

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000022.D
 Acq On : 06 Feb 2018 09:02
 Operator :
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:13:37 PM

Quant Time: Feb 07 04:18:16 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	361835	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1817003	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	1084496	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2385843	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2591638	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2799104	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1884691	76.80	ng	0.00
7) Phenol-d6	7.59	99	2875630	77.14	ng	0.00
23) Nitrobenzene-d5	9.65	82	2582916	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	891375	81.76	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6469732	79.90	ng	-0.01
78) Terphenyl-d14	20.37	244	8133354	82.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	365629	37.661	ng	95
3) Pyridine	4.10	79	1196651	40.642	ng	99
4) n-Nitrosodimethylamine	4.01	42	333311	38.477	ng	# 97
6) Aniline	7.78	93	1967407	38.717	ng	91
8) 2-Chlorophenol	8.02	128	1077499	39.689	ng	87
9) Benzaldehyde	7.59	77	699589	35.431	ng	87
10) Phenol	7.62	94	1485593	38.990	ng	87
11) bis(2-Chloroethyl)ether	7.88	93	1183288	38.928	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	1198095	39.752	ng	99
13) 1,4-Dichlorobenzene	8.51	146	1229373	39.716	ng	96
14) 1,2-Dichlorobenzene	8.83	146	1213942	39.693	ng	97
15) Benzyl Alcohol	8.70	79	1012811	36.999	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1281192	38.969	ng	79
17) 2-Methylphenol	8.90	107	1072042	39.019	ng	95
18) Hexachloroethane	9.58	117	424936	40.032	ng	# 81
19) n-Nitroso-di-n-propylamine	9.28	70	939063	37.384	ng	# 84
20) 3+4-Methylphenols	9.23	107	1487733	38.661	ng	93
22) Acetophenone	9.30	105	2108228	39.284	ng	# 87
24) Nitrobenzene	9.69	77	1382034	42.881	ng	# 93
25) Isophorone	10.22	82	2670330	37.517	ng	97
26) 2-Nitrophenol	10.41	139	432147	40.669	ng	91
27) 2,4-Dimethylphenol	10.45	122	1109555	38.019	ng	96
28) bis(2-Chloroethoxy)methane	10.70	93	1641655	39.987	ng	98
29) 2,4-Dichlorophenol	10.95	162	1021855	40.807	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1173215	40.010	ng	96
31) Naphthalene	11.37	128	4045960	39.703	ng	98
32) Benzoic acid	10.56	122	605540m	38.967	ng	
33) 4-Chloroaniline	11.46	127	1858369	39.335	ng	94
34) Hexachlorobutadiene	11.65	225	603719	40.412	ng	97
35) Caprolactam	12.21	113	427973	38.450	ng	92
36) 4-Chloro-3-methylphenol	12.55	107	1322110	38.830	ng	97
37) 2-Methylnaphthalene	12.94	142	2860280	39.721	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1293587	40.951	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	486358	46.097	ng	90

