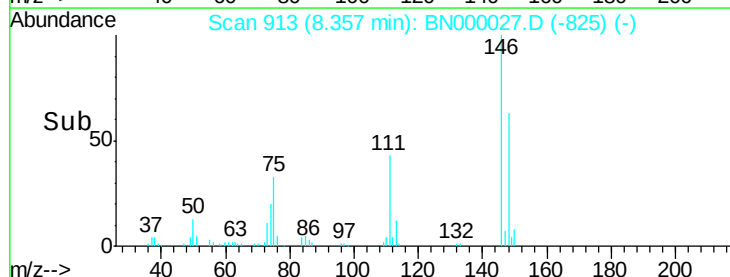
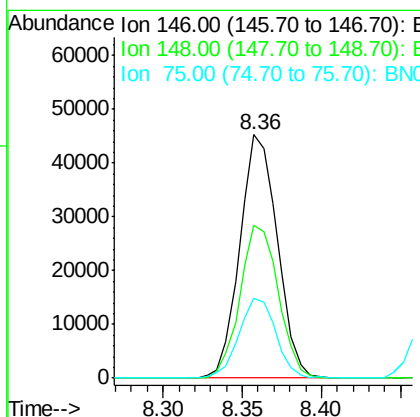
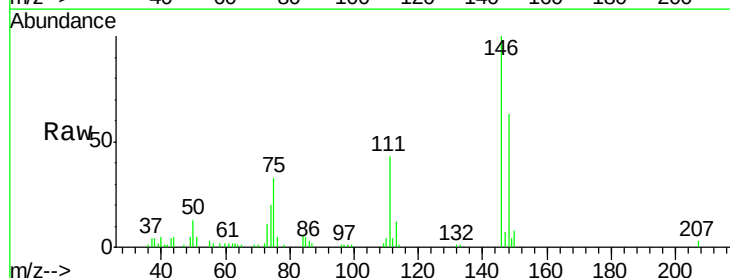
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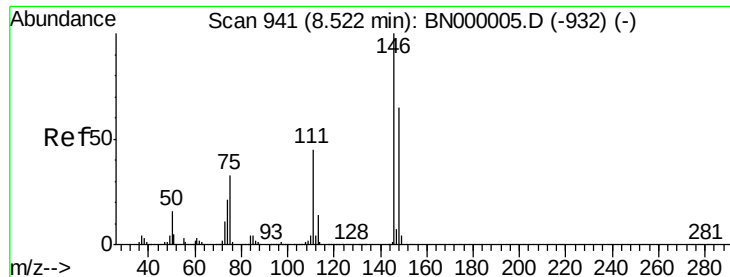
Sohil
2/7/2018 5:15:35 PM



#12
1,3-Dichlorobenzene
Concen: 3.034 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	33.0	26.6	39.8





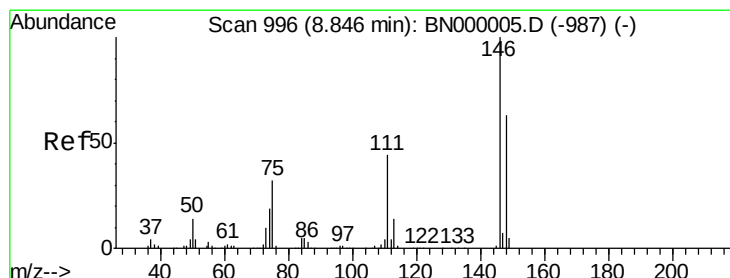
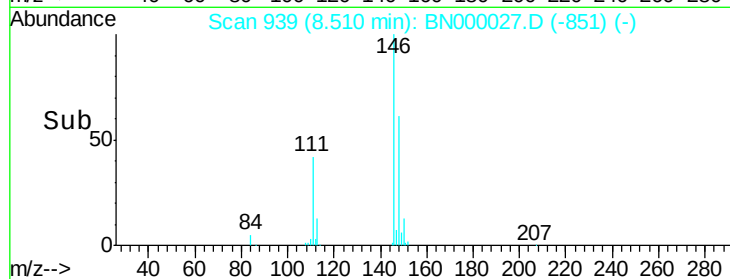
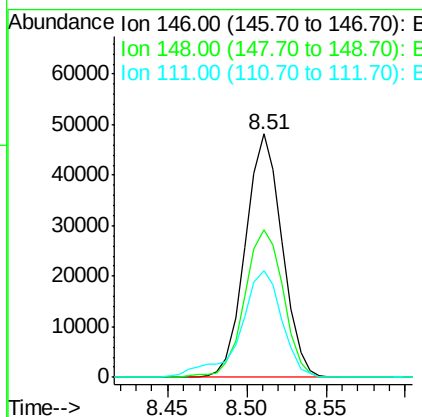
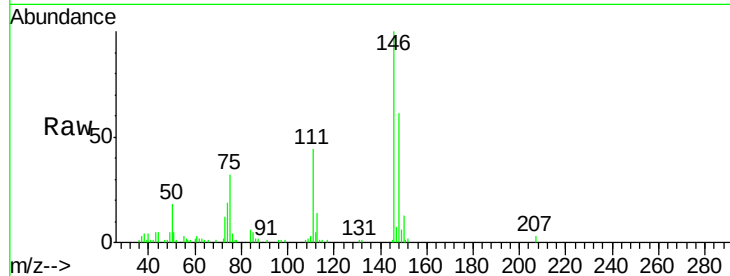
#13
 1,4-Dichlorobenzene
 Concen: 3.067 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.7	53.7	80.5
111	43.7	35.2	52.8

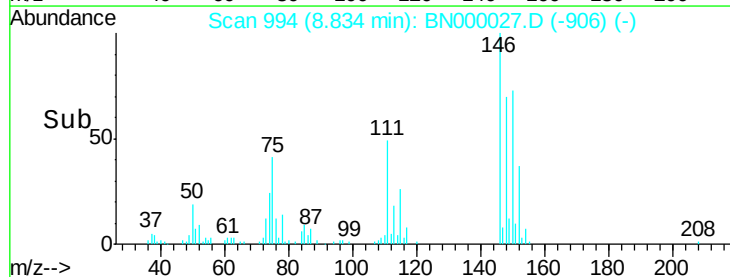
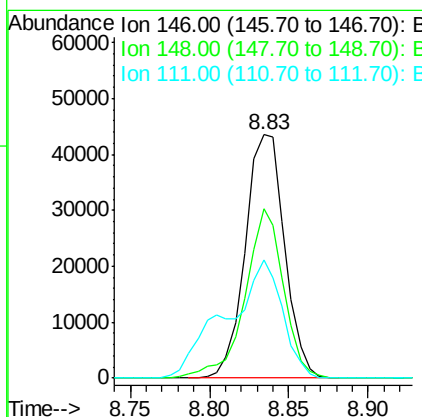
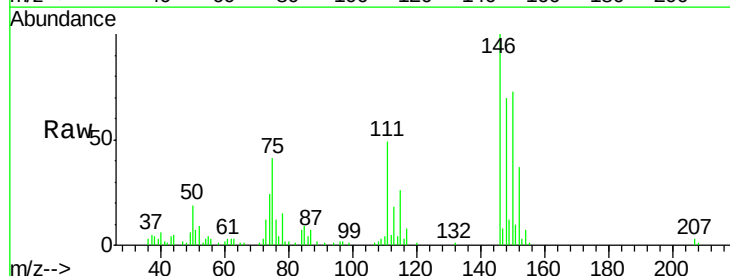
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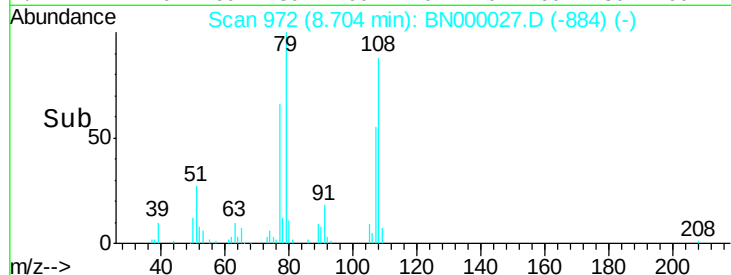
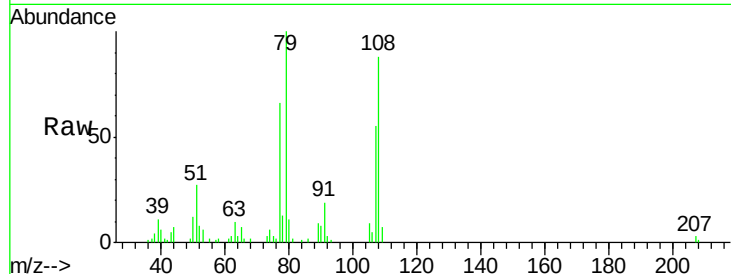
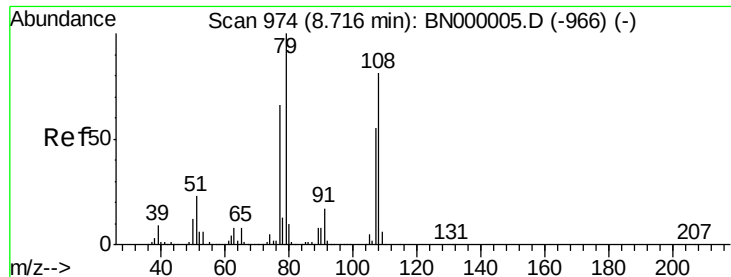
Sohil
 2/7/2018 5:15:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 3.016 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	49.3	73.9
111	48.7	34.3	51.5





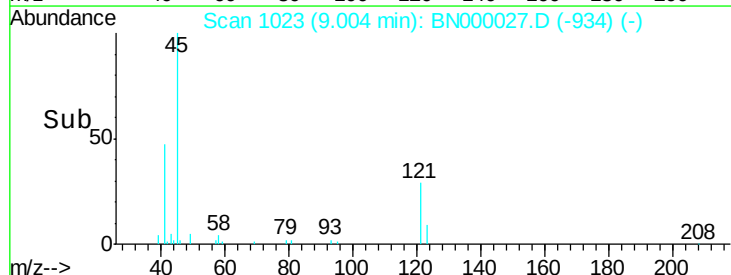
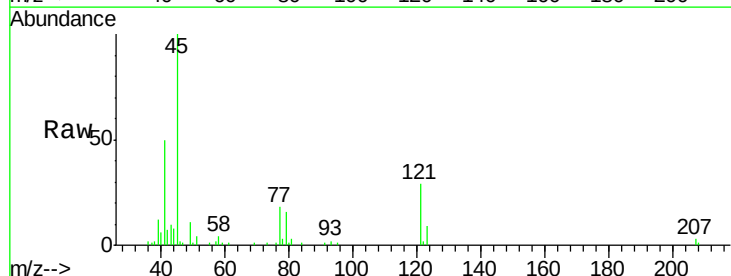
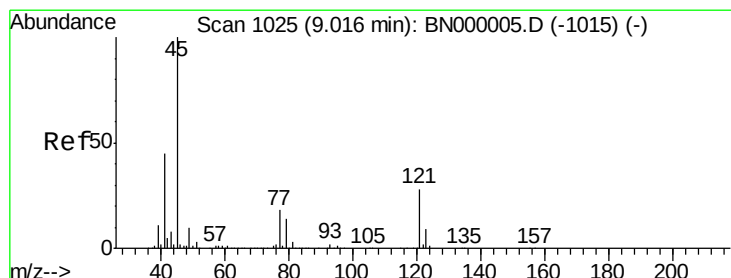
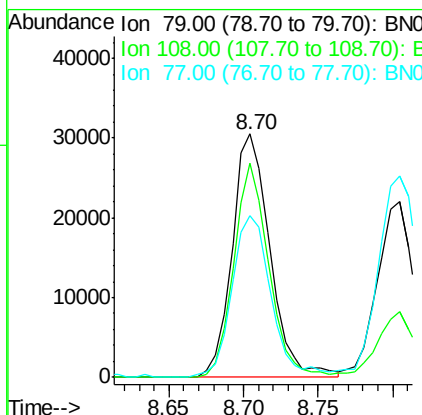
#15
Benzyl Alcohol
Concen: 2.418 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.0	57.2	85.8
77	66.4	46.1	69.1

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

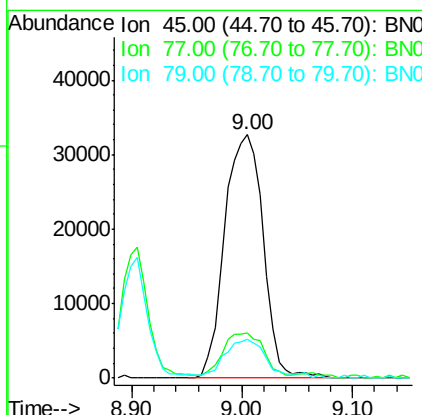
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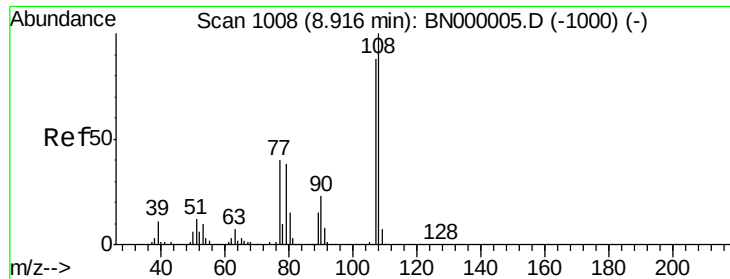
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.980 ng
RT: 9.00 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	30.2
79	15.8	0.0	27.9





#17

2-Methylphenol

Concen: 2.866 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

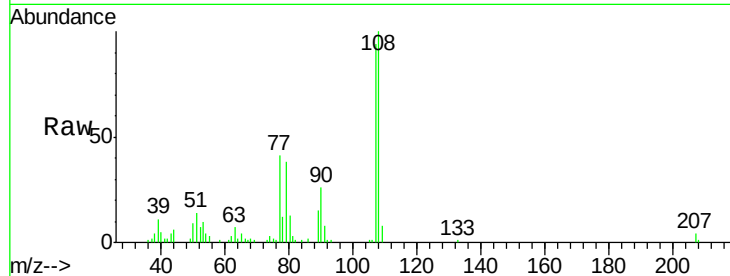
ClientSampled :

MDL-W-04

Tot Ion:	107	Resp:	64168
Ion	Ratio	Lower	Upper
107	100		
108	106.6	83.9	125.9
77	43.7	37.2	55.8
79	40.3	36.2	54.2

Manual Integrations
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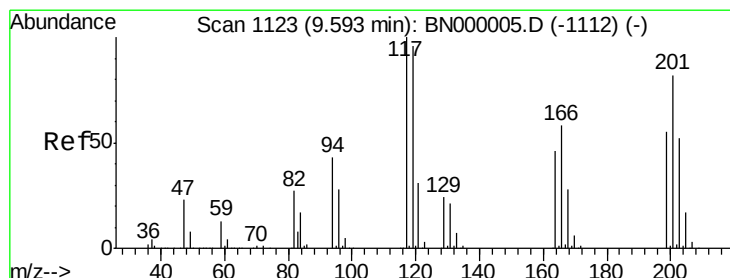
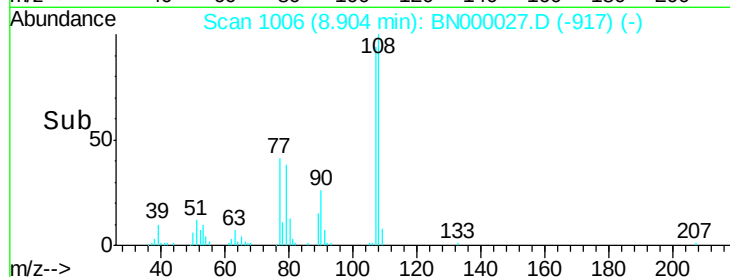
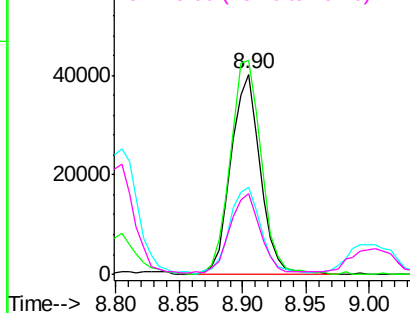
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 2.847 ng

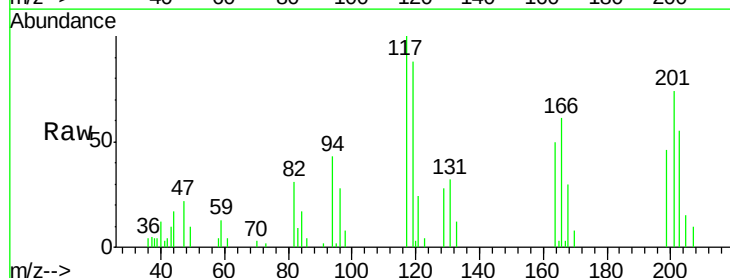
RT: 9.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	117	Resp:	24619
Ion	Ratio	Lower	Upper
117	100		
119	88.2	76.7	115.1
201	73.7	95.7	143.5#

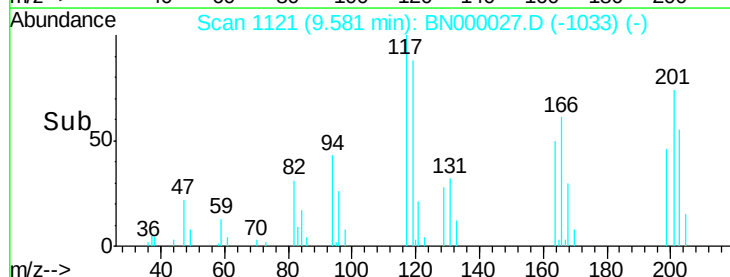
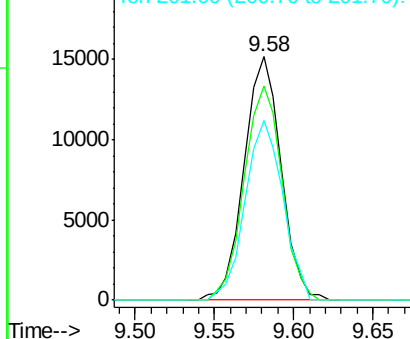


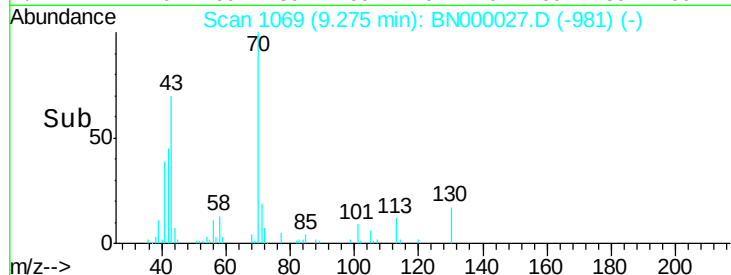
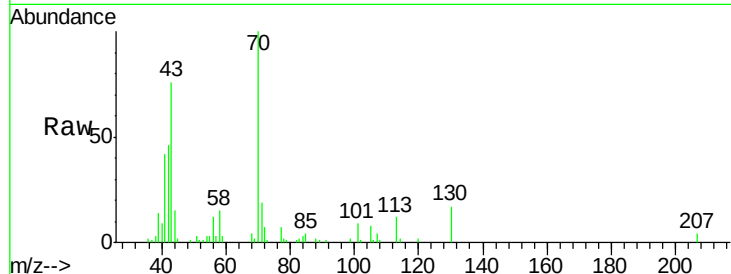
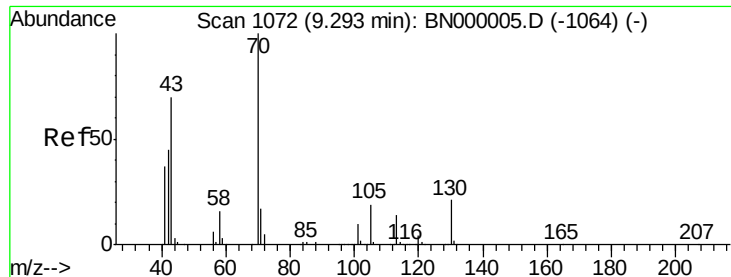
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





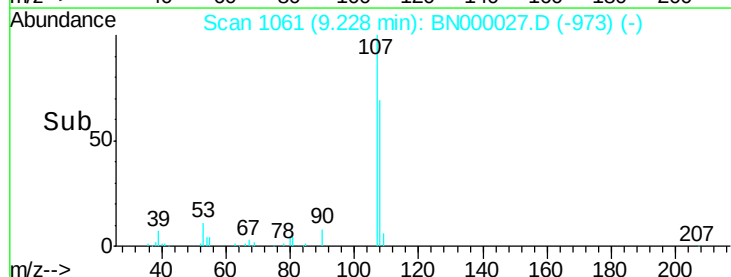
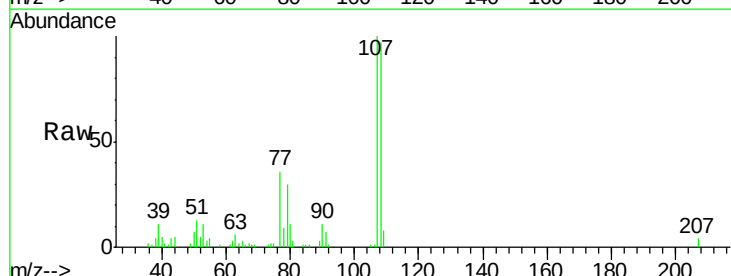
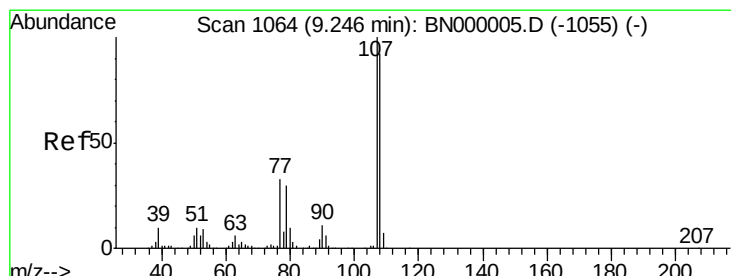
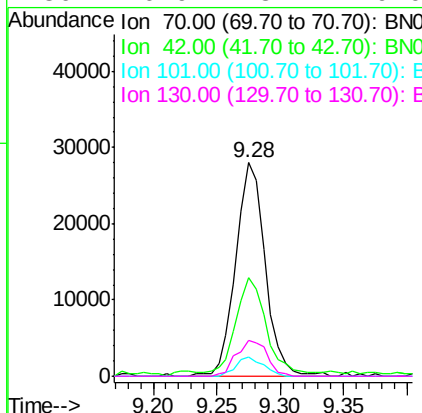
#19
n-Nitroso-di-n-propylamine
Concen: 2.211 ng
RT: 9.28 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.1	73.7#
101	9.0	8.5	12.7
130	16.9	13.4	20.0

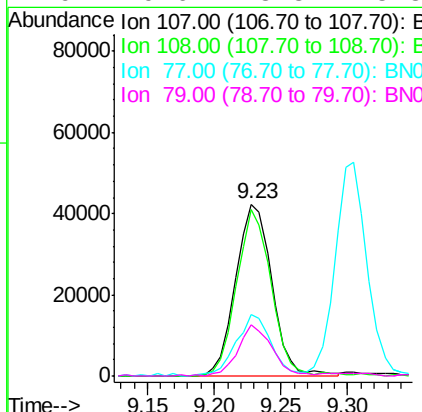
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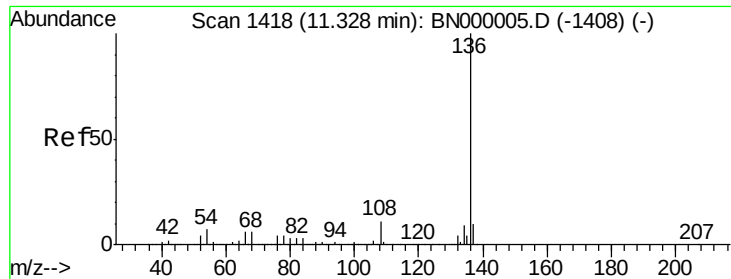
Sohil
2/7/2018 5:15:35 PM



#20
3+4-Methylphenols
Concen: 2.552 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.6	61.6	101.6
77	35.6	13.9	53.9
79	29.6	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: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

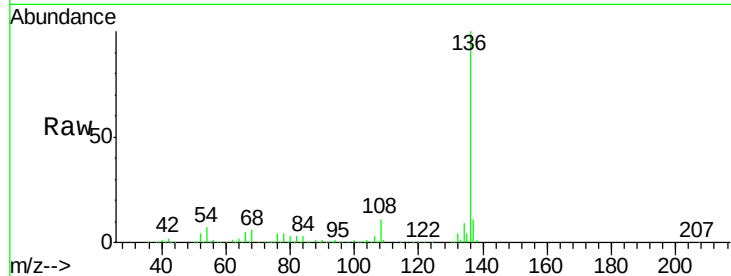
ClientSampled :

MDL-W-04

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	10.3	15.5#
68	6.0	4.5	6.7

Manual Integrations
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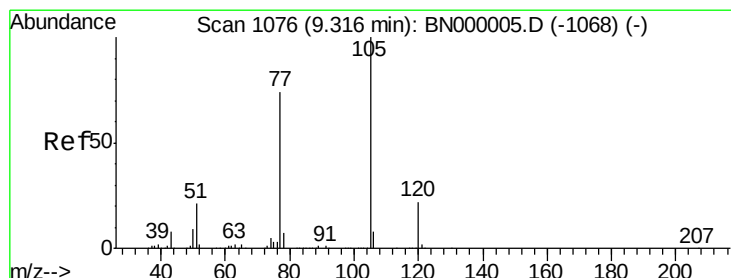
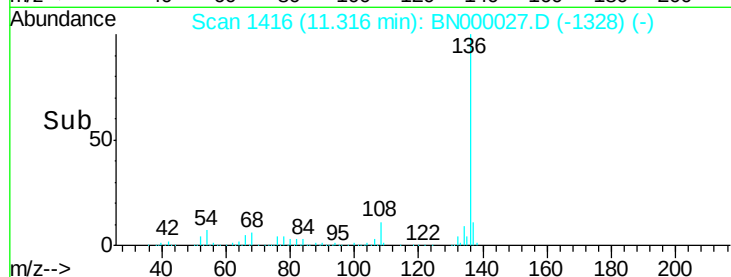
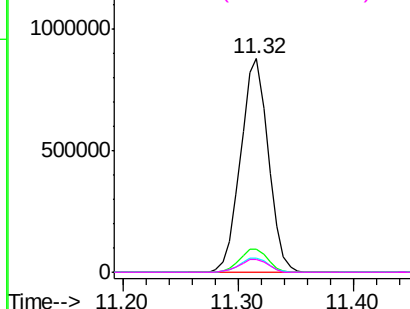


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 2.668 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

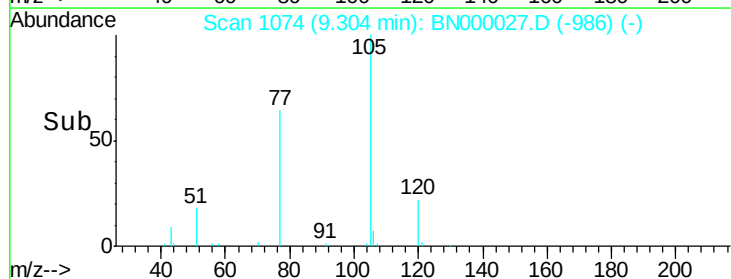
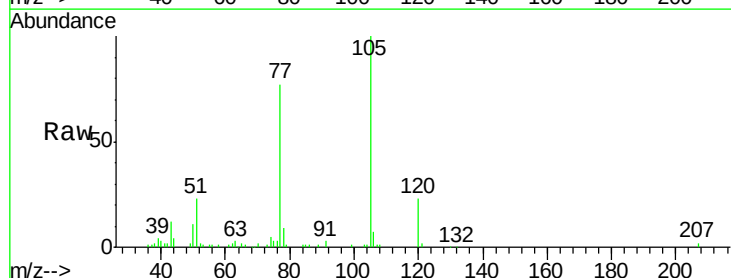
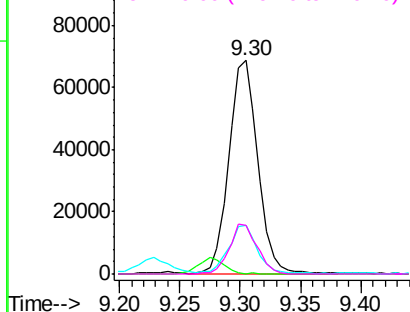
Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	22.7	26.1	39.1#
120	22.7	17.4	26.2

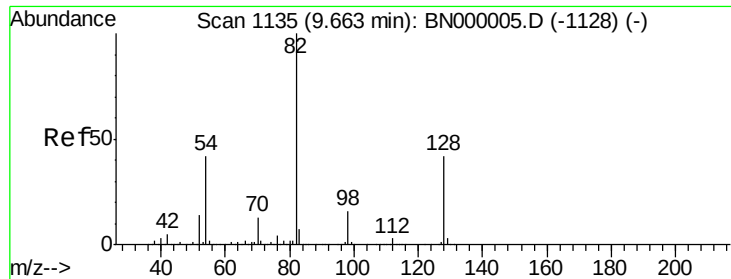
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





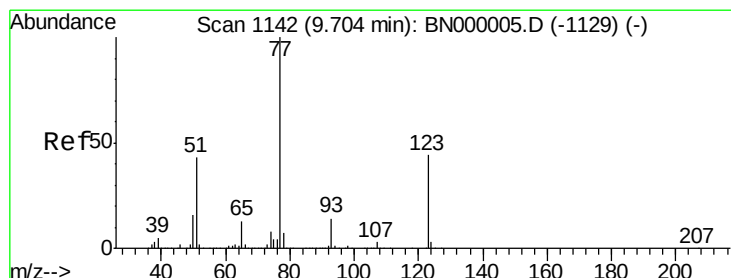
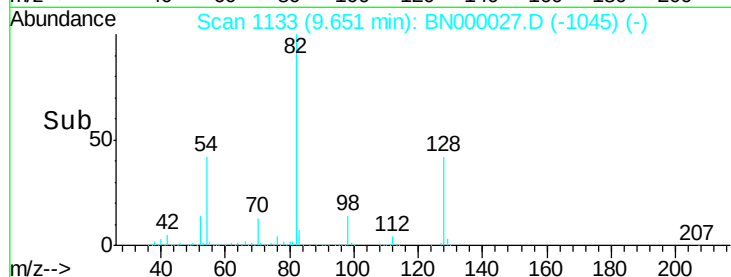
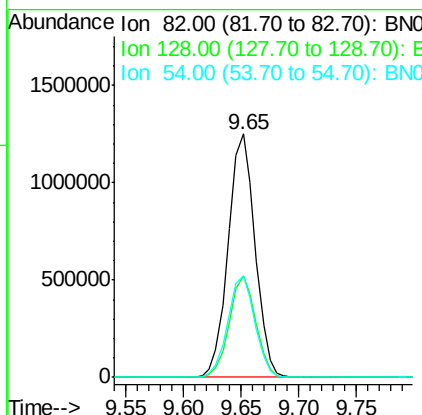
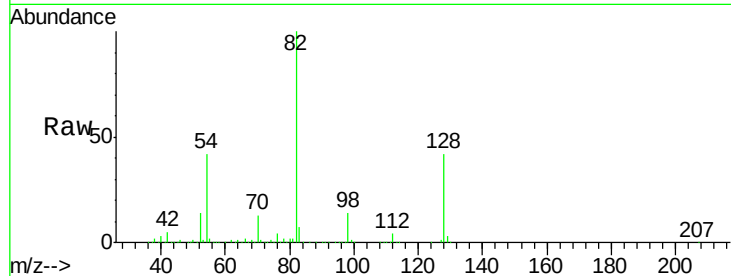
#23
 Nitrobenzene-d5
 Concen: 83.477 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion	82	Resp	2014602
Ion Ratio	100	Lower	Upper
82	100		
128	41.9	29.7	44.5
54	41.7	43.1	64.7#

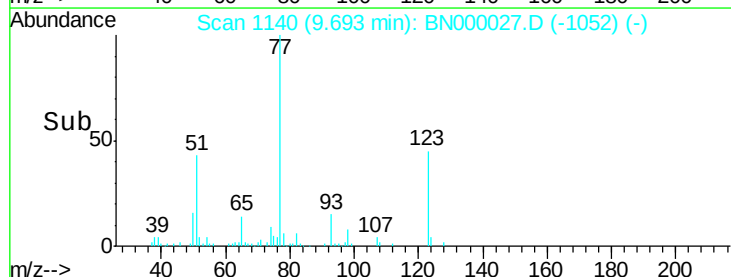
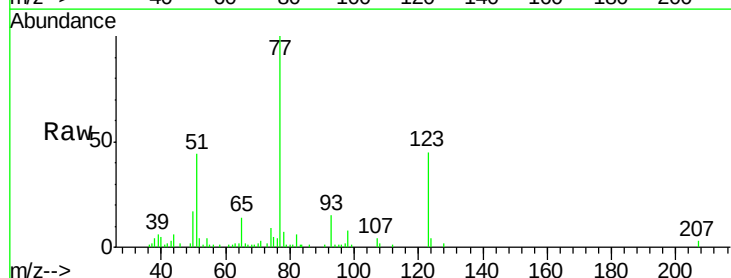
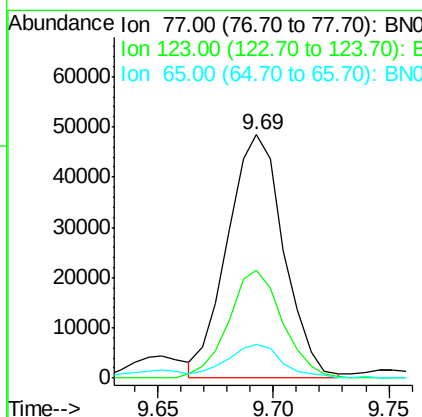
Manual Integrations
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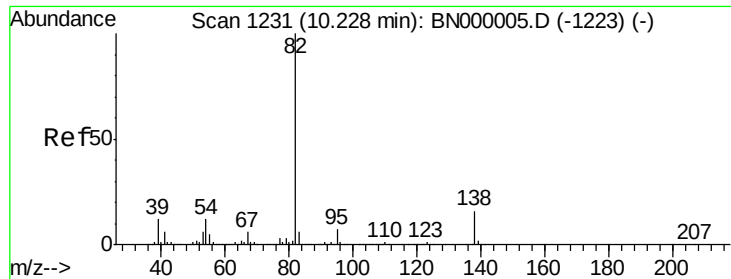
Sohil
 2/7/2018 5:15:35 PM



#24
 Nitrobenzene
 Concen: 3.175 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion	77	Resp	82190
Ion Ratio	100	Lower	Upper
77	100		
123	44.6	33.0	49.6
65	13.6	13.0	19.6





#25

Isophorone

Concen: 2.296 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

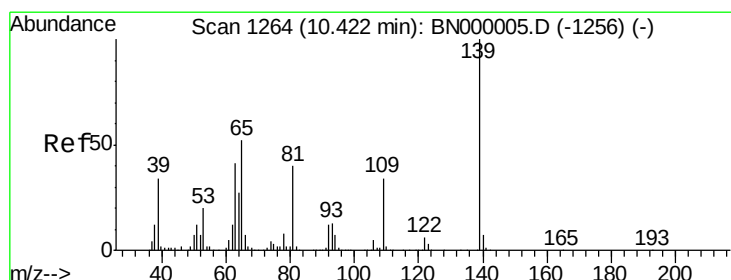
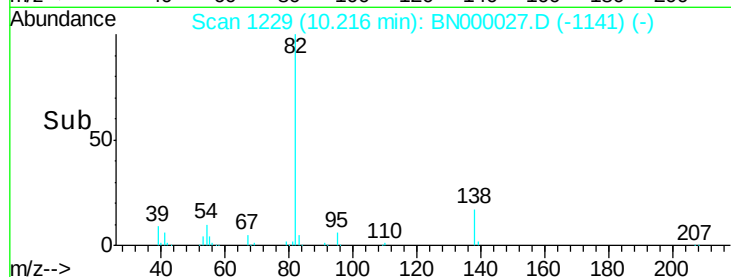
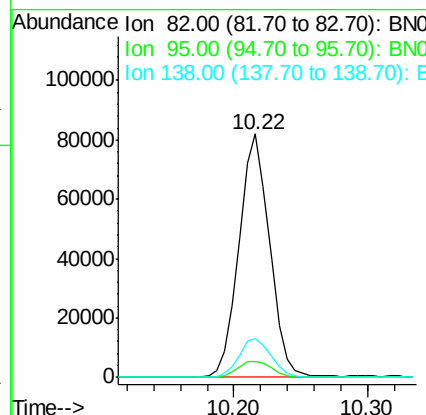
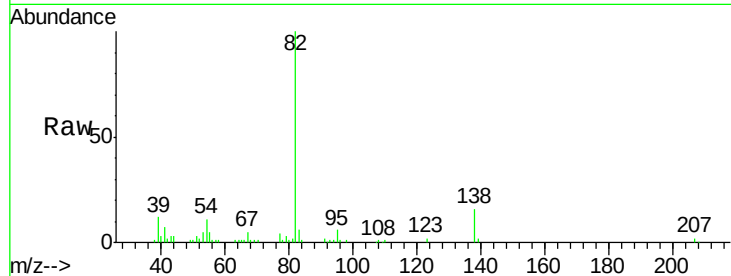
ClientSampled :

MDL-W-04

Tot Ion:	82	Resp:	131228
Ion Ratio	Lower	Upper	
82	100		
95	6.3	6.2	9.2
138	16.2	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 8.933 ng

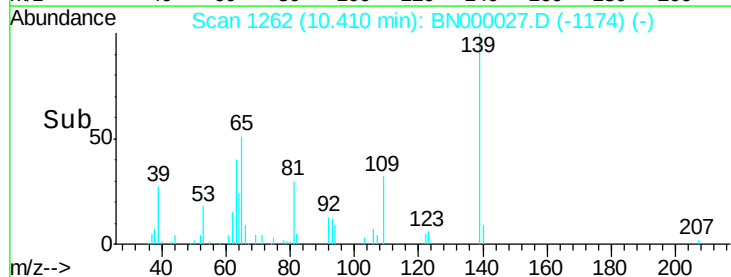
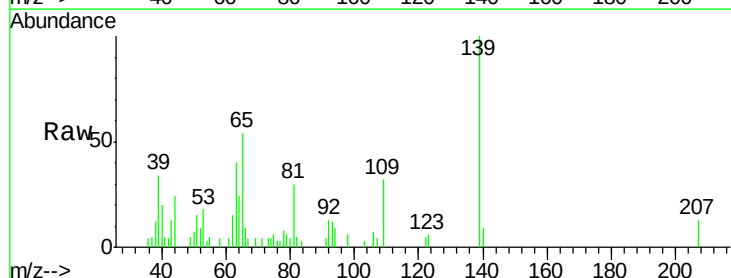
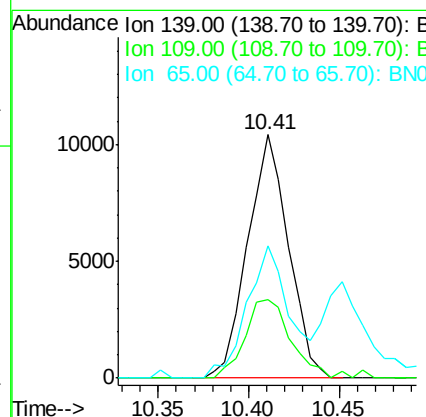
RT: 10.41 min Scan# 1262

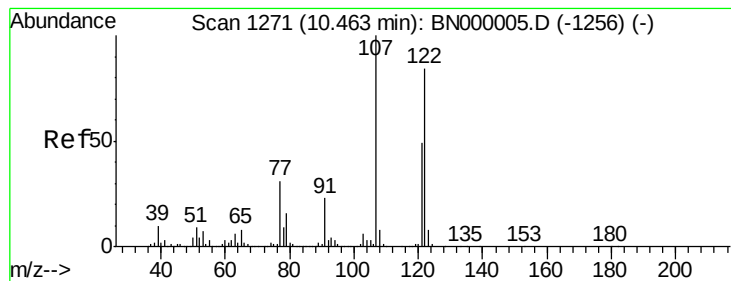
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	139	Resp:	16282
Ion Ratio	Lower	Upper	
139	100		
109	32.4	24.2	36.2
65	54.5	47.4	71.0





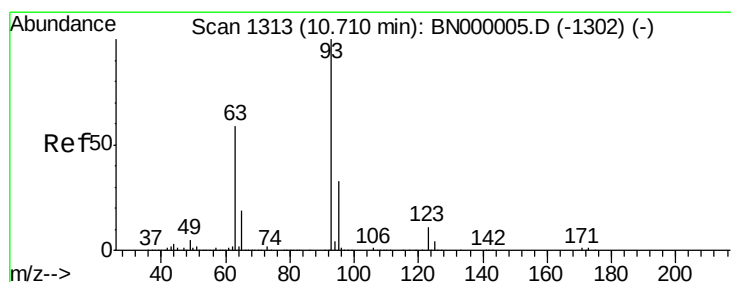
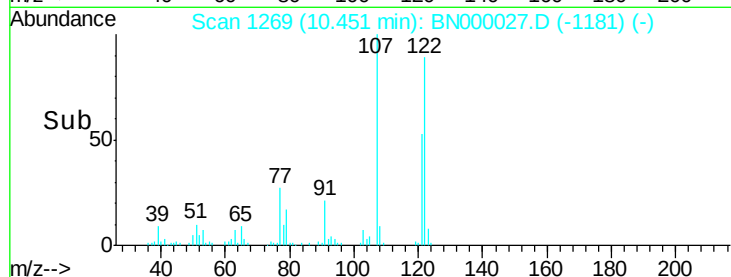
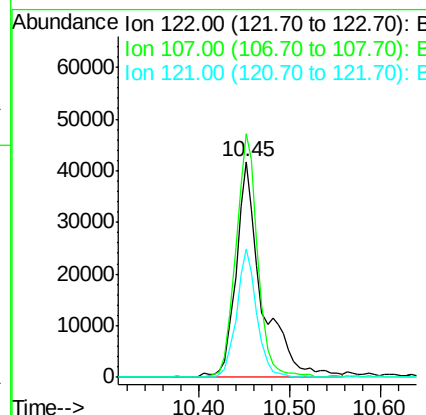
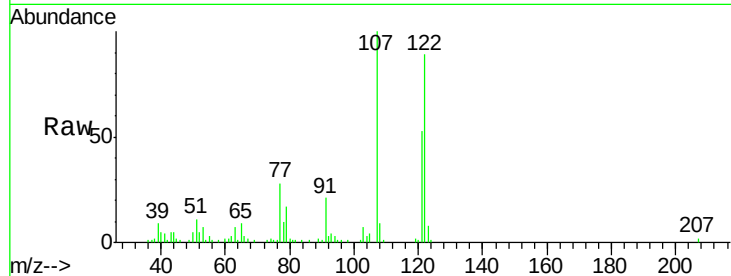
#27
2,4-Dimethylphenol
Concen: 3.579 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		83893		
107	112.8	100.2	150.2		
121	59.4	44.4	66.6		

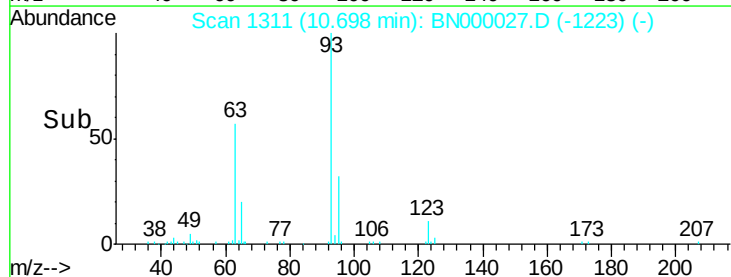
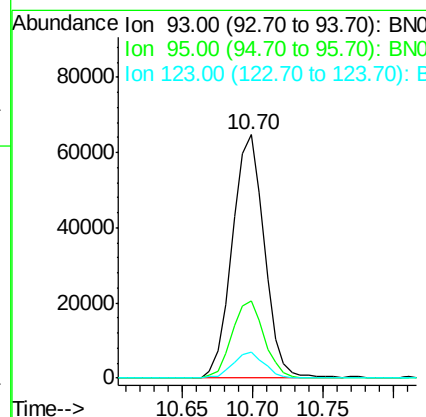
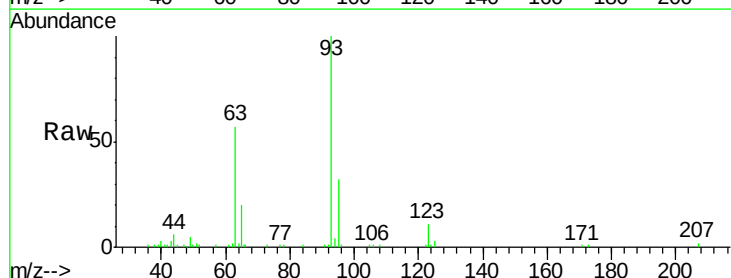
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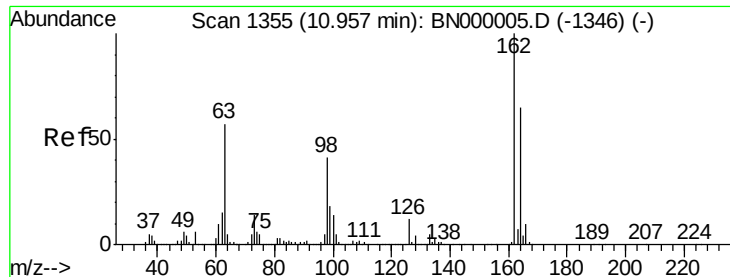
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 3.101 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		102243		
95	31.8	24.3	36.5		
123	10.6	8.4	12.6		





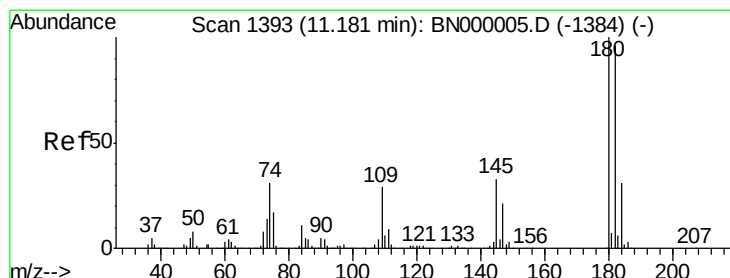
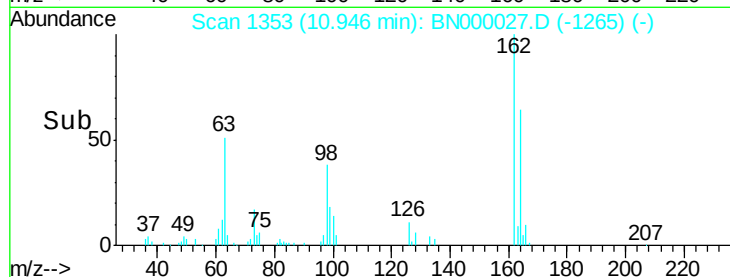
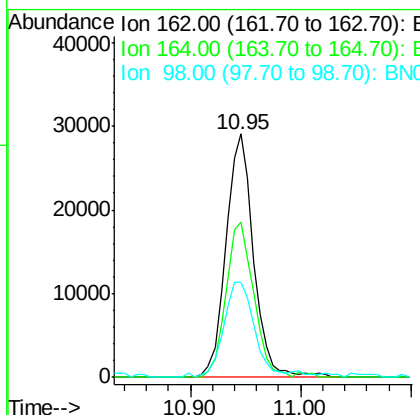
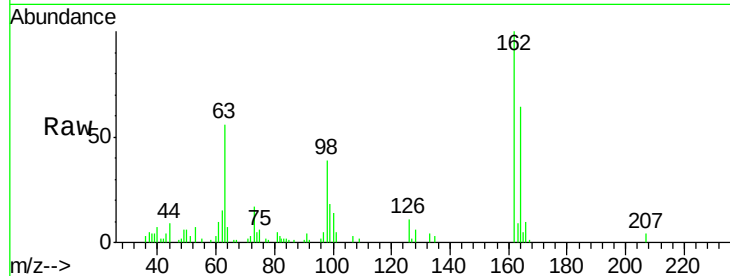
#29
2,4-Dichlorophenol
Concen: 2.533 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.0	88.0
98	39.2	21.1	61.1

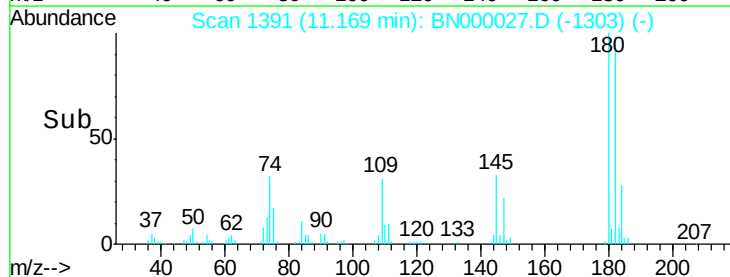
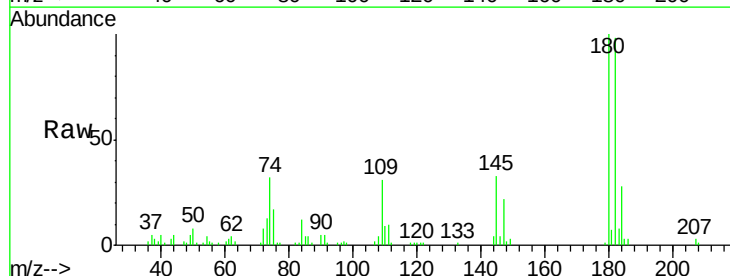
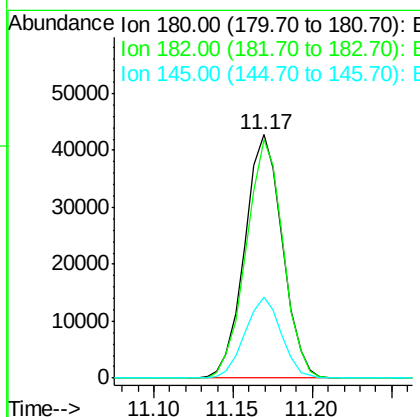
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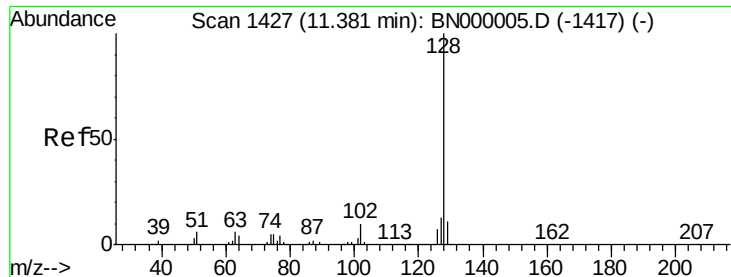
Sohil
2/7/2018 5:15:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 3.002 ng
RT: 11.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.5	116.3
145	33.3	23.4	35.2





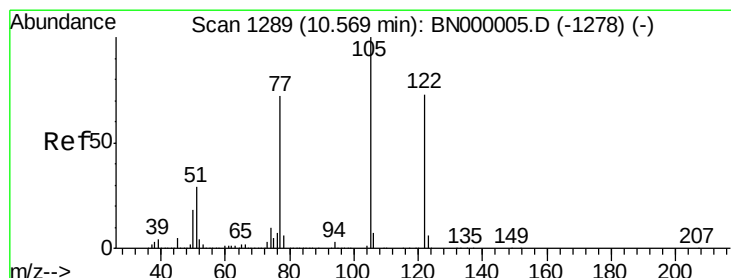
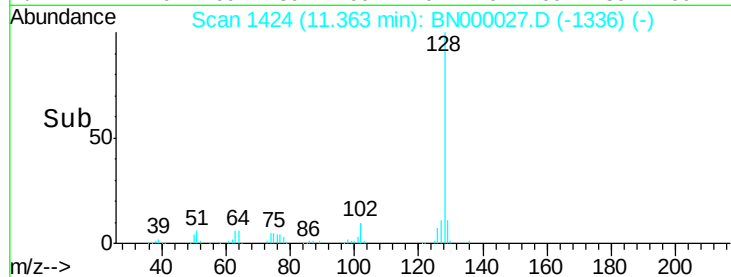
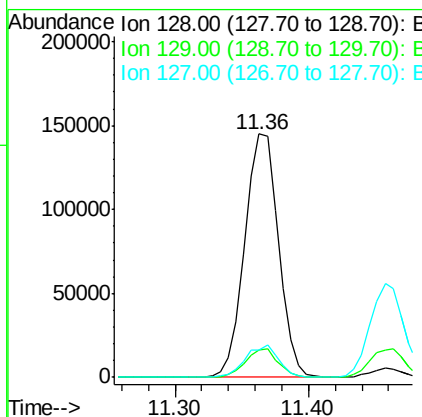
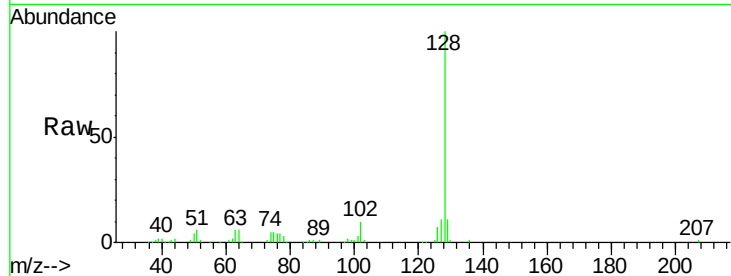
#31
Naphthalene
Concen: 3.083 ng
RT: 11.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.6	12.8
127	11.3	11.6	17.4#