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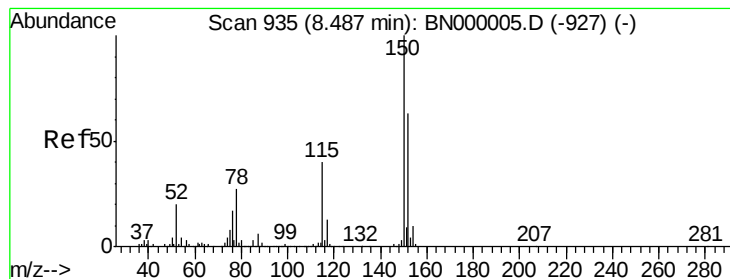
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	769909	41.235	ng	98
43) 2,4,5-Trichlorophenol	13.59	196	926500	42.137	ng	# 92
45) 1,1'-Biphenyl	13.93	154	3879249	40.034	ng	98
46) 2-Chloronaphthalene	13.97	162	2931234	40.295	ng	97
47) 2-Nitroaniline	14.16	65	768074	41.261	ng	# 81
48) Acenaphthylene	14.81	152	4910358	40.198	ng	98
49) Dimethylphthalate	14.53	163	3793430	39.138	ng	99
50) 2,6-Dinitrotoluene	14.65	165	749491	40.752	ng	93
51) Acenaphthene	15.15	154	3071443	39.847	ng	99
52) 3-Nitroaniline	14.97	138	931662	41.139	ng	# 92
53) 2,4-Dinitrophenol	15.17	184	178847	43.317	ng	# 29
54) Dibenzofuran	15.47	168	4374389	39.546	ng	95
55) 4-Nitrophenol	15.25	139	656913	39.202	ng	# 85
56) 2,4-Dinitrotoluene	15.42	165	1004865	41.071	ng	93
57) Fluorene	16.12	166	3632368	39.000	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	737330	41.177	ng	# 81
59) Diethylphthalate	15.87	149	3944880	38.954	ng	97
60) 4-Chlorophenyl-phenylether	16.10	204	1618406	39.315	ng	91
61) 4-Nitroaniline	16.12	138	981071	40.800	ng	89
62) Azobenzene	16.40	77	3950719	39.038	ng	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	348571	42.421	ng	88
65) n-Nitrosodiphenylamine	16.31	169	3226466	41.384	ng	97
66) 4-Bromophenyl-phenylether	16.99	248	914861	40.978	ng	# 85
67) Hexachlorobenzene	17.11	284	1053737	40.968	ng	# 89
68) Atrazine	17.24	200	974011	40.983	ng	94
69) Pentachlorophenol	17.45	266	618609	40.157	ng	97
70) Phenanthrene	17.85	178	5763047	40.145	ng	100
71) Anthracene	17.94	178	5784485	40.675	ng	99
72) Carbazole	18.19	167	5865530	39.865	ng	96
73) Di-n-butylphthalate	18.73	149	6595125	40.362	ng	99
74) Fluoranthene	19.82	202	6355093	38.988	ng	93
76) Benzidine	19.99	184	2800245	42.686	ng	96
77) Pyrene	20.18	202	6910885	42.268	ng	98
79) Butylbenzylphthalate	21.05	149	2802375	40.304	ng	97
80) Benzo(a)anthracene	21.92	228	6633106	41.281	ng	99
81) 3,3'-Dichlorobenzidine	21.83	252	2328676	43.247	ng	# 97
82) Chrysene	21.97	228	6491824	40.681	ng	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4544448	42.140	ng	# 95
84) Di-n-octyl phthalate	22.79	149	7226118	41.400	ng	# 94
85) Indeno(1,2,3-cd)pyrene	27.01	276	8360825	40.616	ng	# 87
87) Benzo(b)fluoranthene	23.67	252	6726129	40.414	ng	# 96
88) Benzo(k)fluoranthene	23.72	252	7006508	41.988	ng	# 95
89) Benzo(a)pyrene	24.32	252	6645231	41.101	ng	# 95
90) Dibenzo(a,h)anthracene	27.02	278	6972301	41.201	ng	# 91
91) Benzo(g,h,i)perylene	27.80	276	6980386	40.586	ng	# 89

(#) = 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: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

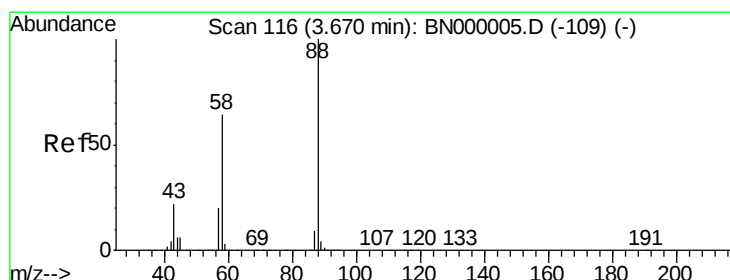
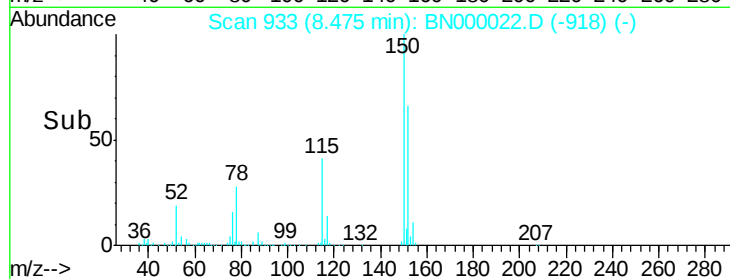
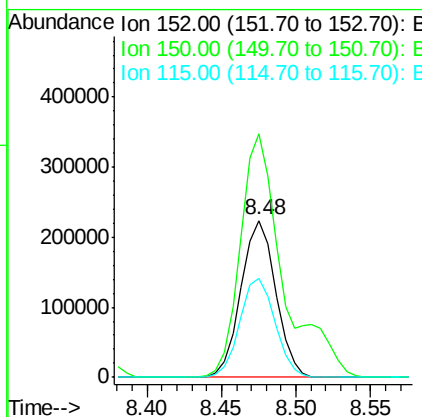
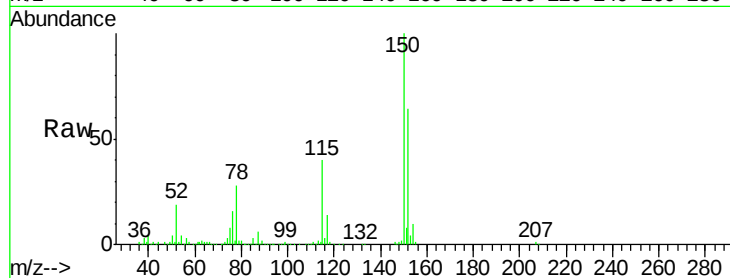
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	361835
Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	62.8	53.0	79.4