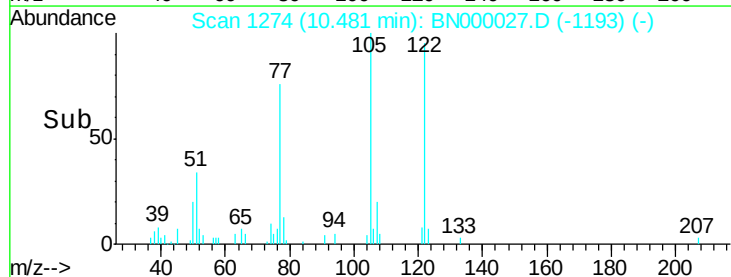
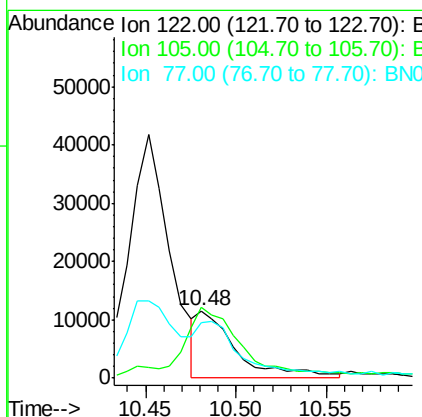
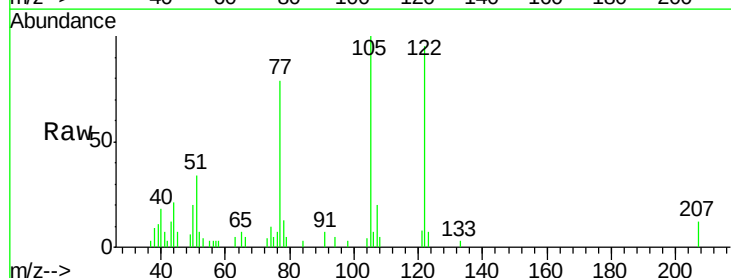
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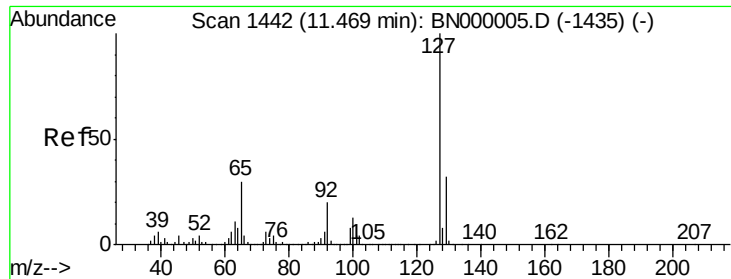
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#32
Benzoic acid
Concen: 7.725 ng m
RT: 10.48 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	105.6	123.5	163.5#
77	83.4	85.7	125.7#





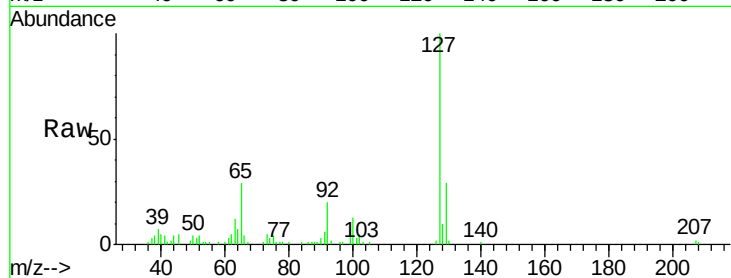
#33
4-Chloroaniline
Concen: 2.578 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

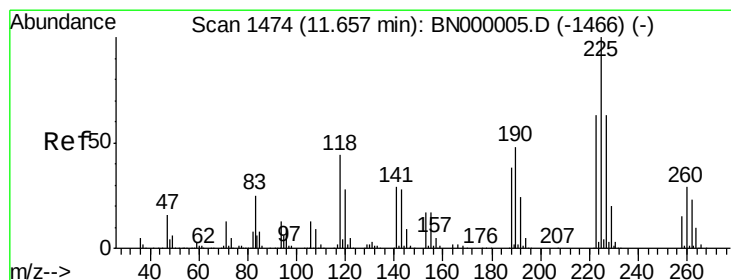
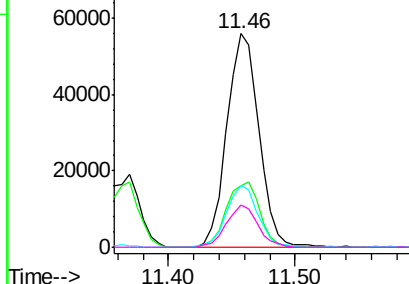
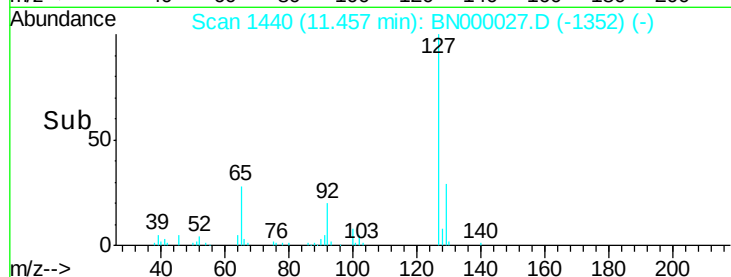
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	28.9	27.0	40.4
92	19.6	16.6	25.0

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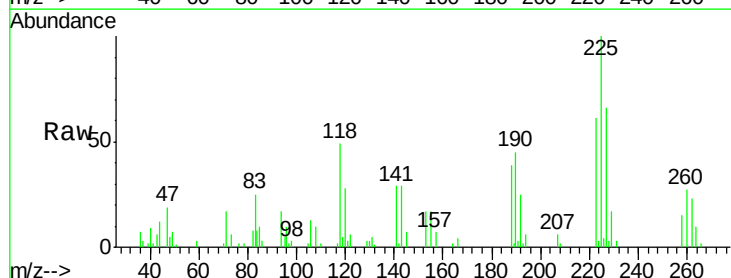


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

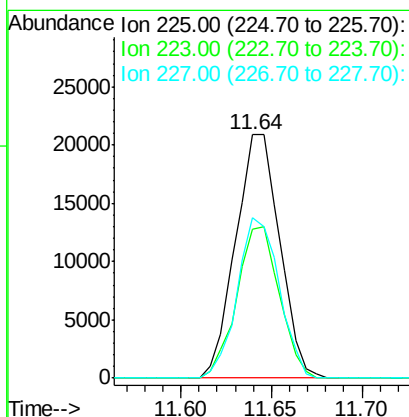
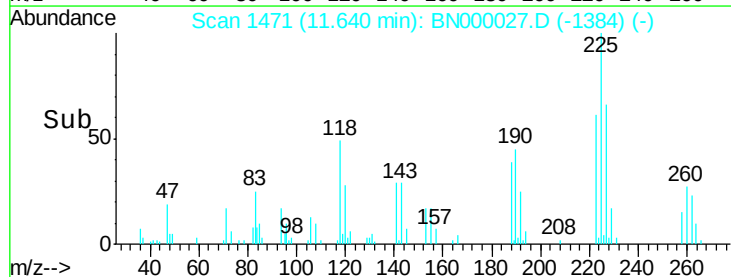


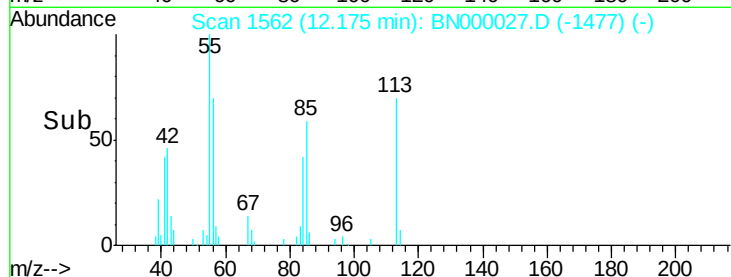
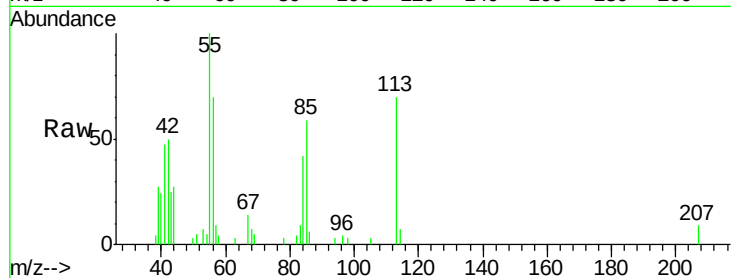
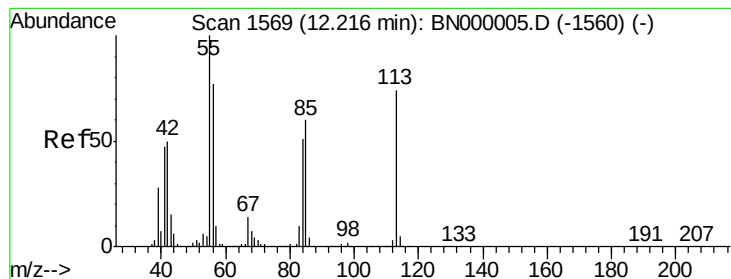
#34
Hexachlorobutadiene
Concen: 2.952 ng
RT: 11.64 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	68.3	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: 1.585 ng

RT: 12.17 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tot Ion:	113	Resp:	14172
Ion Ratio	Lower	Upper	
113	100		
55	141.9	120.0	160.0
56	99.2	90.0	130.0

Instrument :

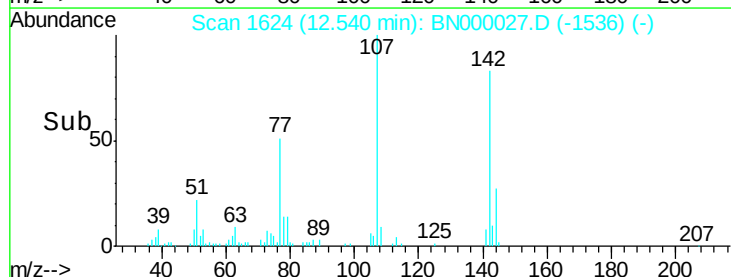
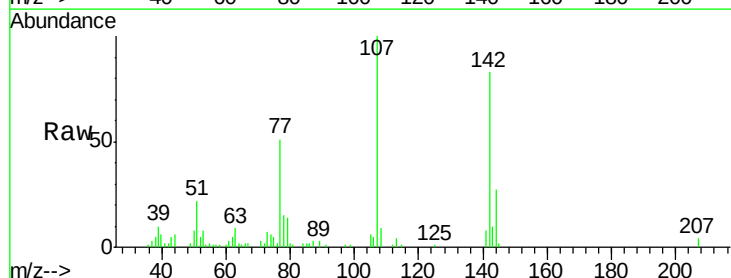
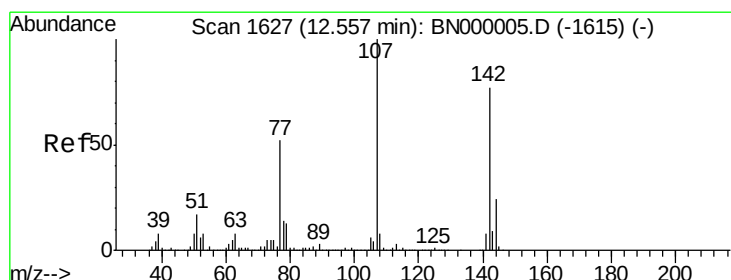
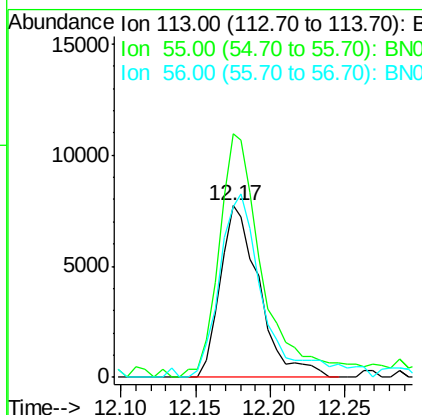
BNA_N

ClientSampleId :

MDL-W-04

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#36

4-Chloro-3-methylphenol

Concen: 2.249 ng

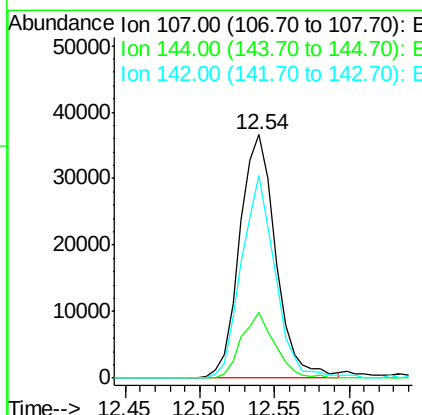
RT: 12.54 min Scan# 1624

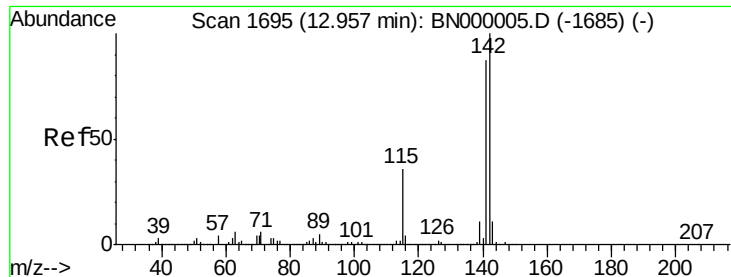
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	107	Resp:	61505
Ion Ratio	Lower	Upper	
107	100		
144	26.8	18.2	27.4
142	83.3	59.0	88.4





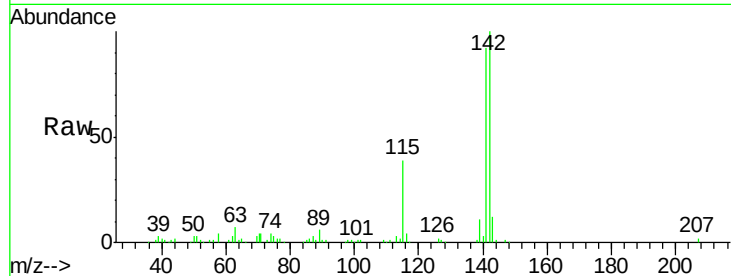
#37
2-Methylnaphthalene
Concen: 2.942 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	39.3	30.7	46.1

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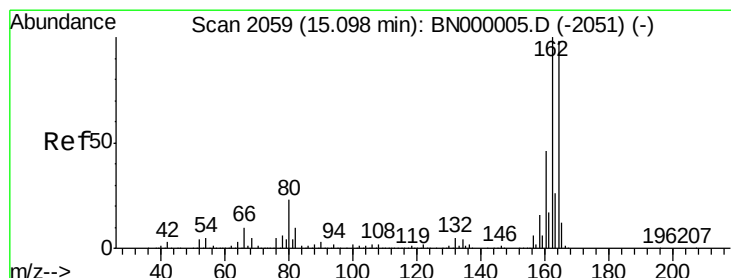
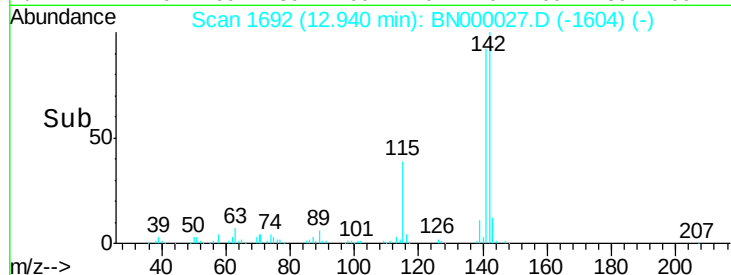
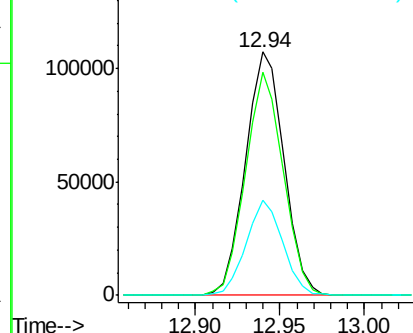


Abundance

Ion 142.00 (141.70 to 142.70): E

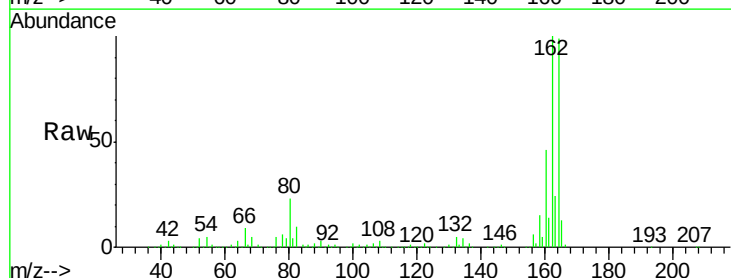
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	46.5	35.4	53.0

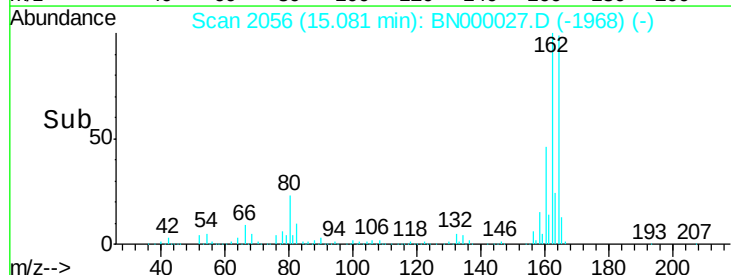
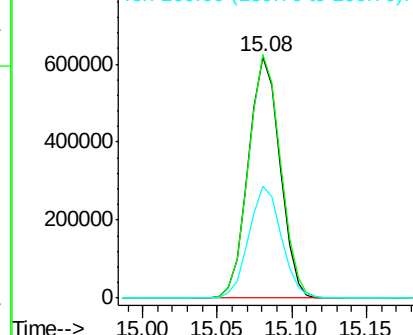


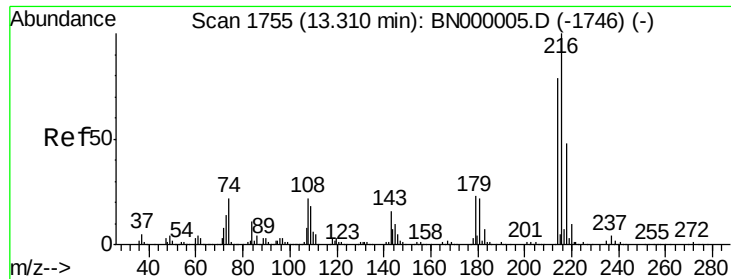
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





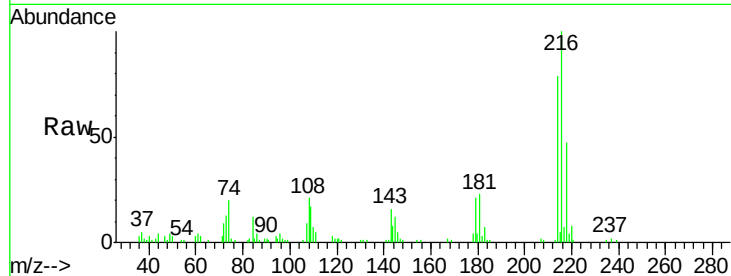
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.004 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

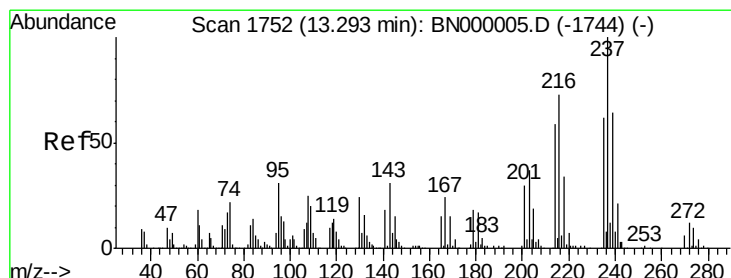
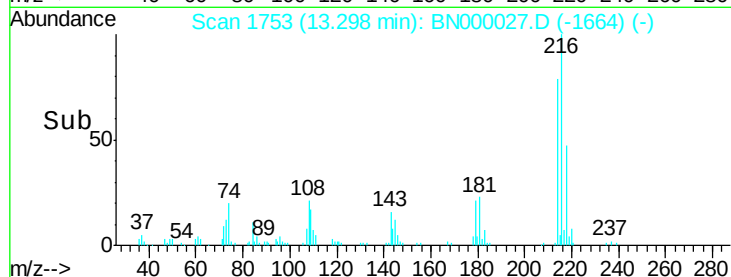
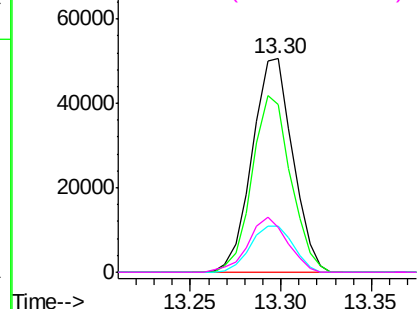
Tot Ion:	216	Resp:	78941
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	22.7	17.0	25.6
108	24.8	12.8	19.2

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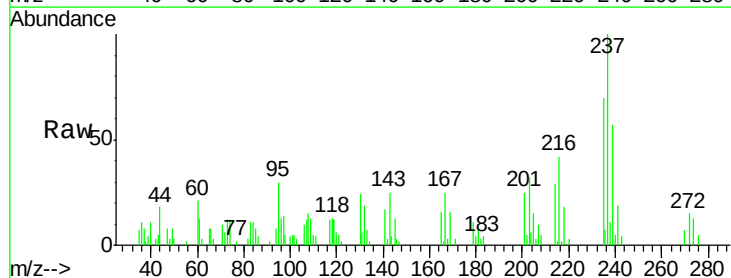


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

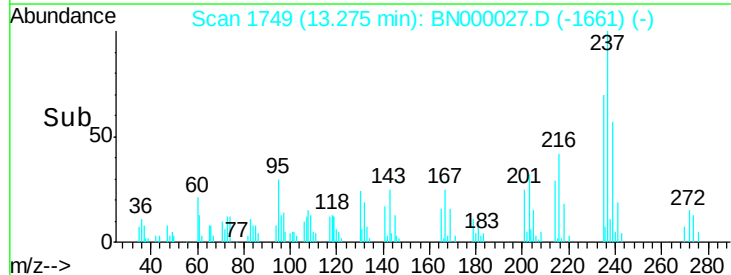
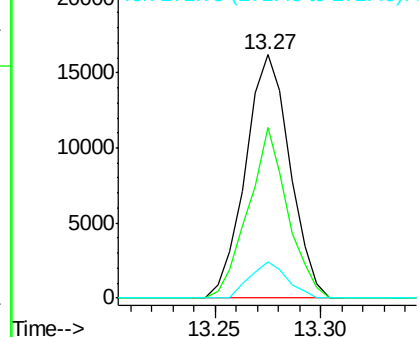


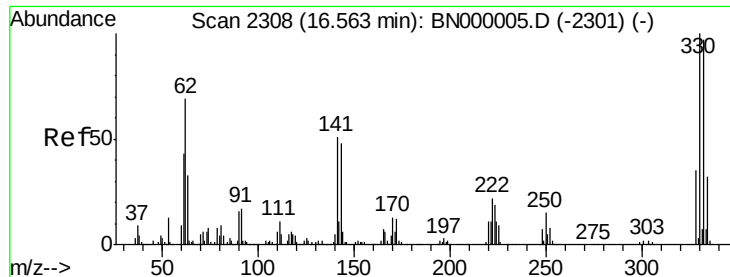
#40
 Hexachlorocyclopentadiene
 Concen: 2.692 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion:	237	Resp:	23632
Ion Ratio	Lower	Upper	
237	100		
235	70.3	50.4	90.4
272	14.8	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





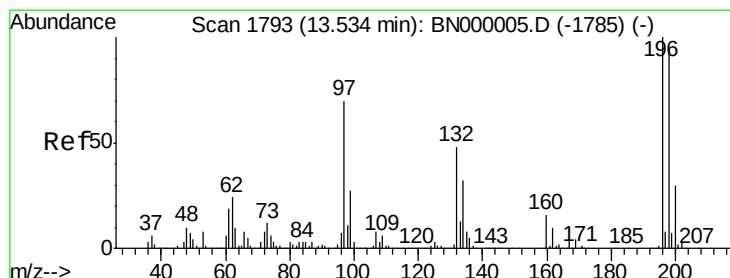
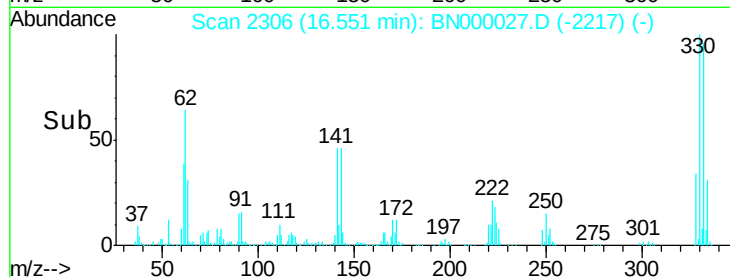
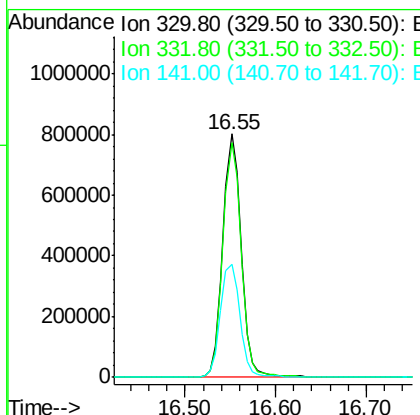
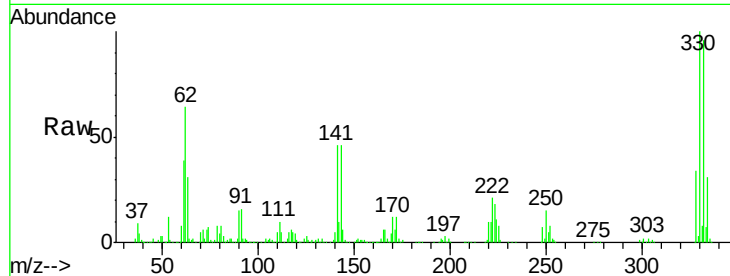
#41
 2,4,6-Tribromophenol
 Concen: 124.856 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion:330 Resp: 1132370
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 49.8 25.2 37.8#

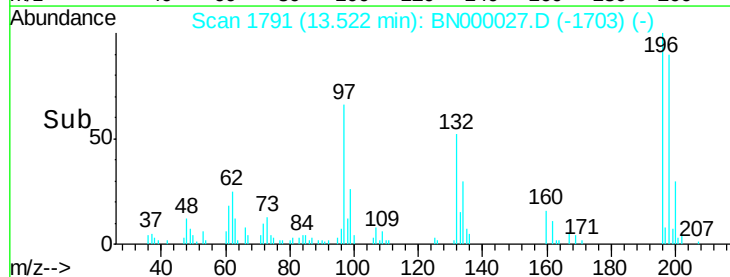
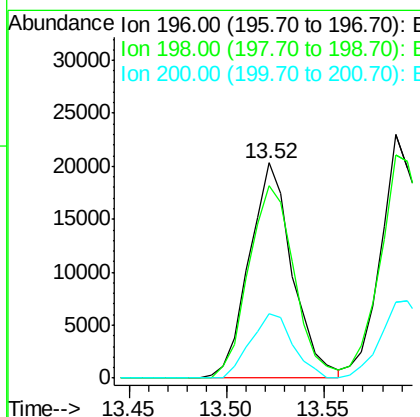
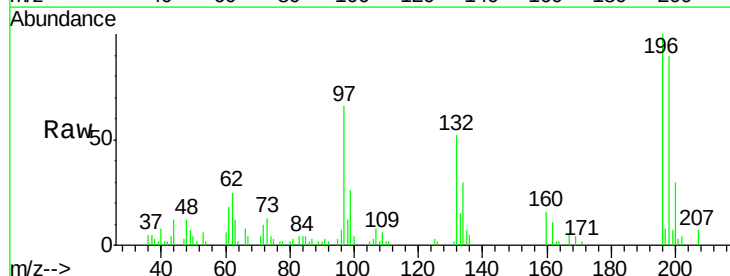
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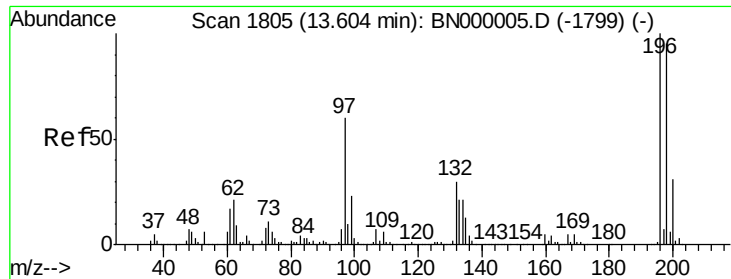
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#42
 2,4,6-Trichlorophenol
 Concen: 2.006 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion:196 Resp: 31162
 Ion Ratio Lower Upper
 196 100
 198 89.6 78.2 117.2
 200 29.8 24.6 36.8





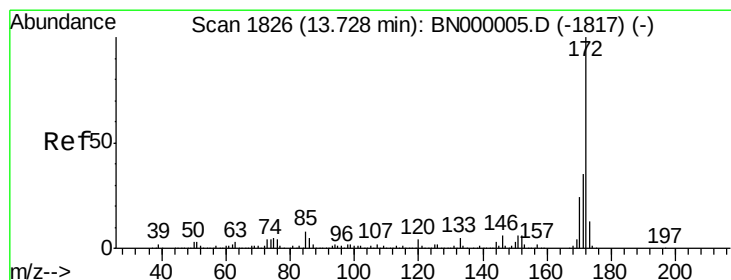
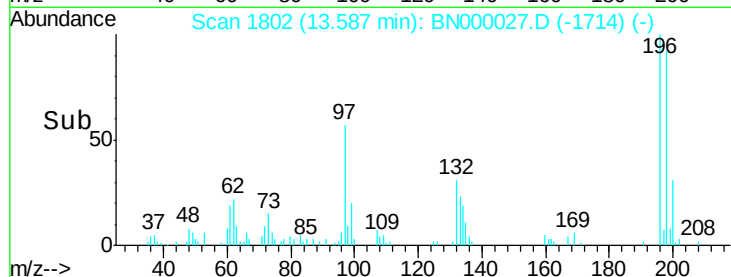
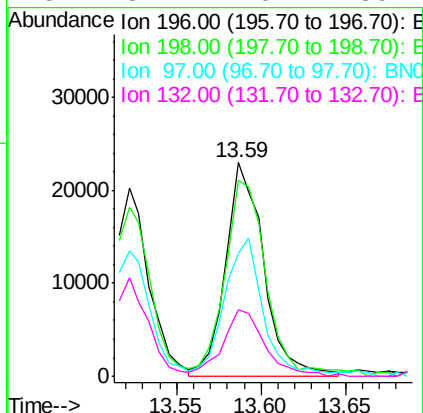
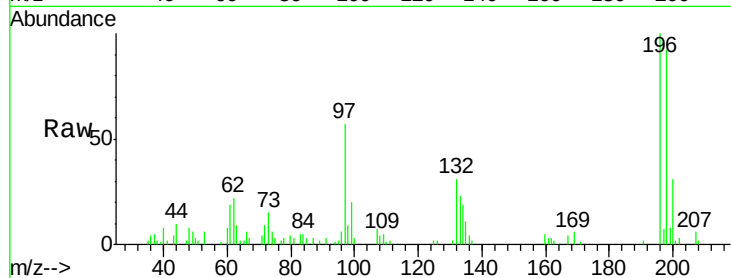
#43
2,4,5-Trichlorophenol
Concen: 1.988 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	76.2	114.4
97	57.3	38.7	58.1
132	31.4	20.2	30.2

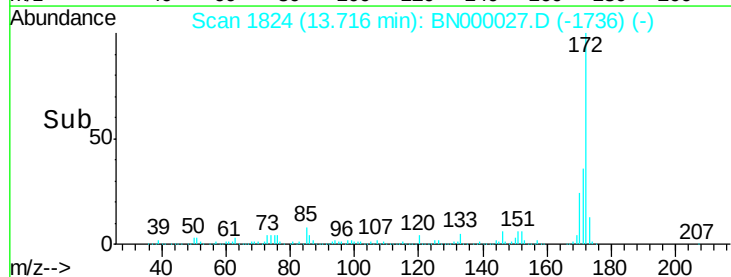
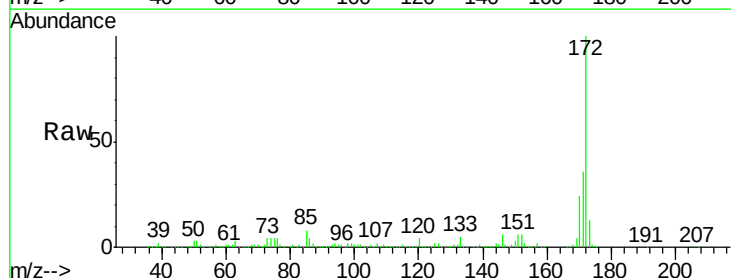
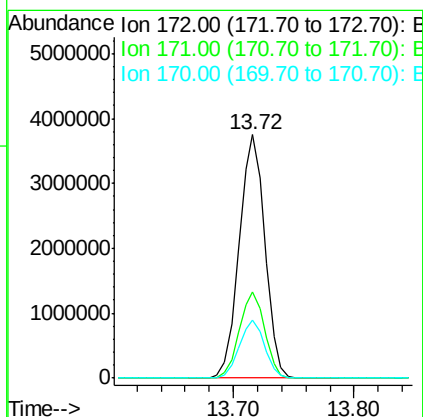
Manual Integrations
APPROVED

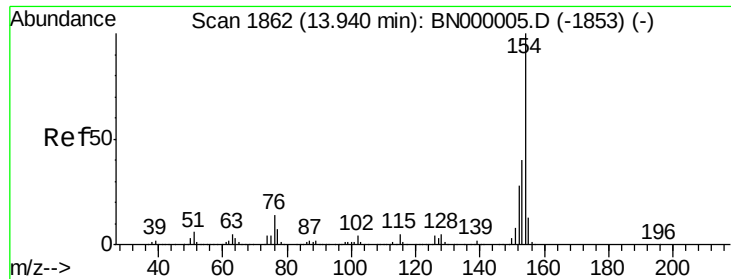
Sohil
2/7/2018 5:15:35 PM



#44
2-Fluorobiphenyl
Concen: 82.537 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.9	19.5	29.3





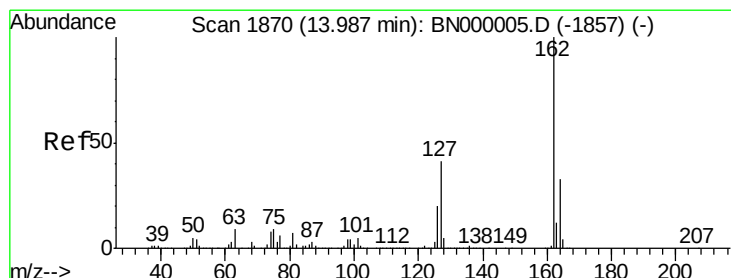
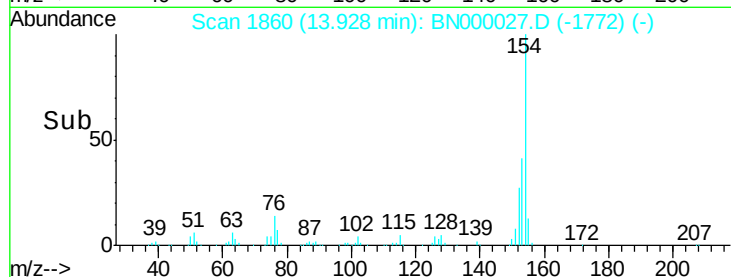
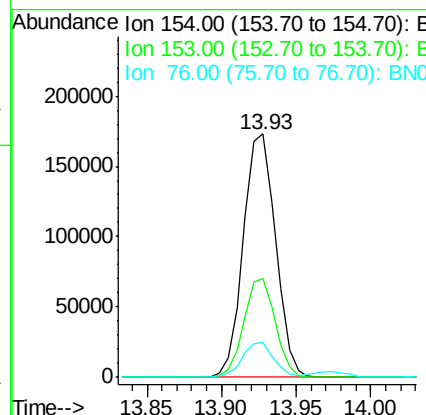
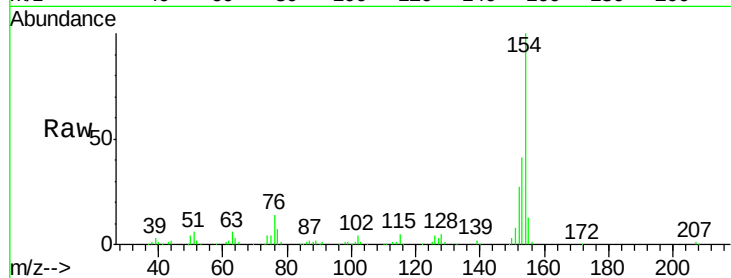
#45
1,1'-Biphenyl
Concen: 3.224 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	14.1	0.0	31.9

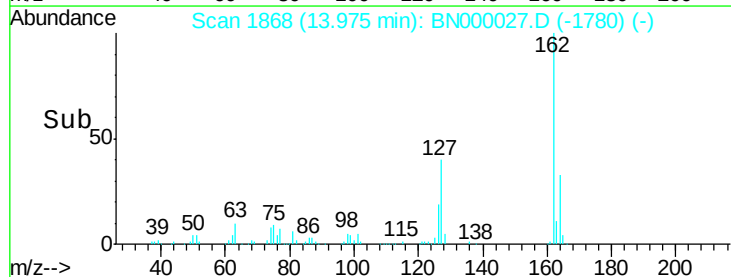
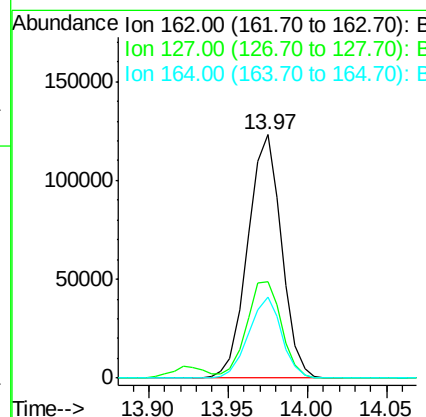
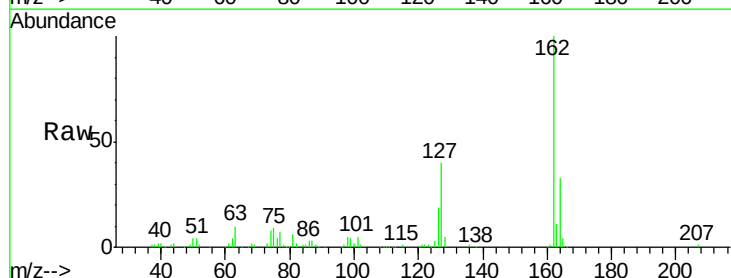
Manual Integrations
APPROVED

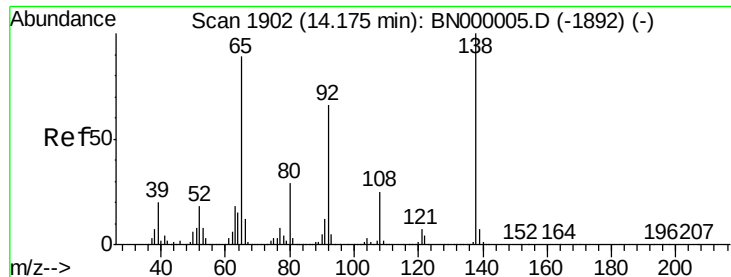
Sohil
2/7/2018 5:15:35 PM



#46
2-Chloronaphthalene
Concen: 3.005 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	33.4	26.0	39.0





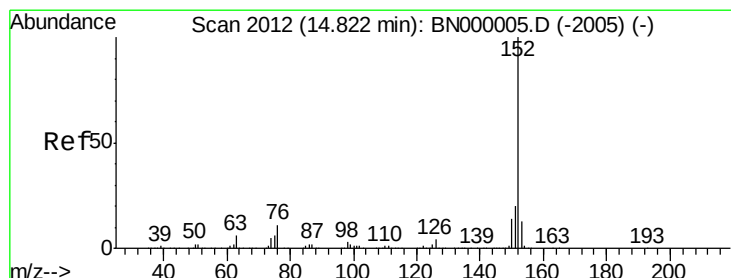
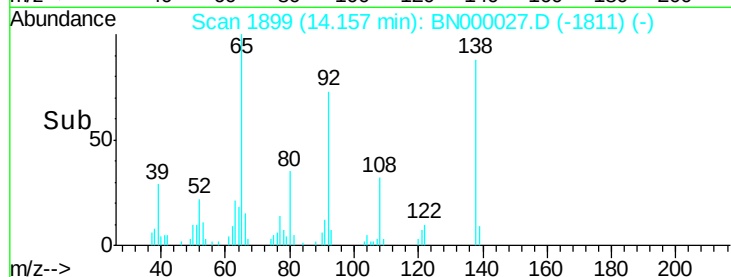
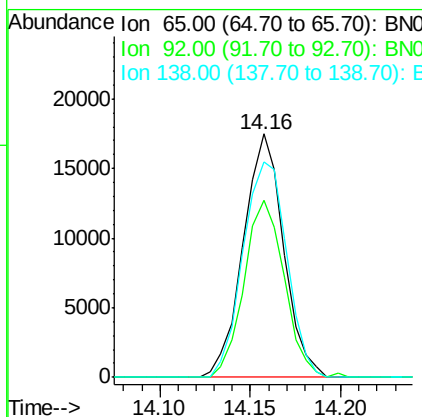
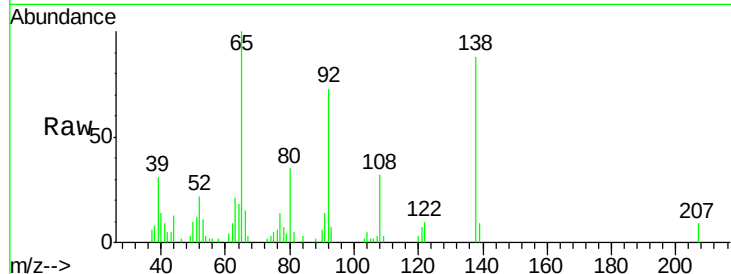
#47
2-Nitroaniline
Concen: 8.661 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Resp	Lower	Upper
65	100	27035		
92	72.8		54.6	82.0
138	88.3		72.9	109.3

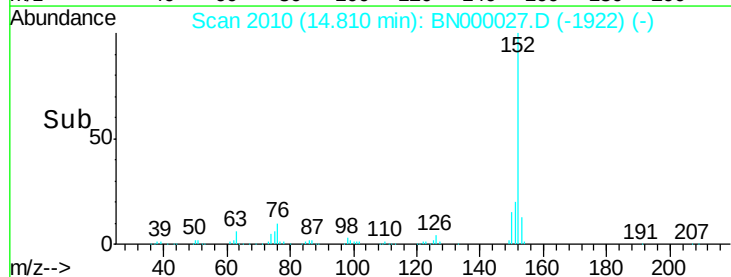
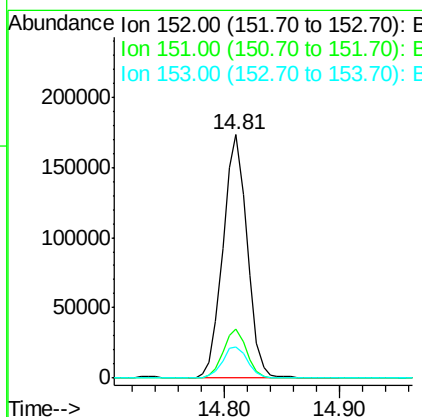
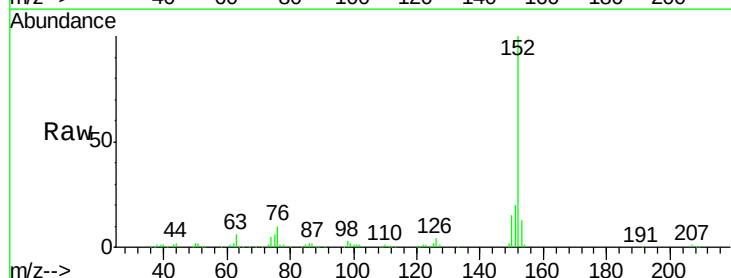
Manual Integrations
APPROVED

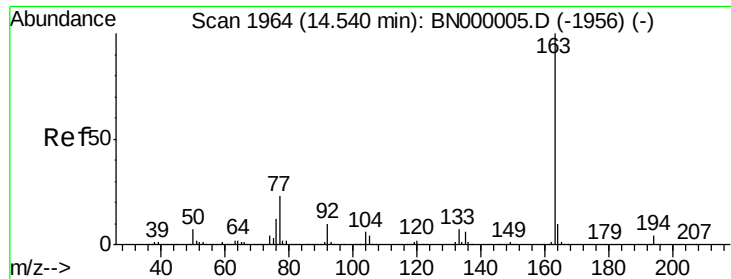
Sohil
2/7/2018 5:15:35 PM



#48
Acenaphthylene
Concen: 2.484 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	252375		
151	20.1		17.2	25.8
153	12.7		10.2	15.4





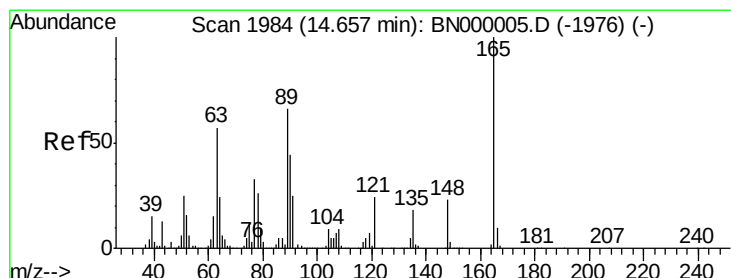
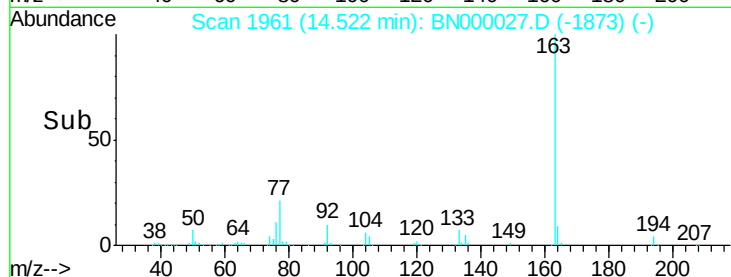
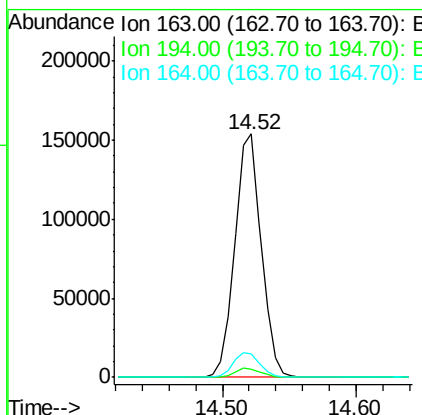
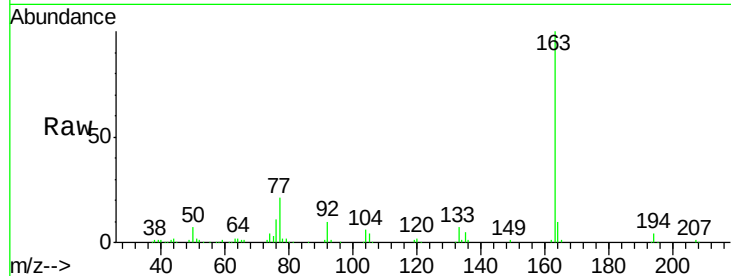
#49
Dimethylphthalate
Concen: 2.635 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100	212490		
194	3.5		3.4	5.2
164	9.5		8.2	12.4

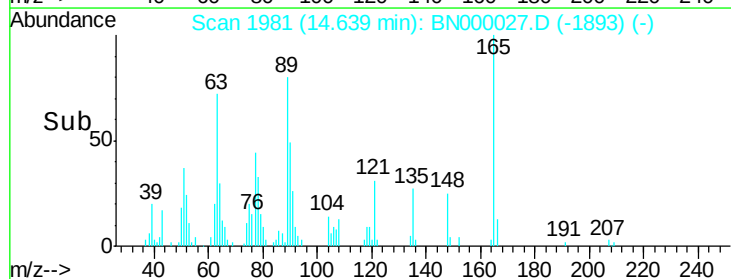
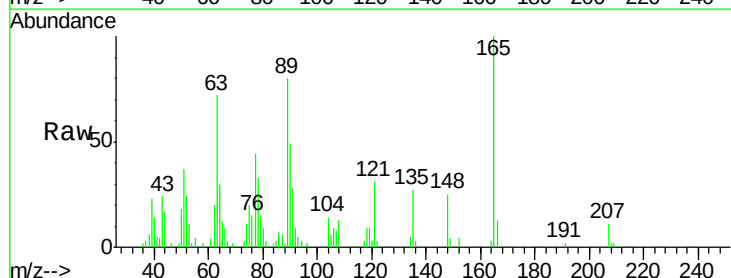
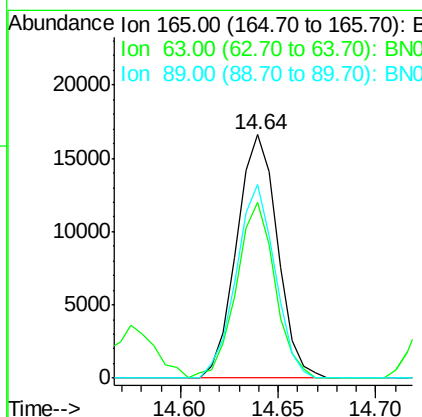
Manual Integrations
APPROVED

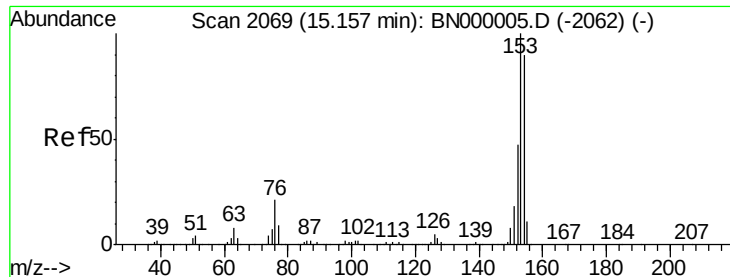
Sohil
2/7/2018 5:15:35 PM



#50
2,6-Dinitrotoluene
Concen: 6.937 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	24157		
63	72.1		52.7	79.1
89	79.8		49.2	73.8





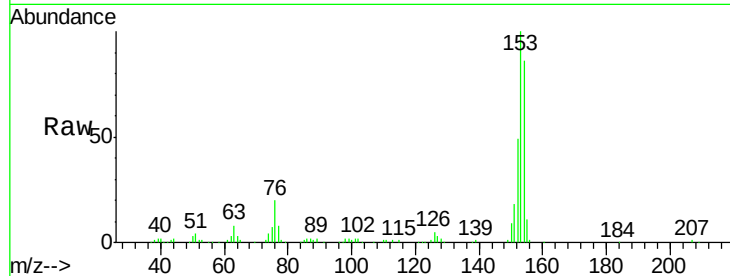
#51
Acenaphthene
Concen: 2.893 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

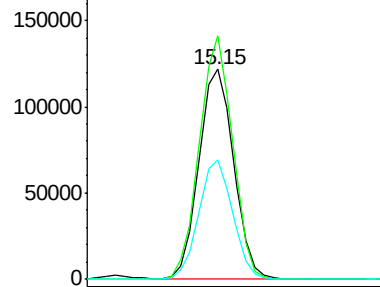
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.4	135.6
152	56.9	41.6	62.4

Manual Integrations
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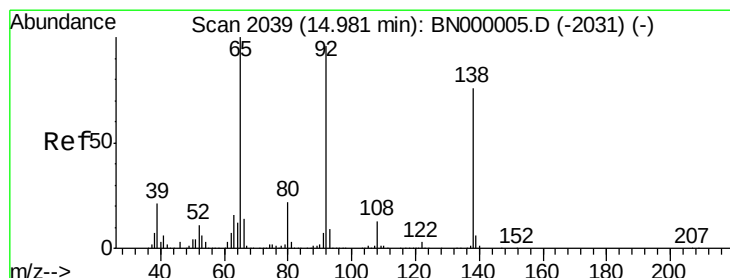
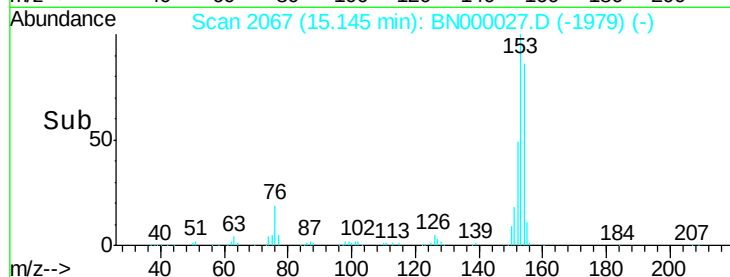
Sohil
2/7/2018 5:15:35 PM



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

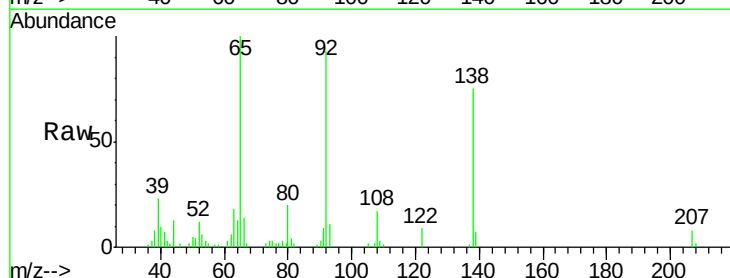


Time-->

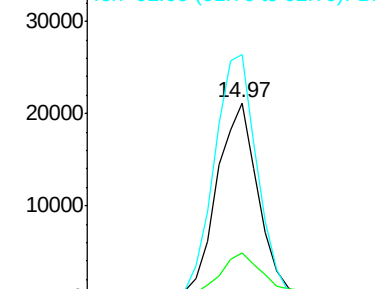


#52
3-Nitroaniline
Concen: 7.474 ng
RT: 14.97 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

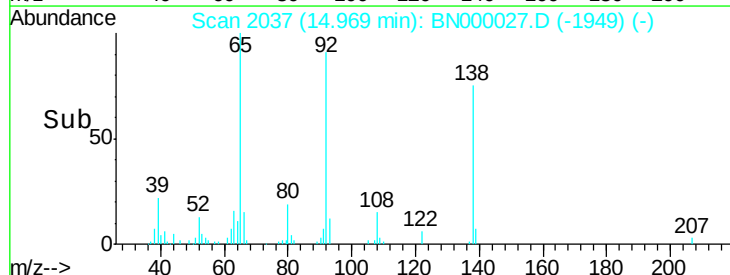
Tgt Ion	Ratio	Lower	Upper
138	100		
108	23.1	17.5	26.3
92	124.8	105.8	158.8

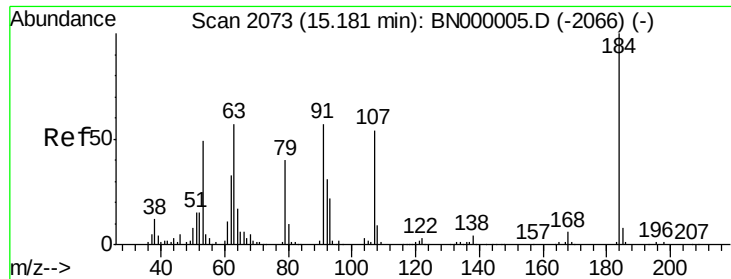


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC



Time-->





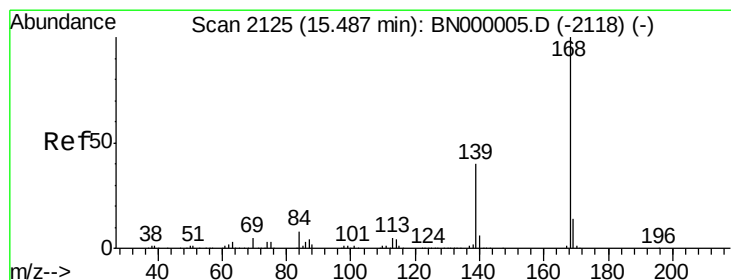
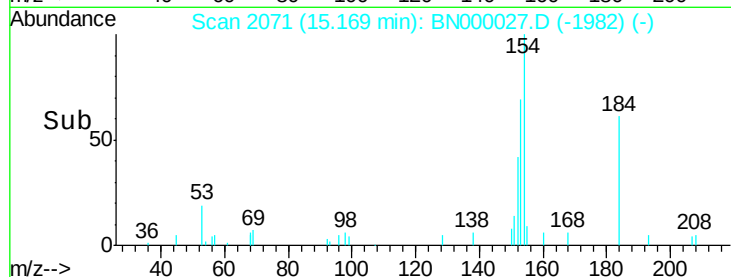
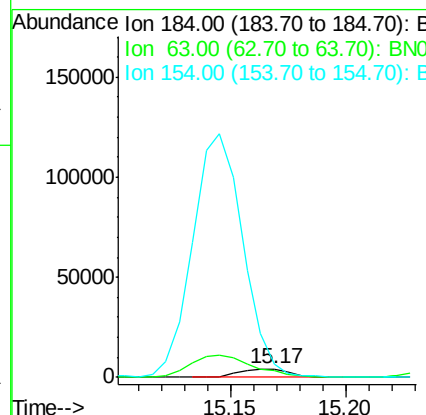
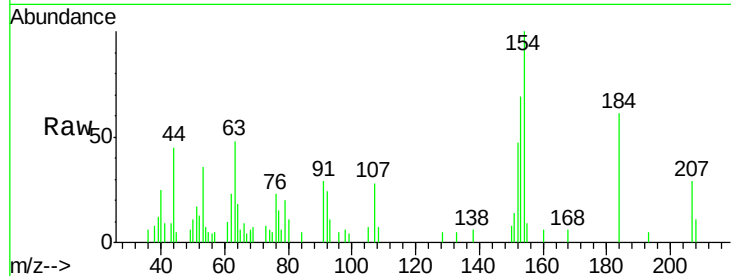
#53
2,4-Dinitrophenol
Concen: 6.414 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.9	80.0	120.0#
154	163.5	308.0	462.0#

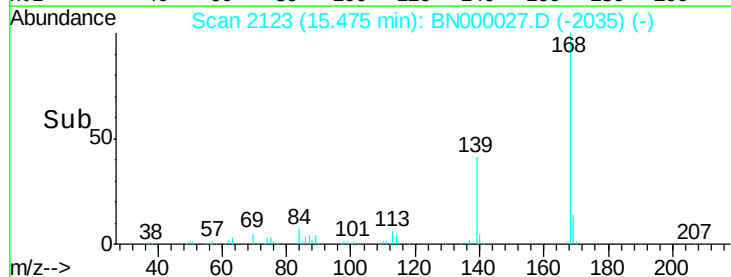
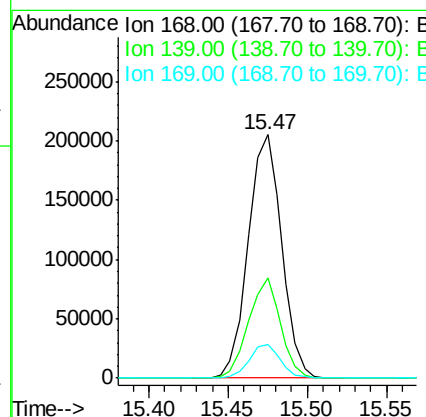
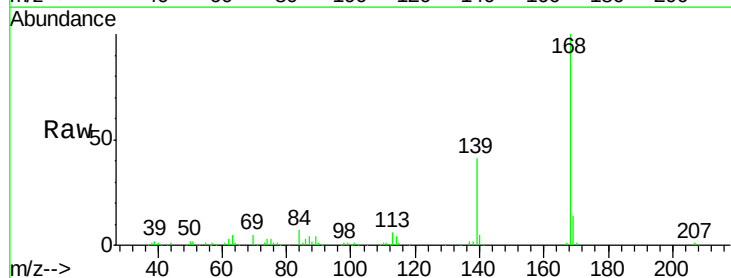
Manual Integrations
APPROVED

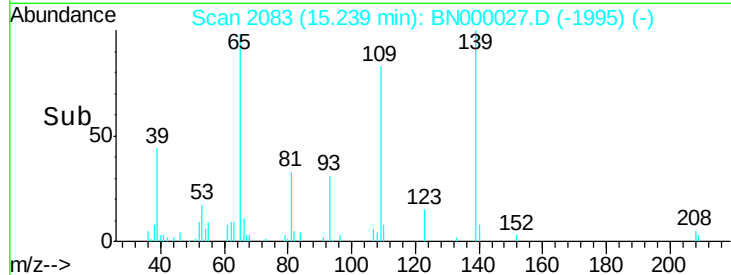
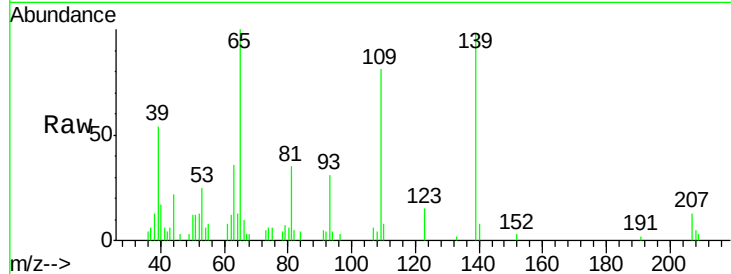
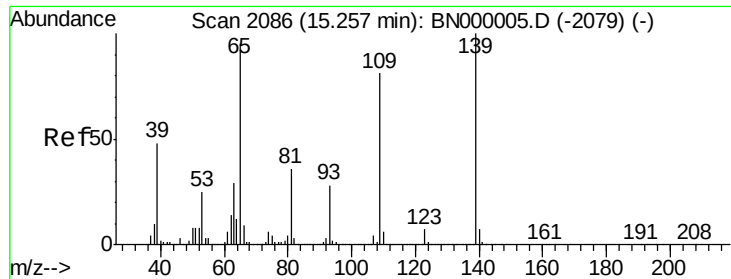
Sohil
2/7/2018 5:15:35 PM



#54
Dibenzofuran
Concen: 3.268 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	13.7	11.2	16.8





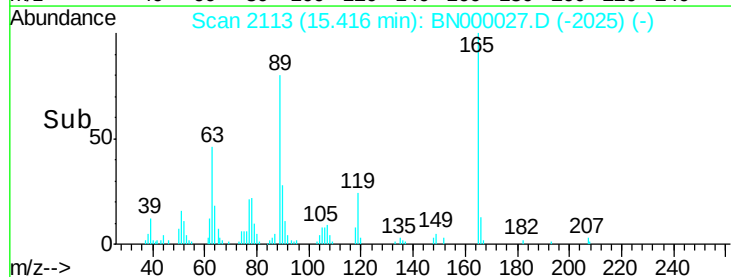
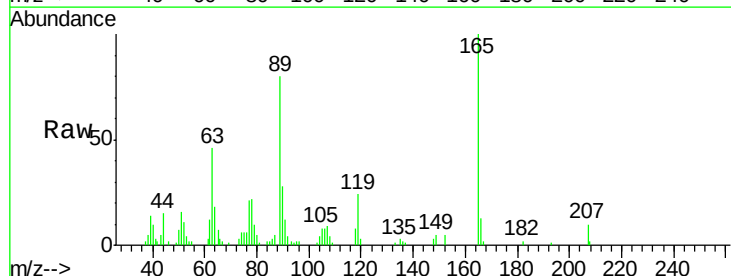
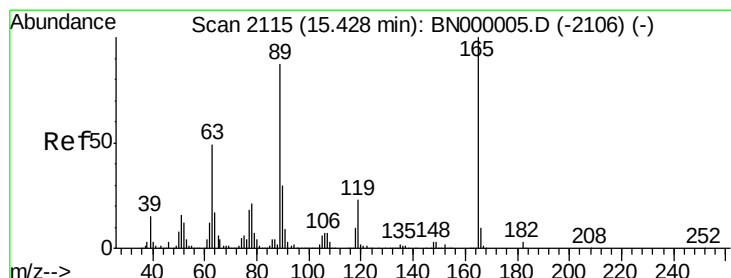
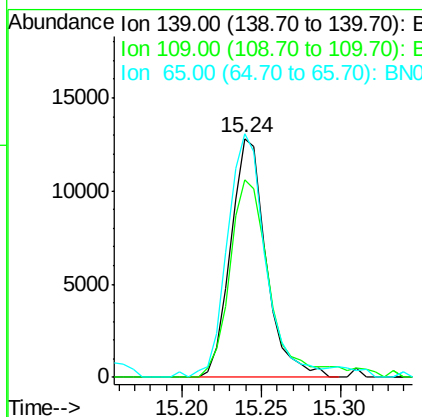
#55
4-Nitrophenol
Concen: 8.133 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tot Ion	Ratio	Resp	Lower	Upper
139	100	19881		
109	83.0	62.2	102.2	
65	102.0	97.2	137.2	

Instrument :
BNA_N
ClientSampled :
MDL-W-04

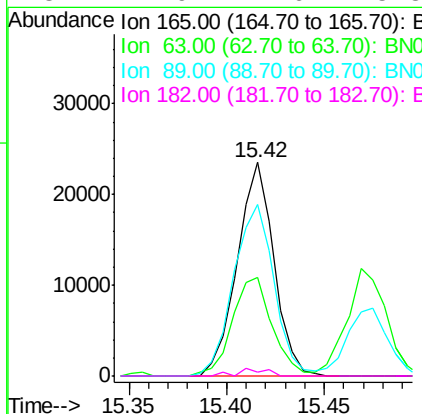
Manual Integrations
APPROVED

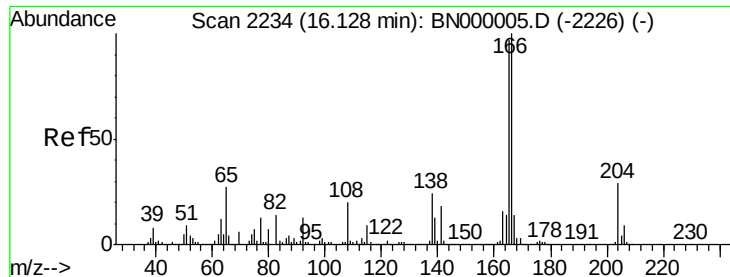
Sohil
2/7/2018 5:15:35 PM



#56
2,4-Dinitrotoluene
Concen: 8.368 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	30602		
63	46.0	42.0	63.0	
89	80.2	66.9	100.3	
182	1.9	2.6	3.8#	





#57

Fluorene

Concen: 3.012 ng

RT: 16.12 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

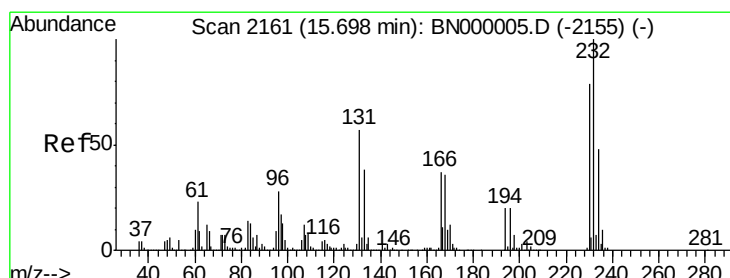
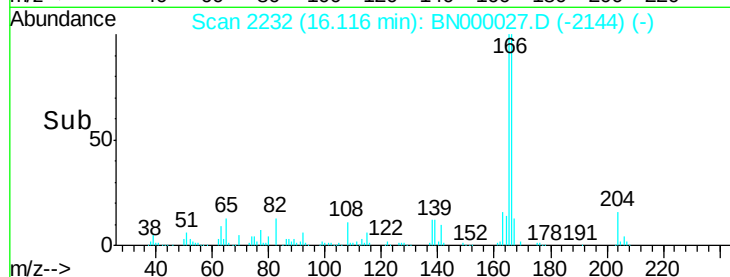
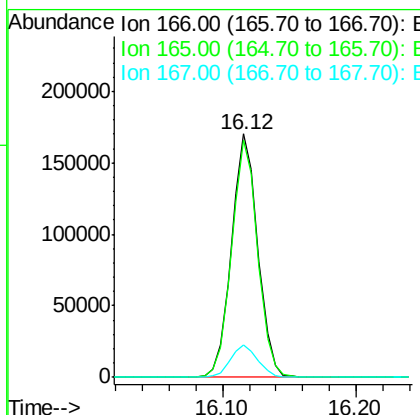
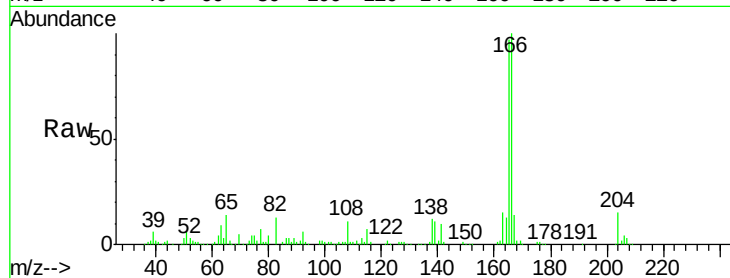
ClientSampled :

MDL-W-04

Tot Ion:	166	Resp:	233416
Ion Ratio		Lower	Upper
166	100		
165	97.2	80.6	121.0
167	13.5	10.4	15.6

Manual Integrations
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2/7/2018 5:15:35 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.087 ng

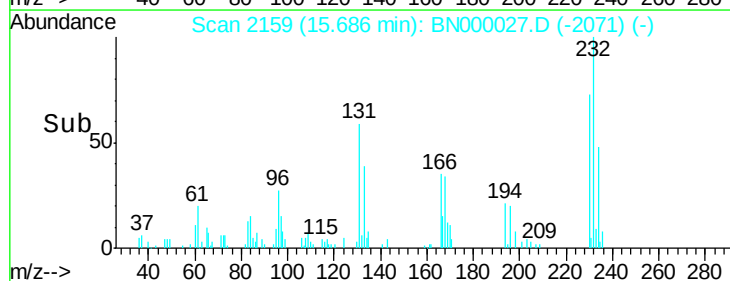
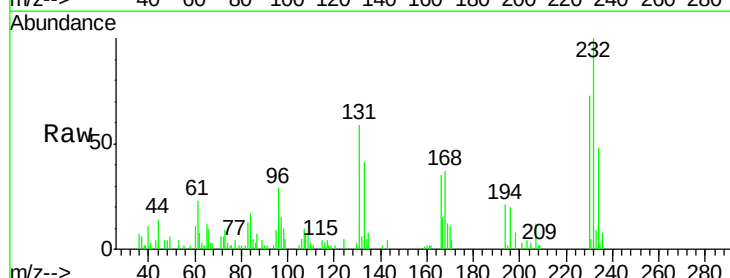
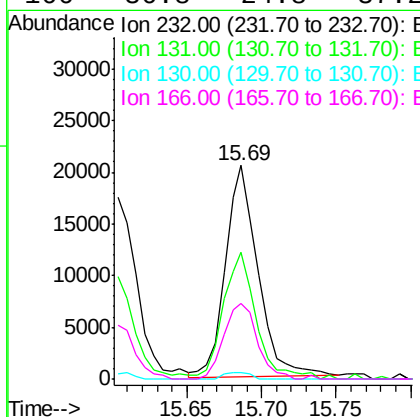
RT: 15.69 min Scan# 2159

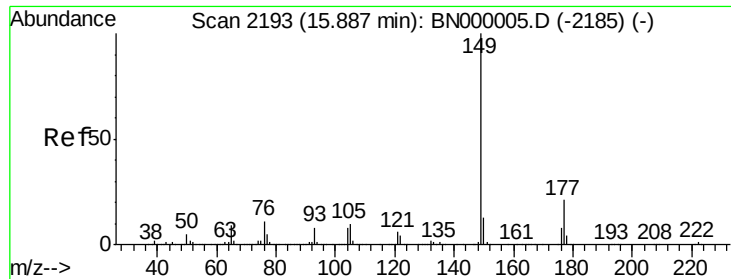
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	232	Resp:	31089
Ion Ratio		Lower	Upper
232	100		
131	61.1	33.5	50.3#
130	2.5	2.2	3.2
166	36.8	24.8	37.2





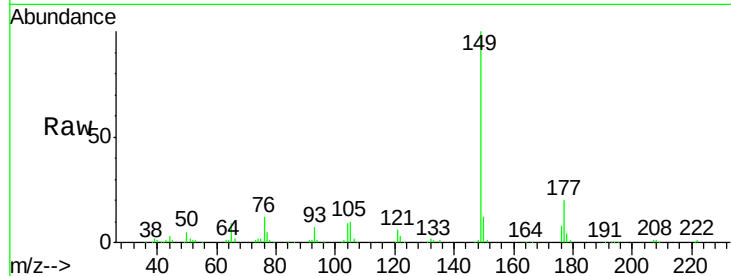
#59
Diethylphthalate
Concen: 2.456 ng
RT: 15.86 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

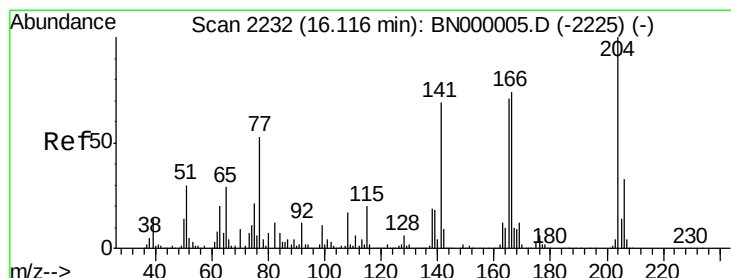
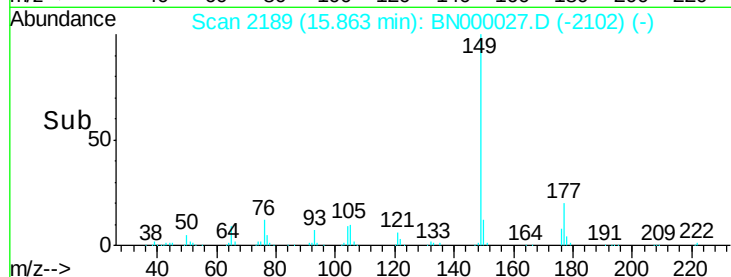
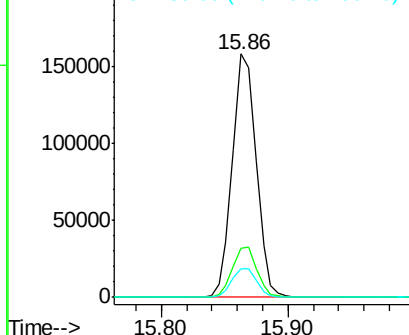
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	18.5	27.7
150	11.7	10.2	15.2

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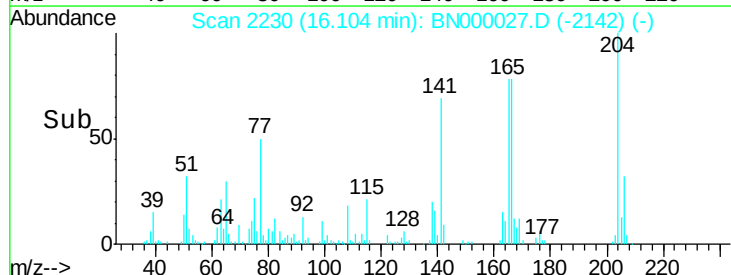
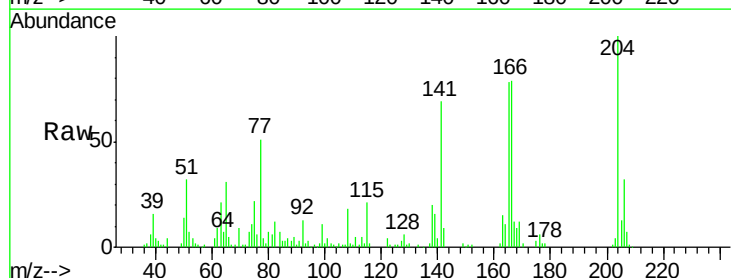
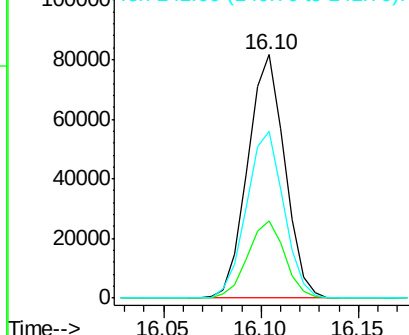
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

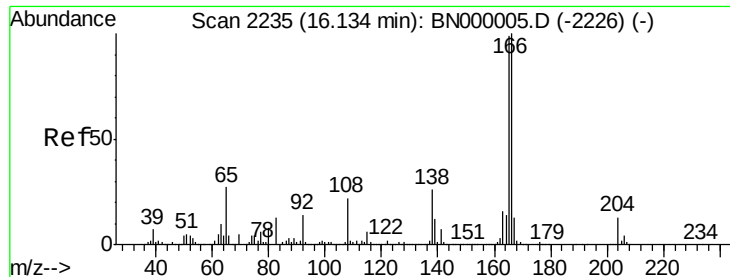


#60
4-Chlorophenyl-phenylether
Concen: 3.132 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	68.6	45.8	68.6

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 7.493 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

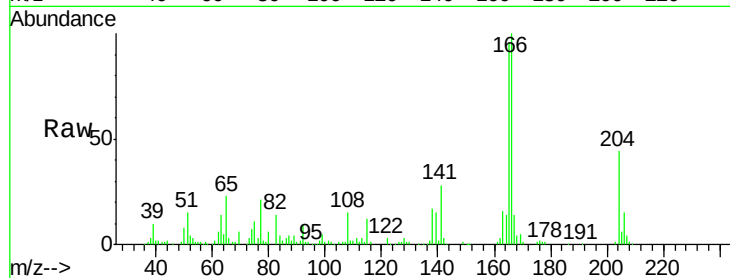
ClientSampled :

MDL-W-04

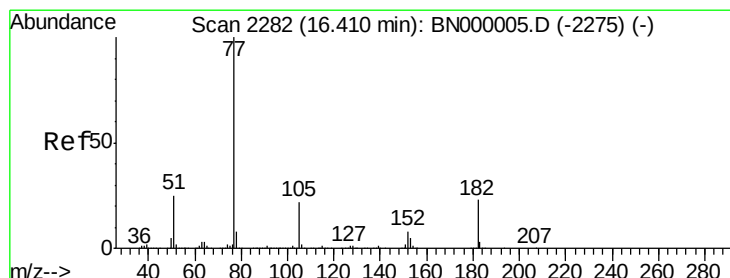
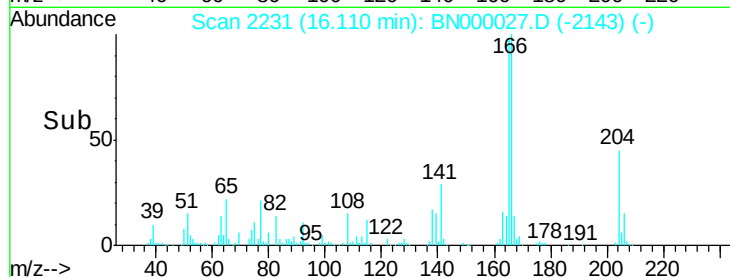
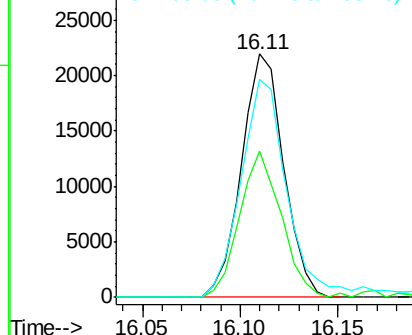
Tot Ion:	138	Resp:	32962
Ion Ratio	Lower	Upper	
138	100		
92	60.3	40.1	80.1
108	89.8	65.4	105.4

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



#62

Azobenzene

Concen: 2.490 ng

RT: 16.39 min Scan# 2279

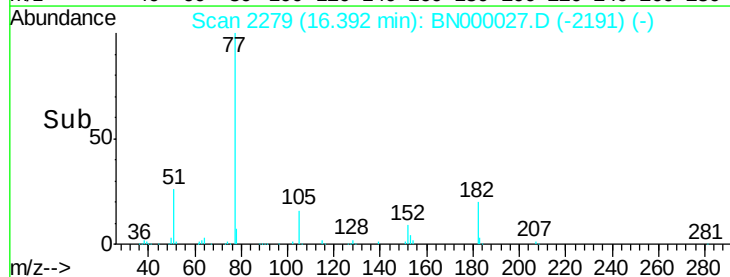
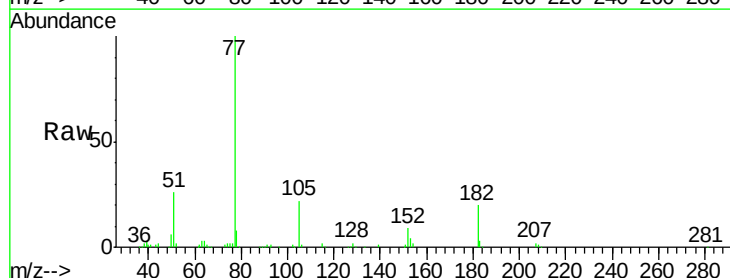
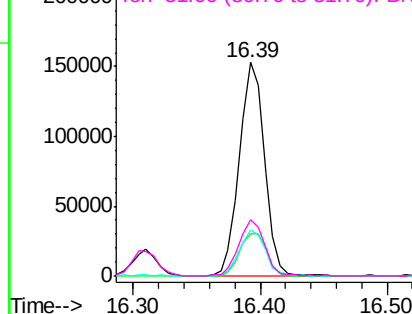
Delta R.T. -0.01 min

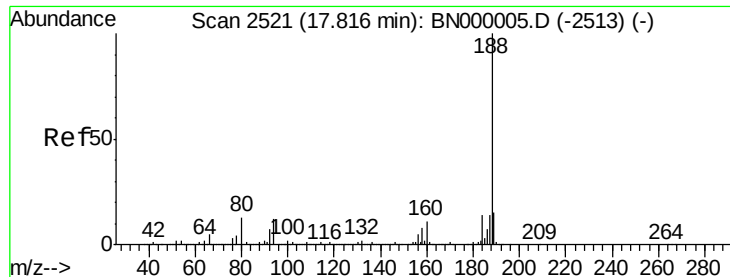
Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	77	Resp:	209645
Ion Ratio	Lower	Upper	
77	100		
182	19.8	7.4	47.4
105	21.6	0.3	40.3
51	26.2	11.6	51.6

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

ClientSampled :

MDL-W-04

Tot Ion:188 Resp: 2179273

Ion Ratio Lower Upper

188 100

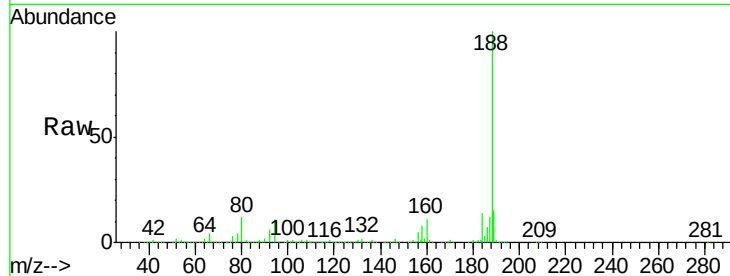
94 11.3 6.9 10.3#

80 12.2 7.7 11.5#

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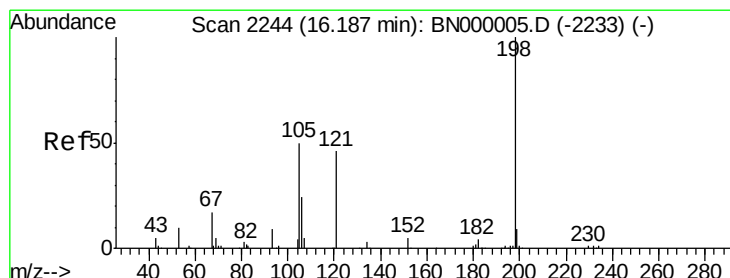
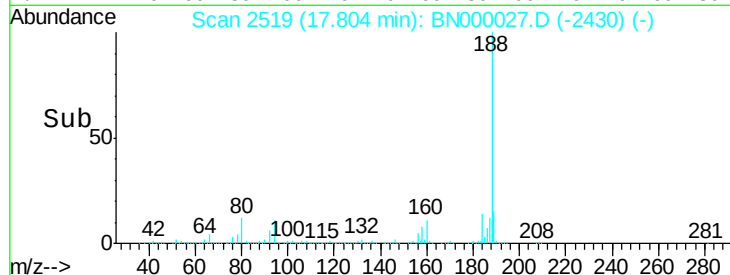
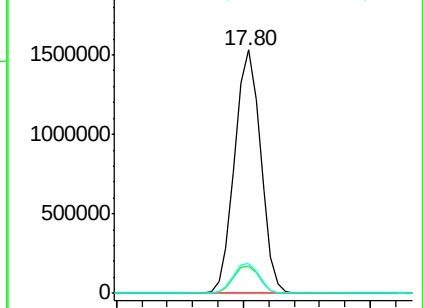
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.891 ng

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

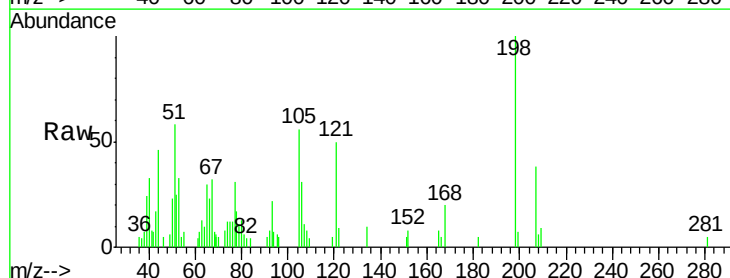
Tgt Ion:198 Resp: 9149

Ion Ratio Lower Upper

198 100

51 58.5 30.6 70.6

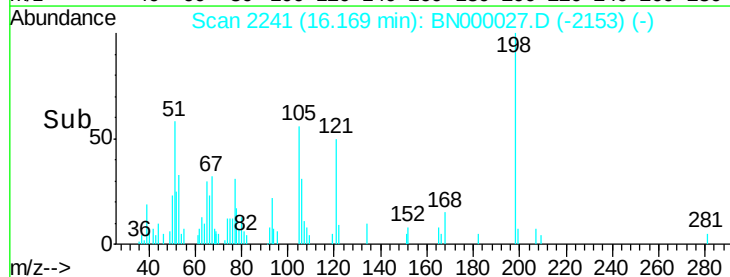
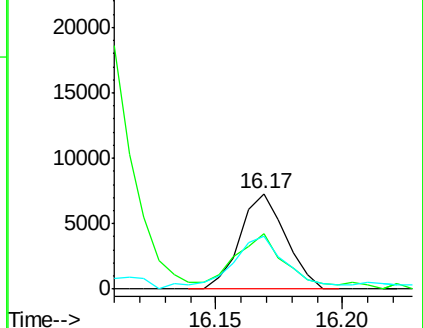
105 55.8 23.8 63.8

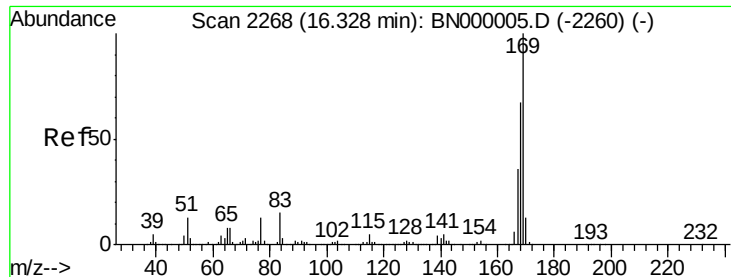


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.644 ng

RT: 16.31 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

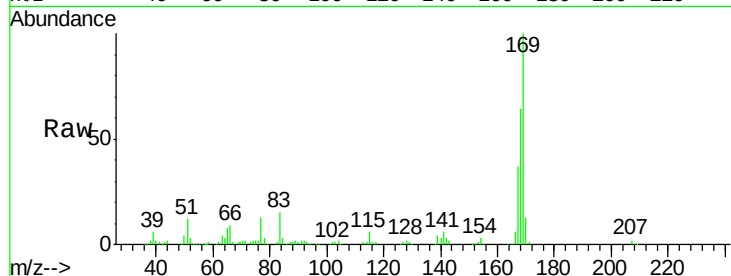
ClientSampled :

MDL-W-04

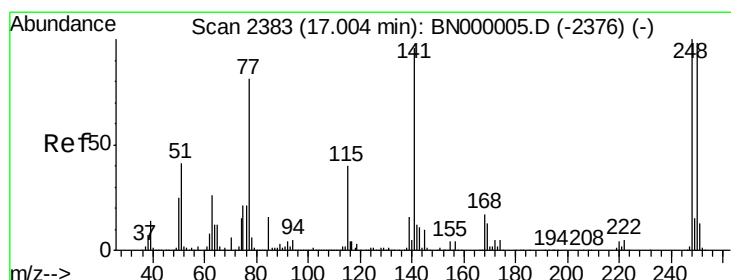
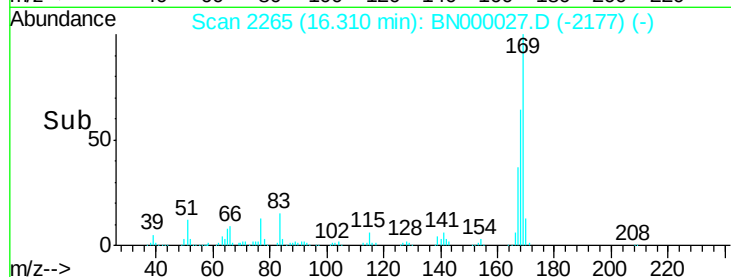
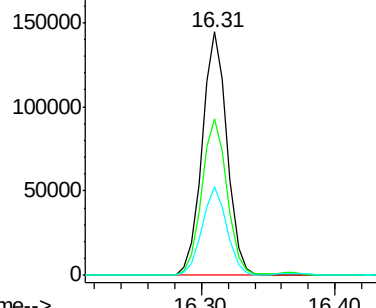
Tot Ion:	169	Resp:	188308
Ion Ratio		Lower	Upper
169	100		
168	64.5	55.7	83.5
167	36.5	30.1	45.1

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.931 ng

RT: 16.99 min Scan# 2381

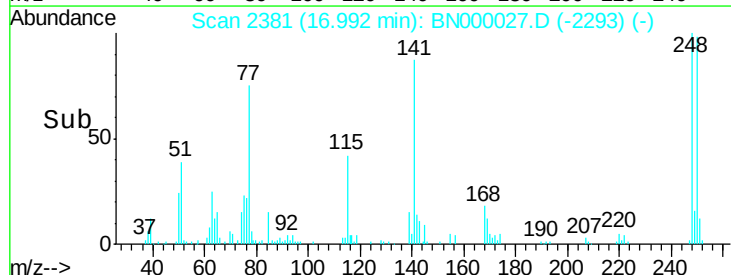
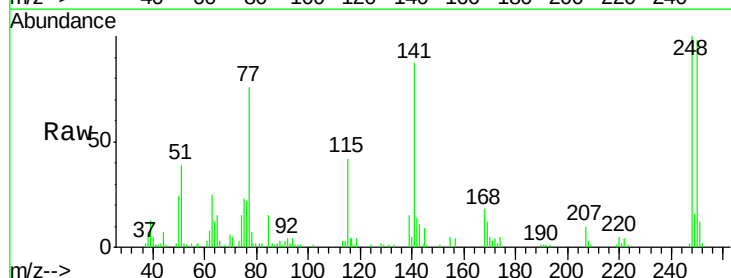
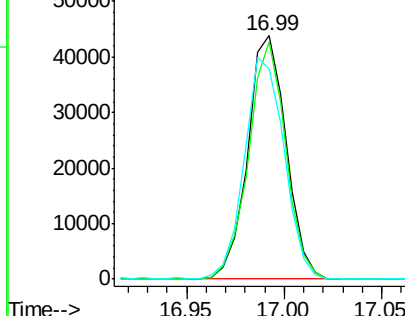
Delta R.T. -0.01 min

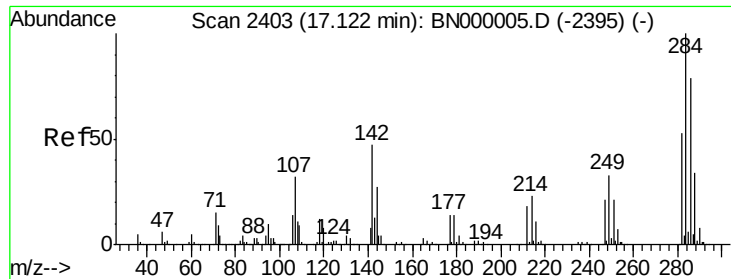
Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	248	Resp:	59764
Ion Ratio		Lower	Upper
248	100		
250	97.6	77.1	115.7
141	86.6	50.8	76.2

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





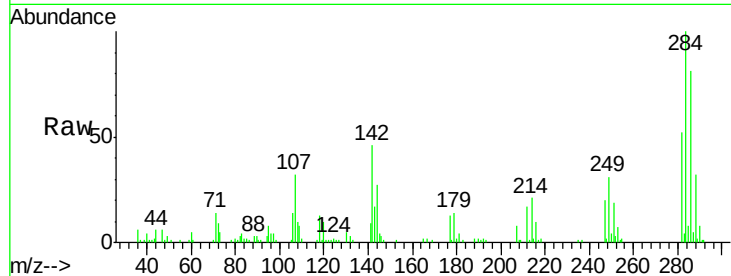
#67
Hexachlorobenzene
Concen: 3.046 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

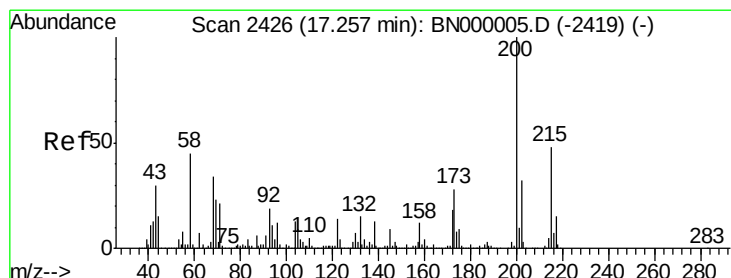
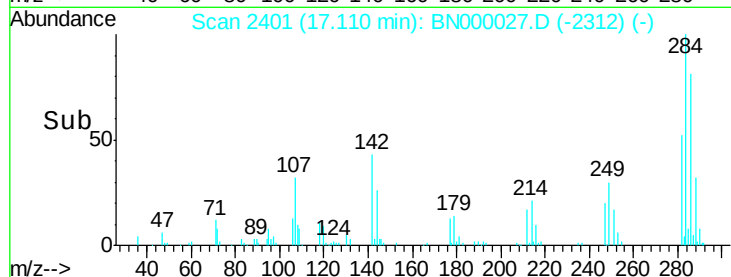
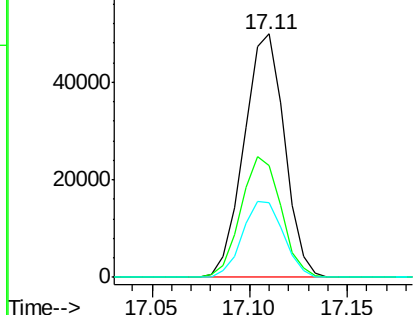
Tot Ion	Ratio	Resp	Lower	Upper
284	100	71572		
142	45.9	26.8	40.2	
249	30.6	26.3	39.5	

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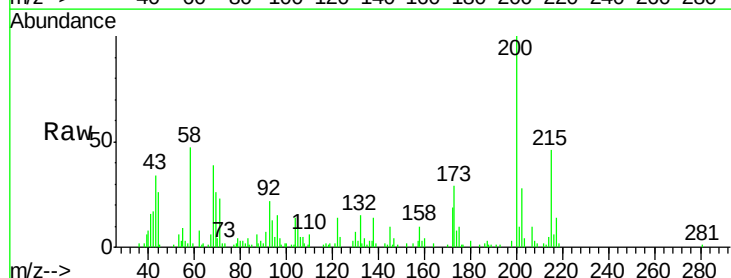


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

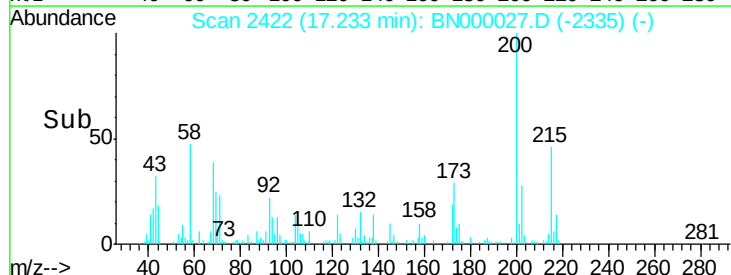
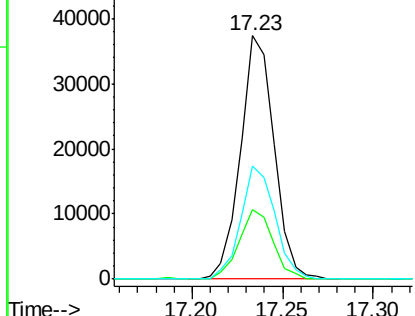


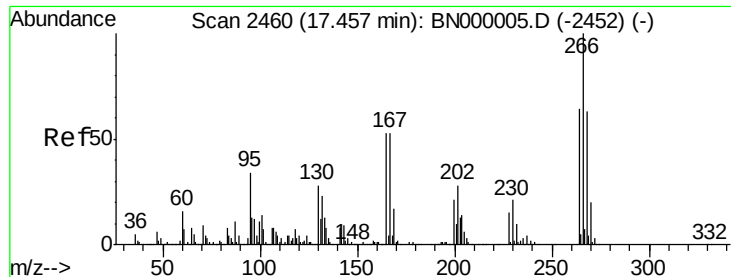
#68
Atrazine
Concen: 2.215 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	48092		
173	28.6	5.2	45.2	
215	46.4	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





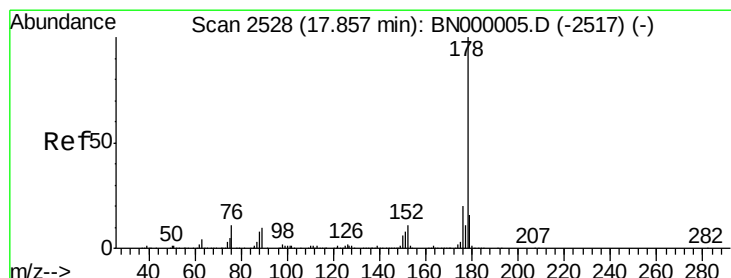
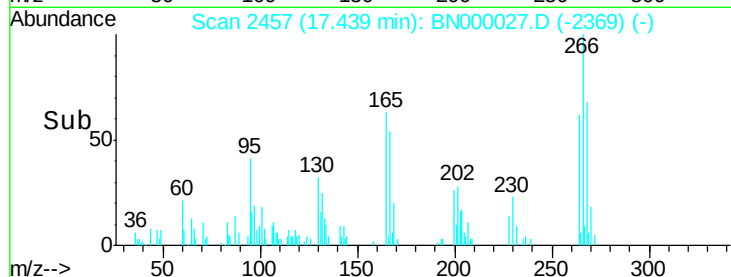
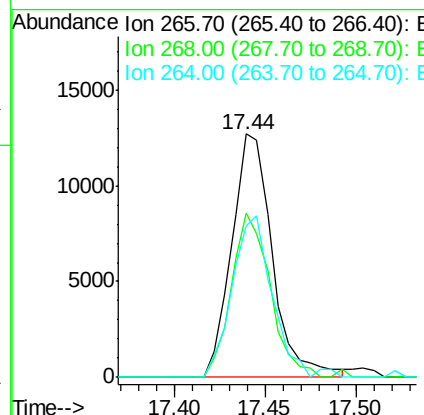
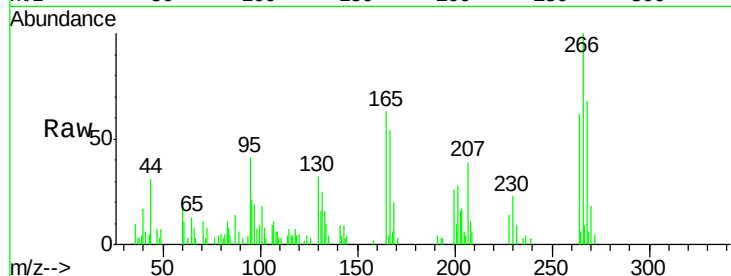
#69
 Pentachlorophenol
 Concen: 1.410 ng
 RT: 17.44 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	62.0	49.6	74.4

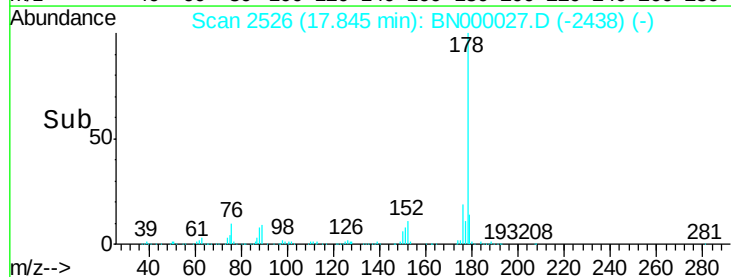
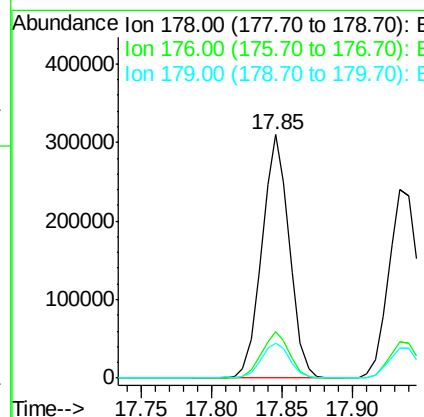
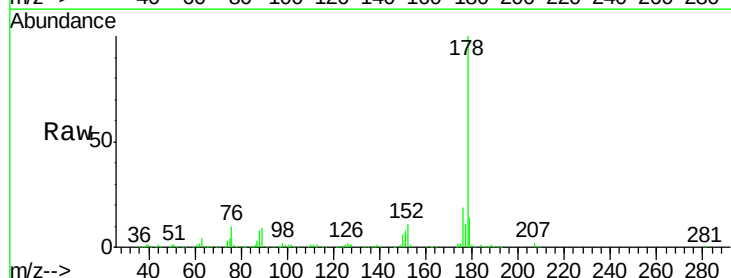
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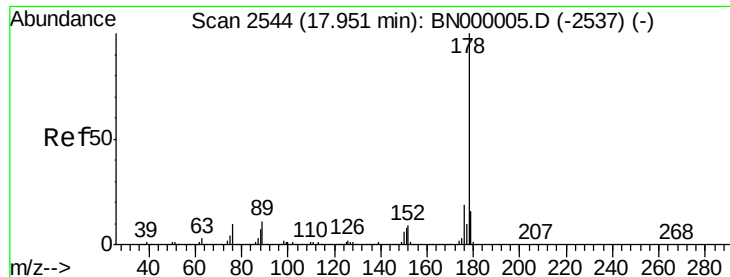
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#70
 Phenanthrene
 Concen: 3.232 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	14.4	12.5	18.7





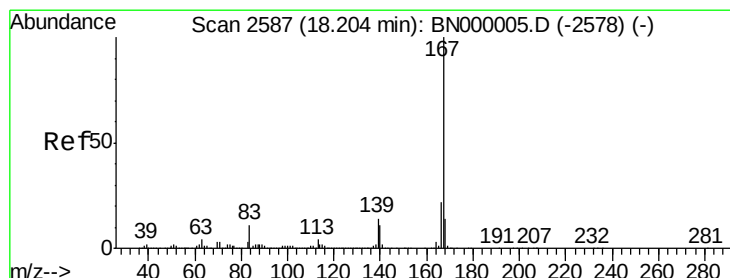
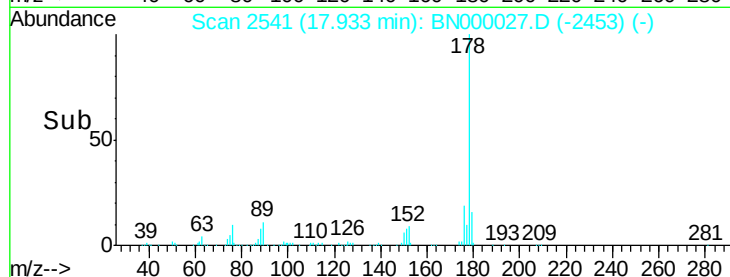
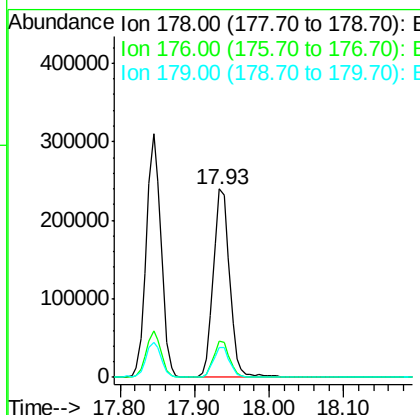
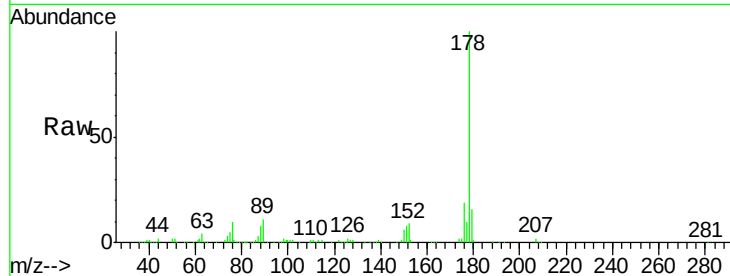
#71
 Anthracene
 Concen: 2.816 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.5	18.7

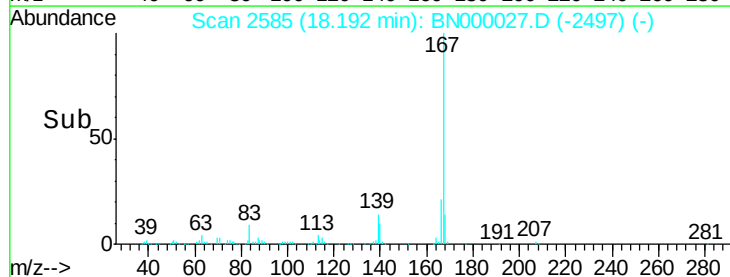
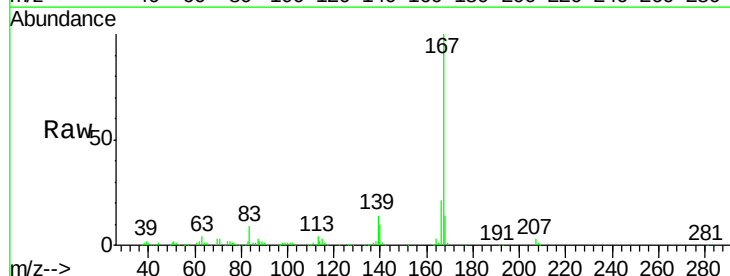
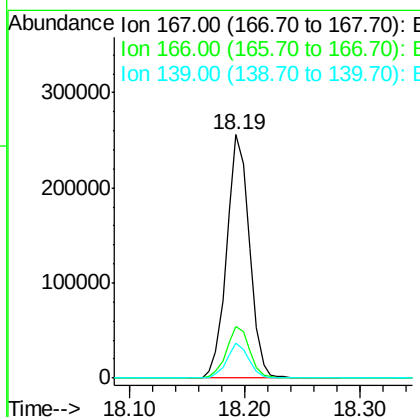
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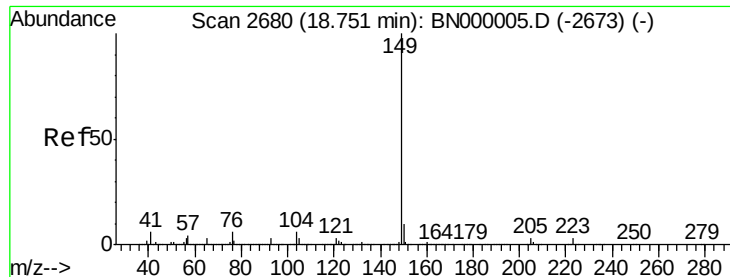
Sohil
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#72
 Carbazole
 Concen: 2.598 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	14.3	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 1.728 ng

RT: 18.73 min Scan# 2677

Delta R.T. -0.02 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

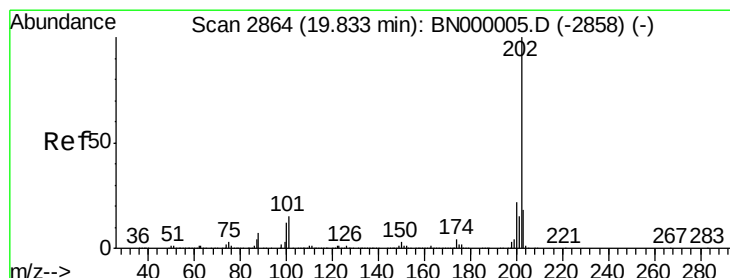
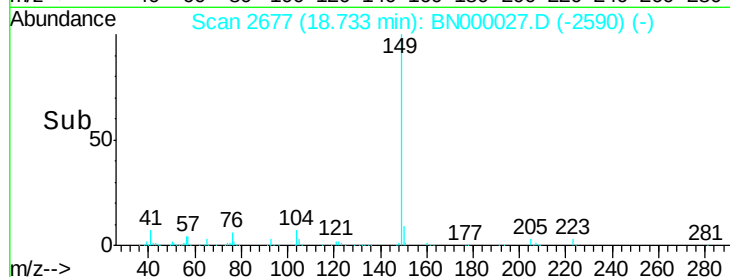
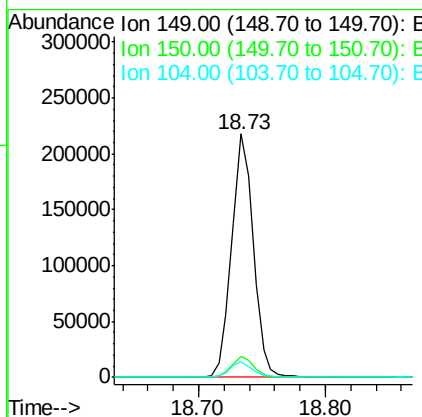
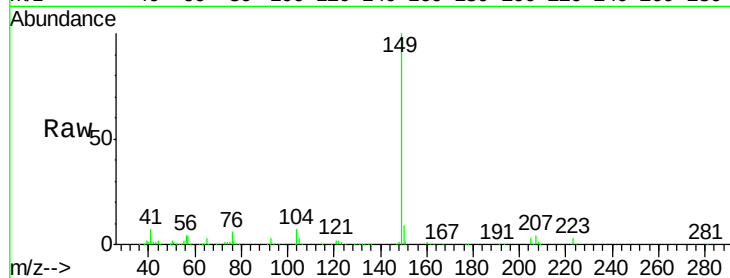
ClientSampled :

MDL-W-04

Tot Ion:	149	Resp:	257980
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.8	11.6
104	6.6	3.9	5.9

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#74

Fluoranthene

Concen: 2.761 ng

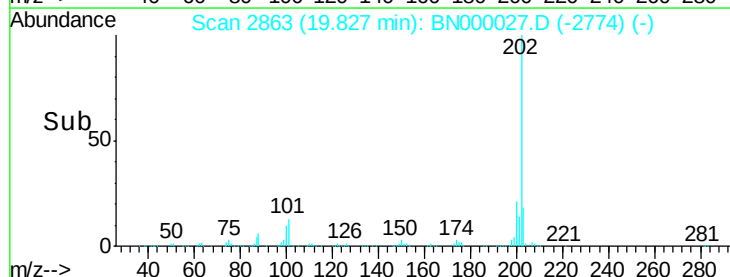
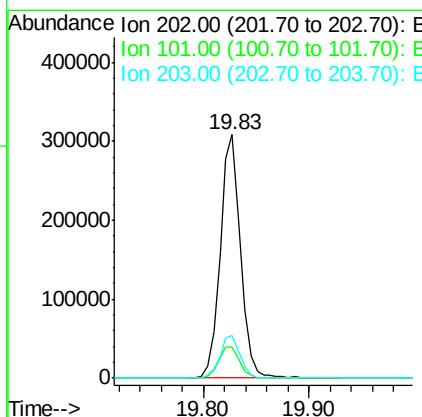
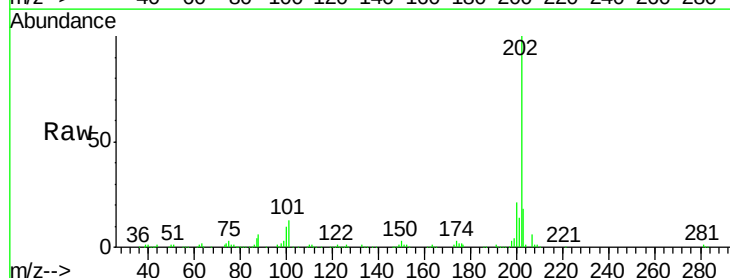
RT: 19.83 min Scan# 2863

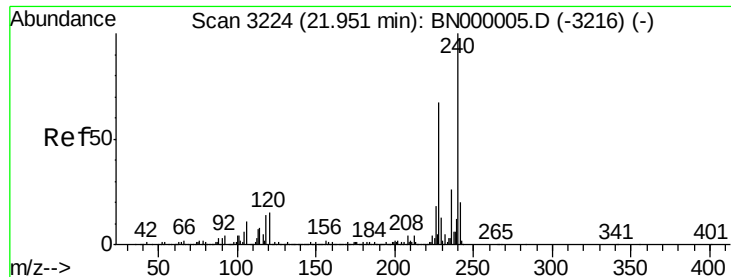
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	202	Resp:	411116
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	28.9
203	17.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

ClientSampled :

MDL-W-04

Tot Ion:240 Resp: 2546119

Ion Ratio Lower Upper

240 100

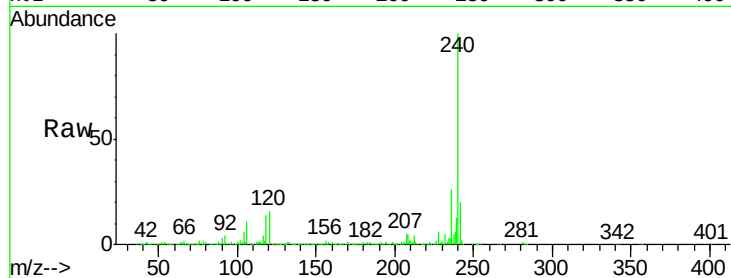
120 15.5 6.8 10.2#

236 25.6 20.9 31.3

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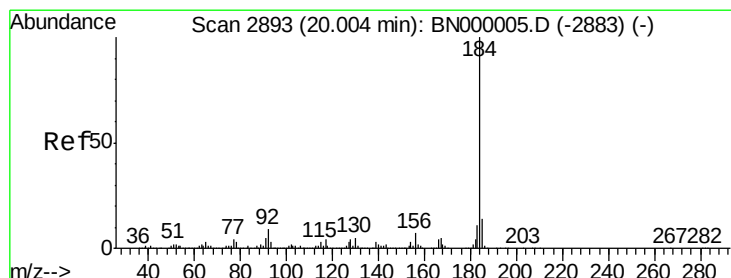
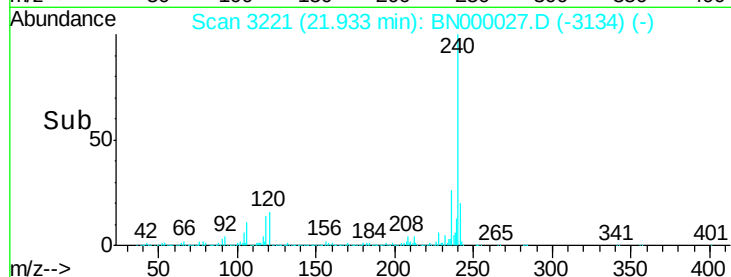
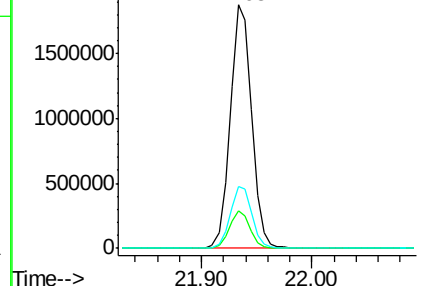
2/7/2018 5:15:35 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.327 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

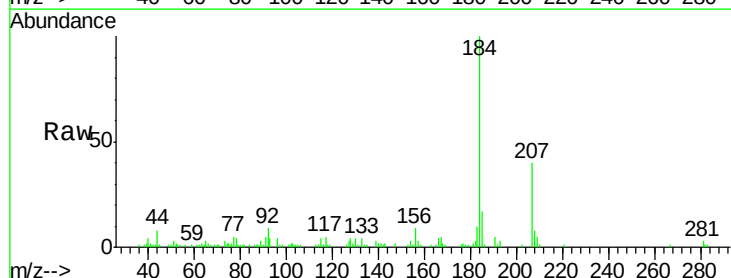
Tgt Ion:184 Resp: 85501

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

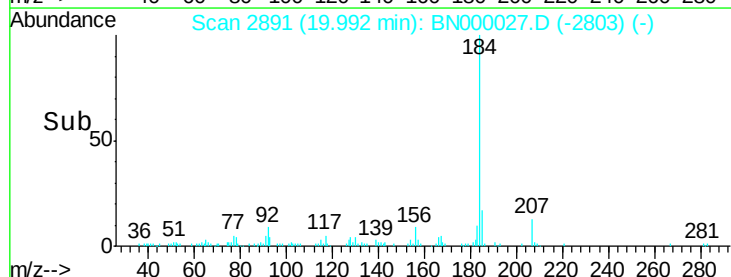
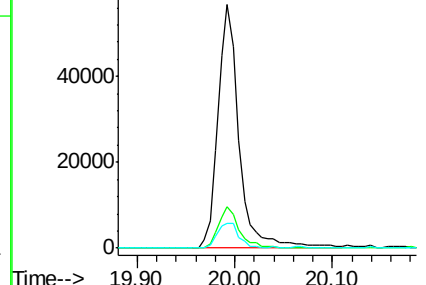
183 10.0 10.6 16.0#

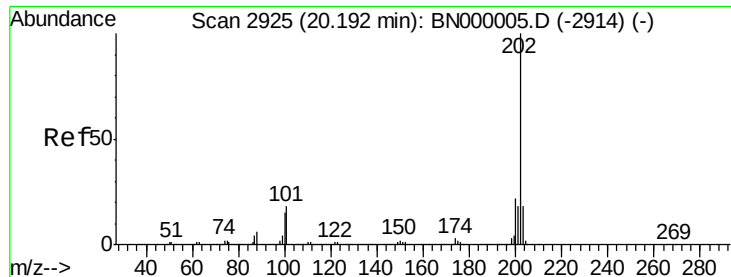


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.858 ng

RT: 20.19 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

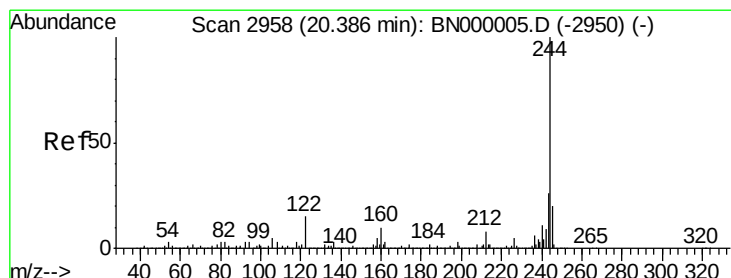
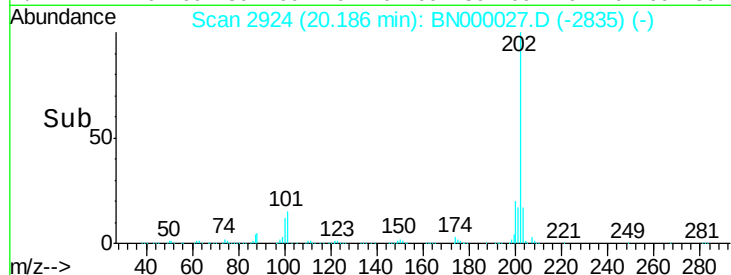
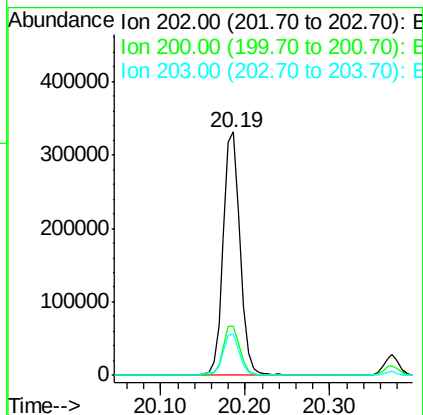
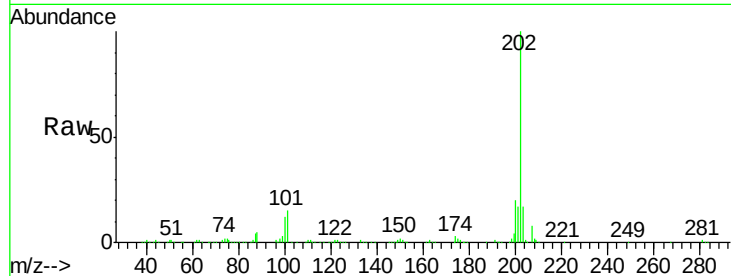
ClientSampleId :

MDL-W-04

Tot Ion:	202	Resp:	459057
Ion Ratio		Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.1	13.9	20.9

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#78

Terphenyl-d14

Concen: 91.620 ng

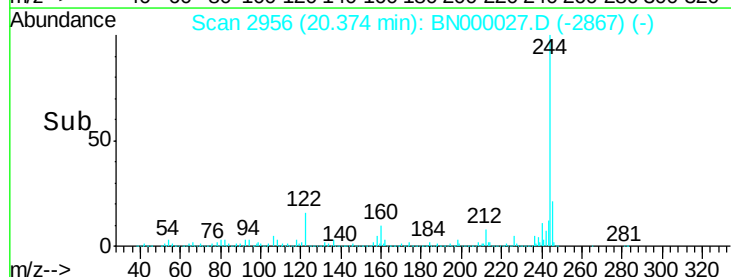
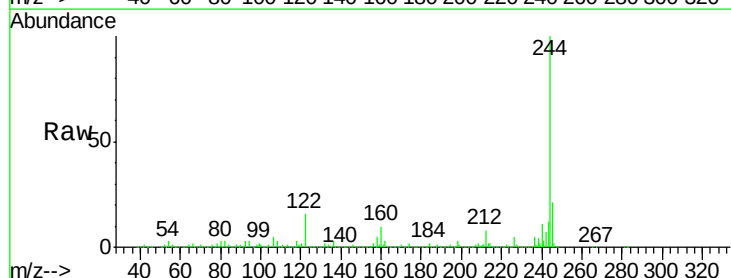
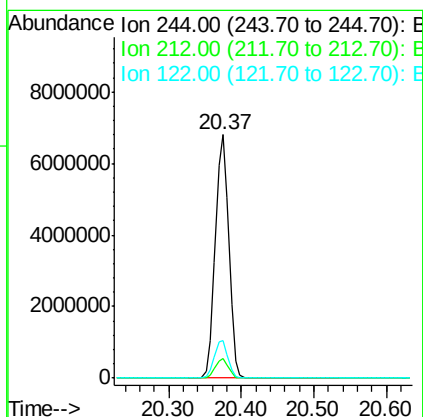
RT: 20.37 min Scan# 2956

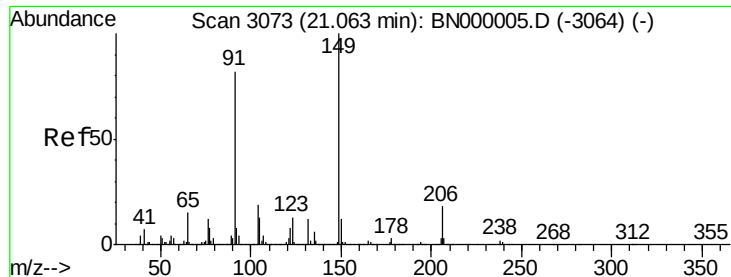
Delta R.T. -0.01 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion:	244	Resp:	8838098
Ion Ratio		Lower	Upper
244	100		
212	8.2	5.8	8.8
122	15.6	7.0	10.4#





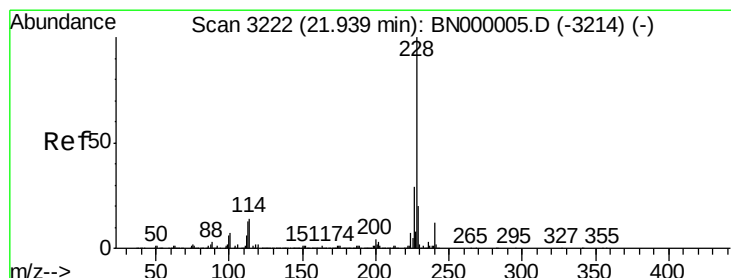
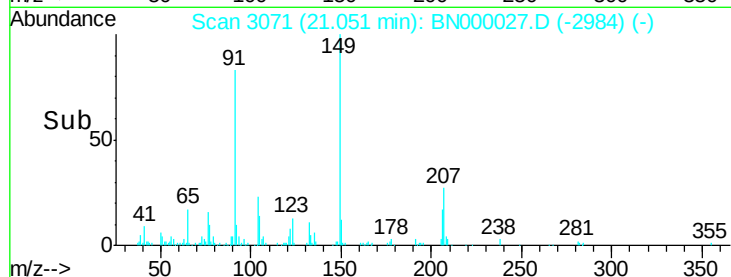
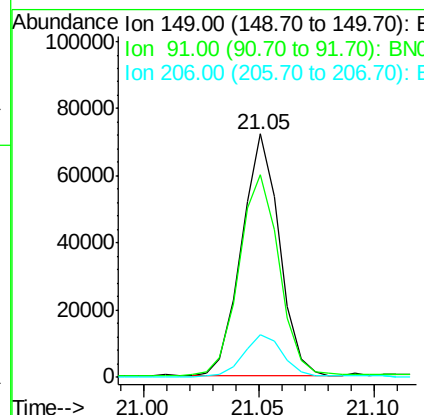
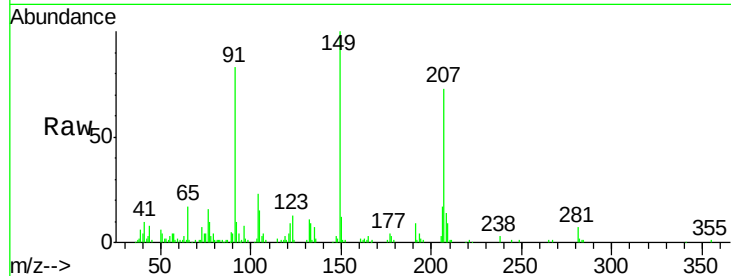
#79
Butylbenzylphthalate
Concen: 6.098 ng
RT: 21.05 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleID :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.3	62.2	93.2
206	17.4	18.6	27.8

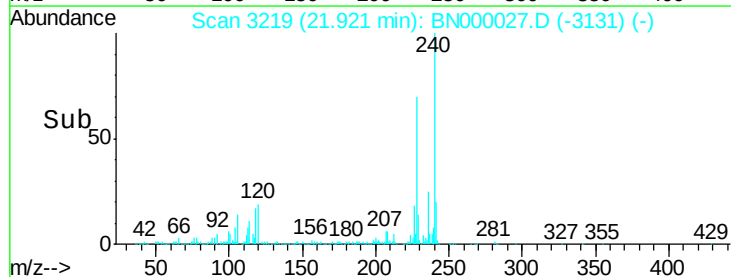
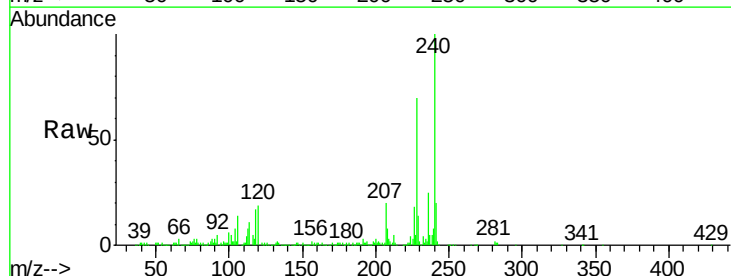
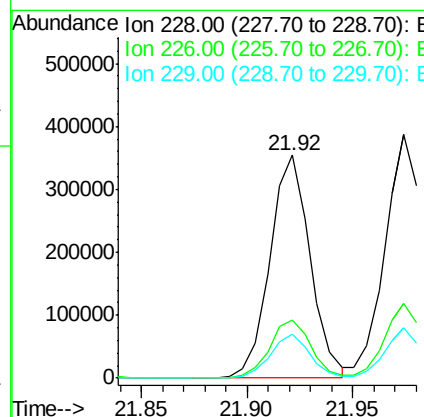
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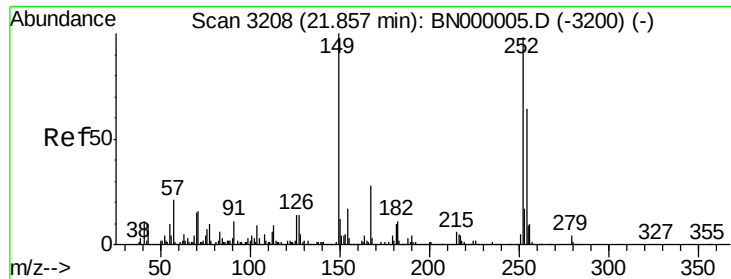
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#80
Benzo(a)anthracene
Concen: 2.967 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.7	34.1
229	19.5	16.2	24.2





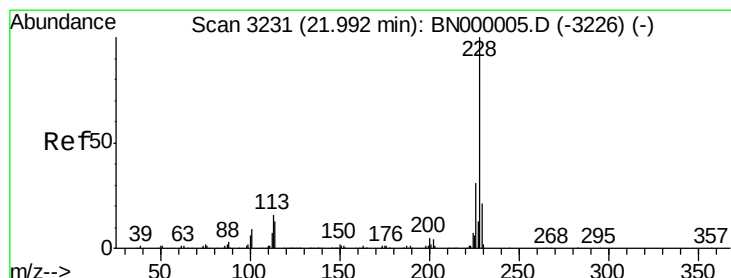
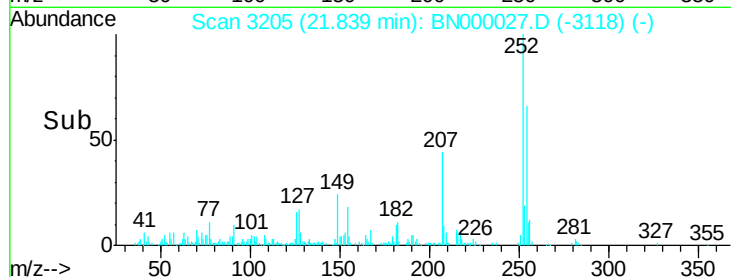
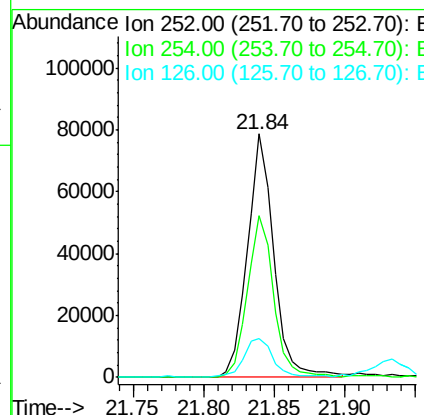
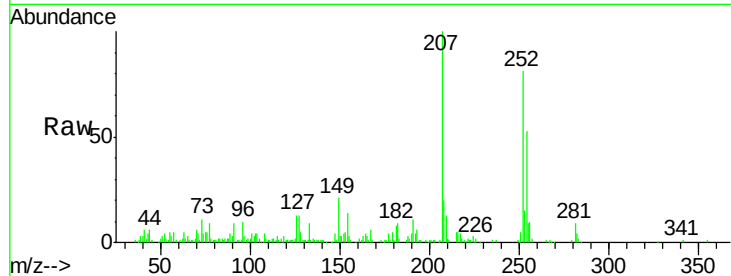
#81
 3,3'-Dichlorobenzidine
 Concen: 1.951 ng
 RT: 21.84 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampled :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.8	76.2
126	15.8	7.4	11.2

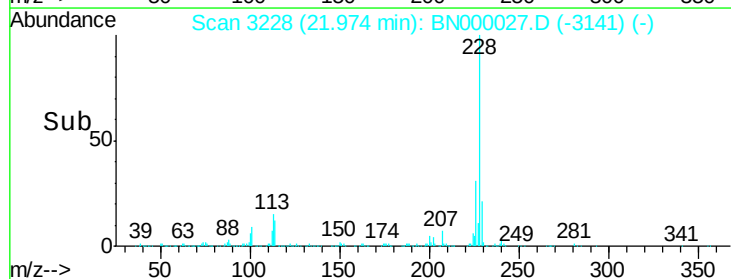
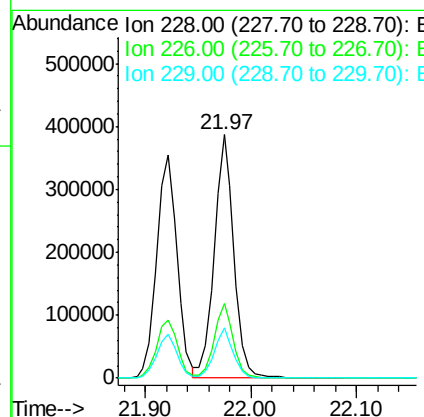
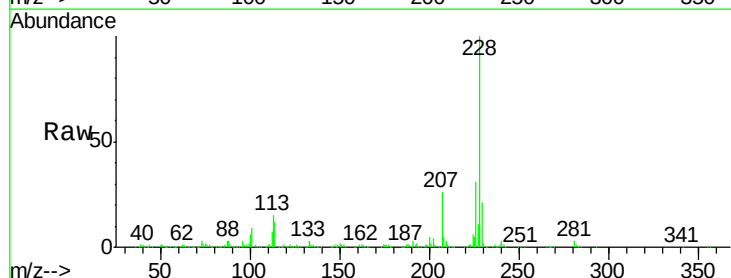
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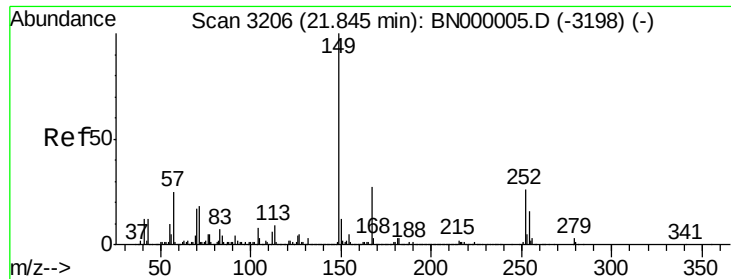
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#82
 Chrysene
 Concen: 3.217 ng
 RT: 21.97 min Scan# 3228
 Delta R.T. -0.02 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.7	15.0	22.4





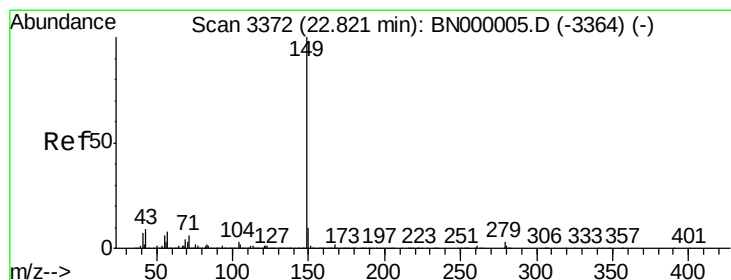
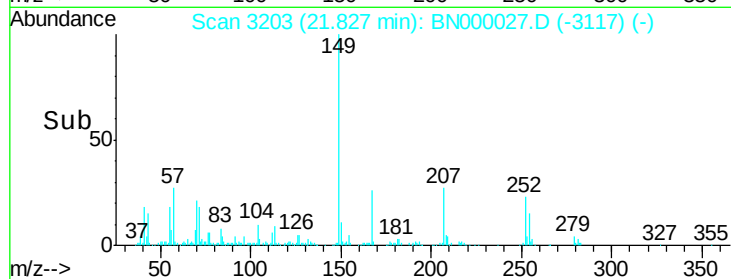
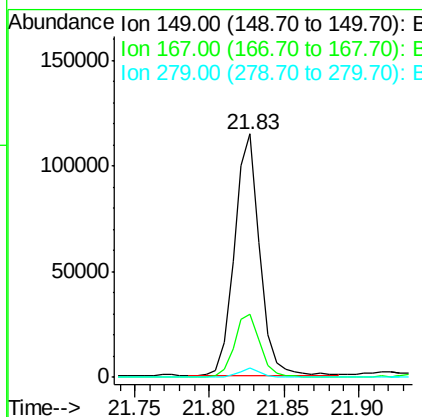
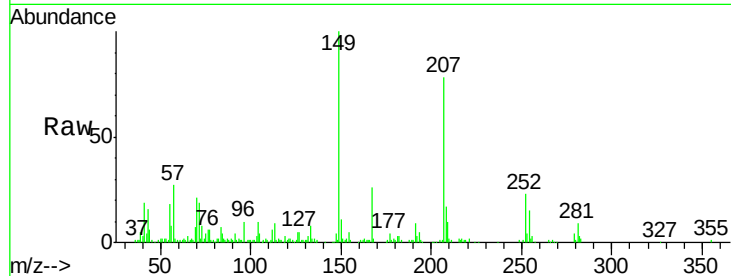
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.274 ng
RT: 21.83 min Scan# 3203
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	24.3	36.5
279	3.7	4.0	6.0

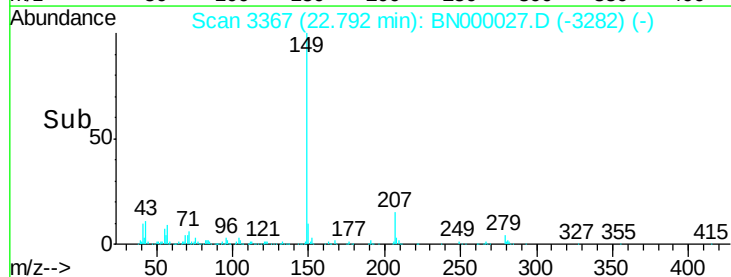
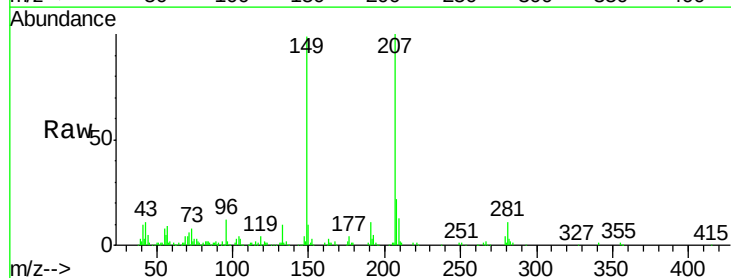
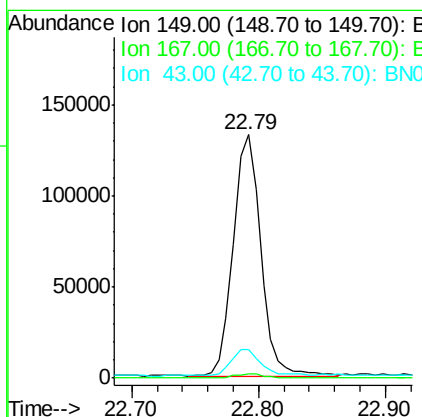
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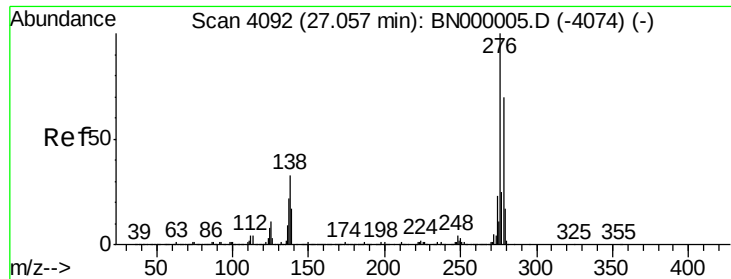
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#84
Di-n-octyl phthalate
Concen: 1.164 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.03 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	11.2	8.9	13.3





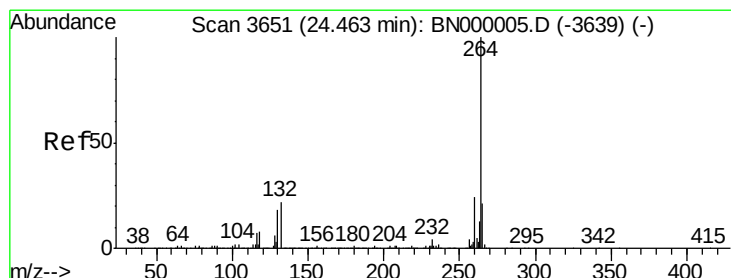
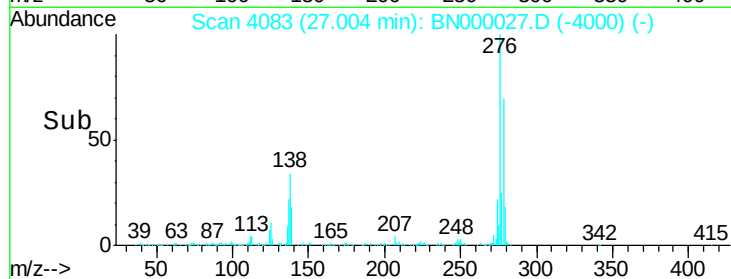
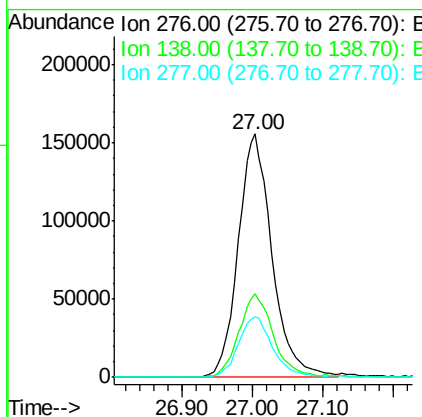
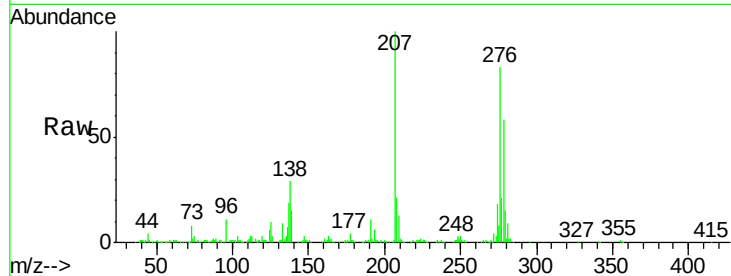
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.571 ng
RT: 27.00 min Scan# 4083
Delta R.T. -0.04 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	16.0	24.0#
277	25.5	20.0	30.0

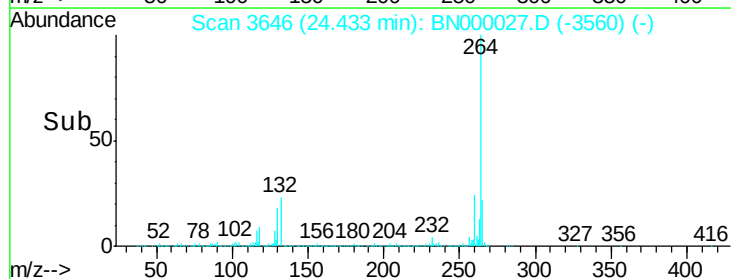
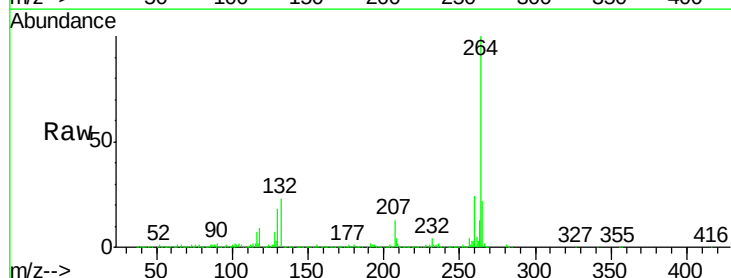
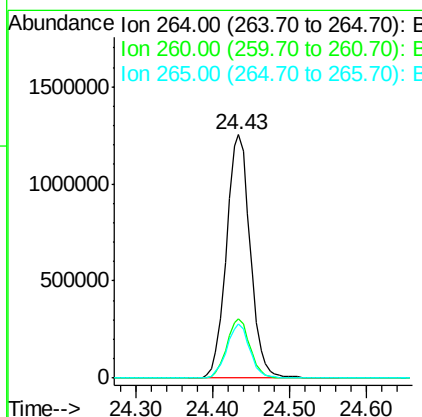
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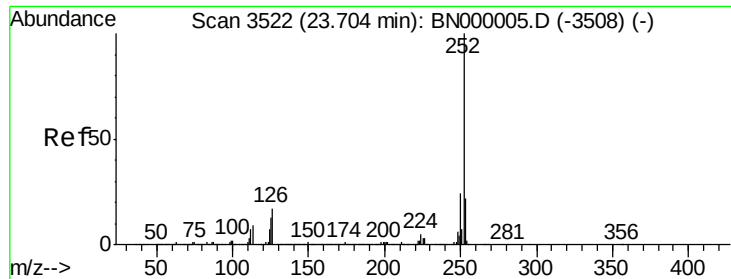
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.43 min Scan# 3646
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 2.850 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Instrument :

BNA_N

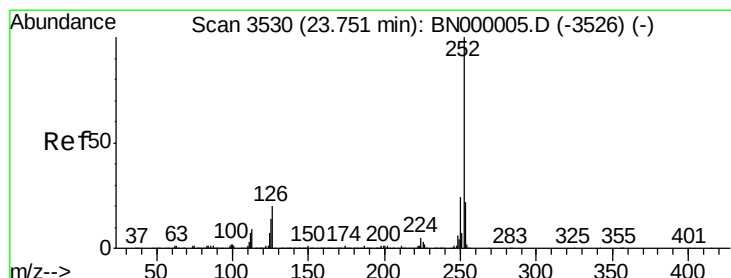
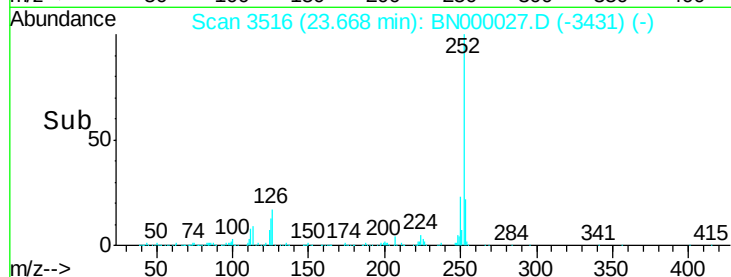
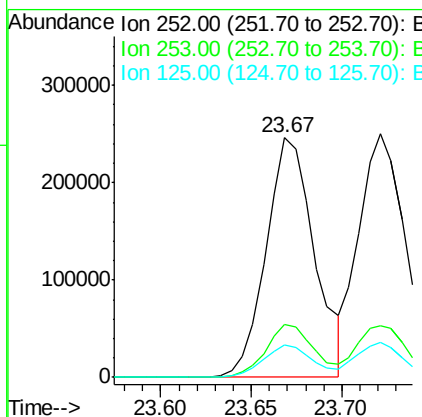
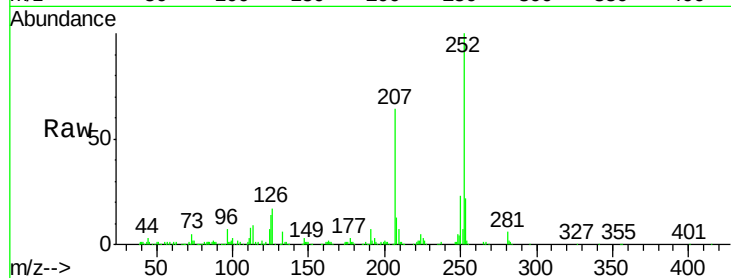
ClientSampled :

MDL-W-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.5	7.2	10.8

Manual Integrations
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2/7/2018 5:15:35 PM



#88

Benzo(k)fluoranthene

Concen: 2.869 ng

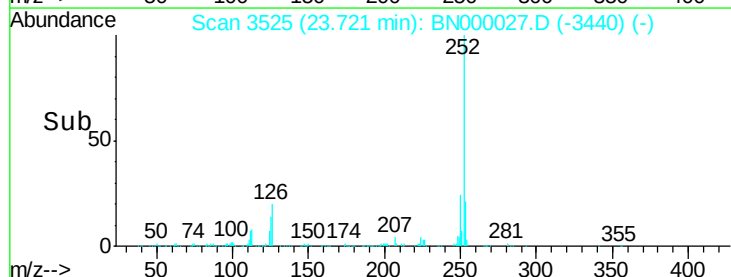
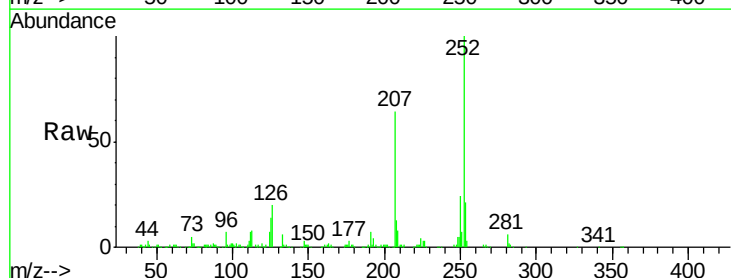
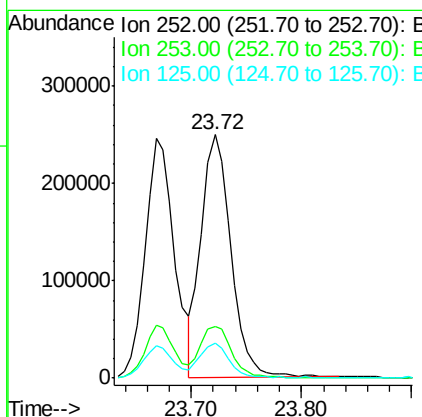
RT: 23.72 min Scan# 3525

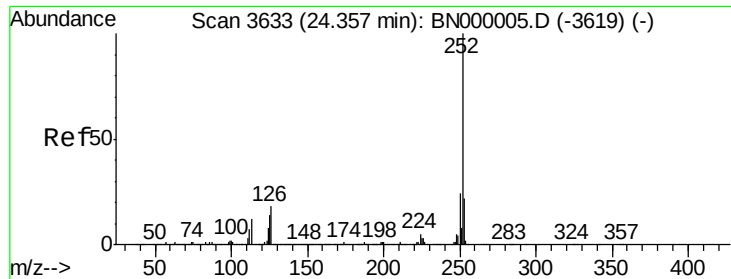
Delta R.T. -0.03 min

Lab File: BN000027.D

Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	14.4	6.6	9.8





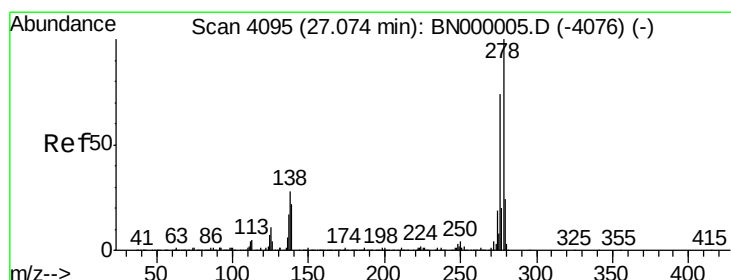
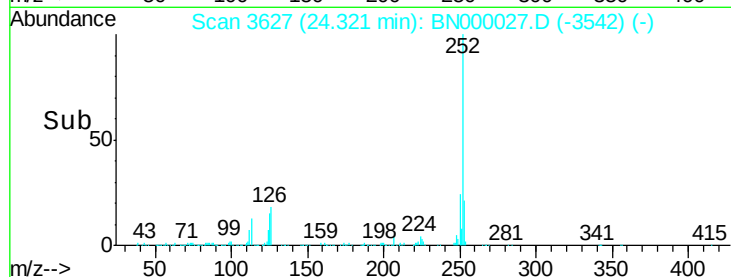
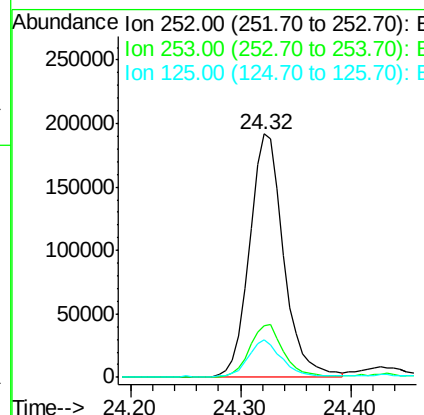
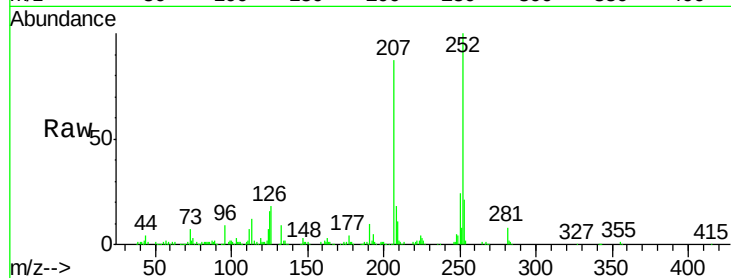
#89
Benzo(a)pyrene
Concen: 2.672 ng
RT: 24.32 min Scan# 3627
Delta R.T. -0.03 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampled :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.3	27.5
125	15.5	7.3	10.9#

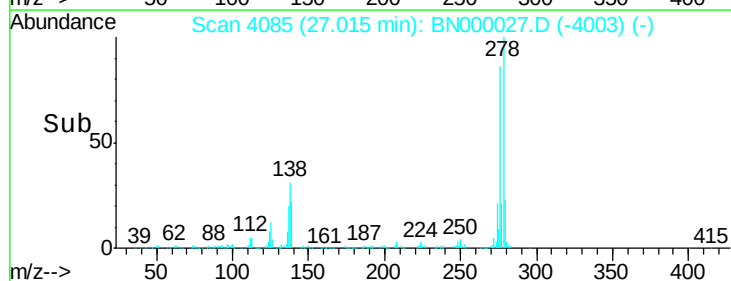
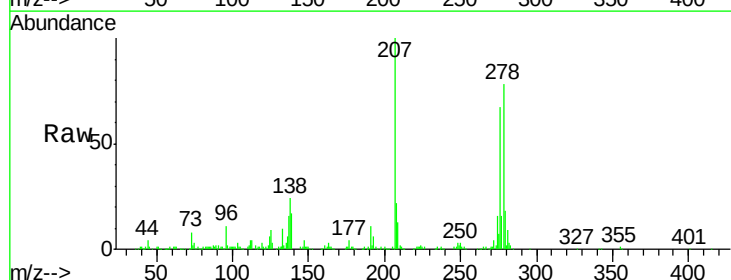
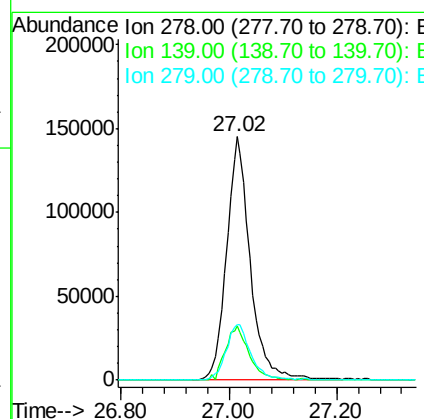
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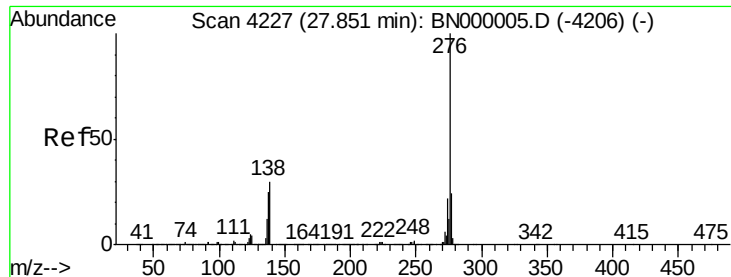
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.741 ng
RT: 27.02 min Scan# 4085
Delta R.T. -0.05 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	9.8	14.6#
279	22.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.727 ng
 RT: 27.79 min Scan# 4217
 Delta R.T. -0.04 min
 Lab File: BN000027.D
 Acq: 06 Feb 2018 11:53

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	27.6	13.9	20.9

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