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#2

1,4-Dioxane

Concen: 37.661 ng

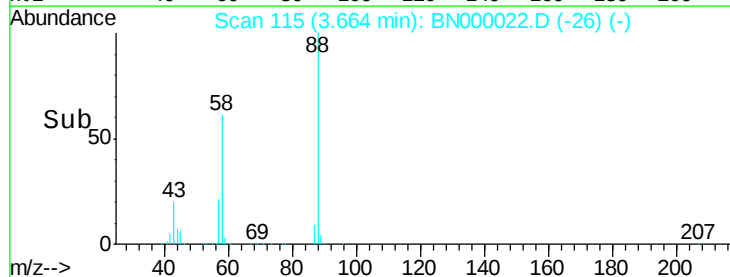
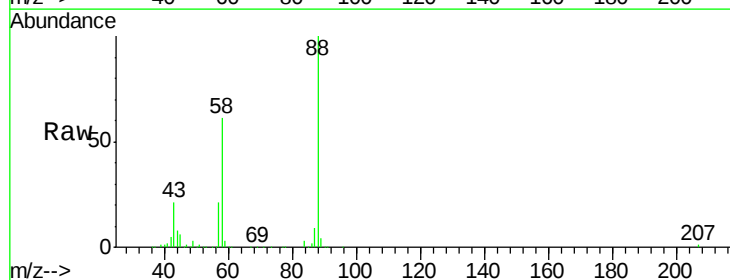
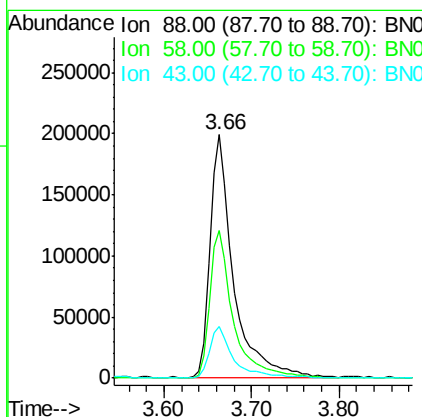
RT: 3.66 min Scan# 115

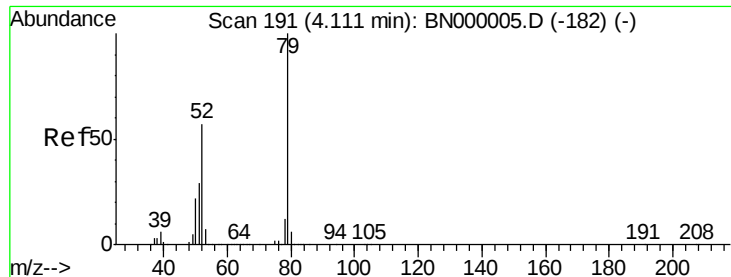
Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion:	88	Resp:	365629
Ion	Ratio	Lower	Upper
88	100		
58	61.8	52.0	78.0
43	21.2	20.0	30.0





#3

Pvridine

Concen: 40.642 ng

RT: 4.10 min Scan# 190

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1196651

Ion Ratio Lower Upper

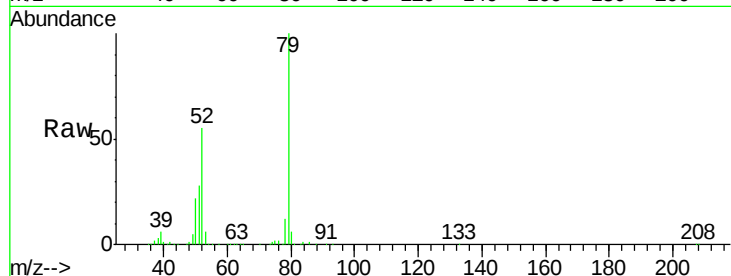
79 100

52 55.1 44.0 66.0

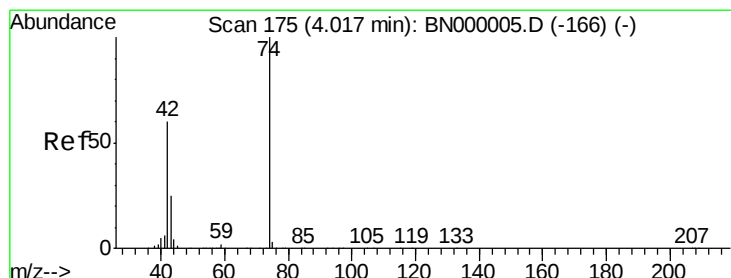
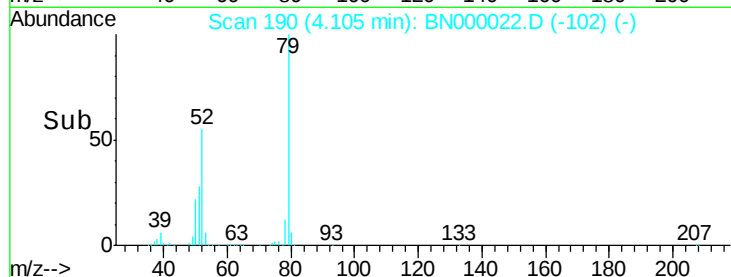
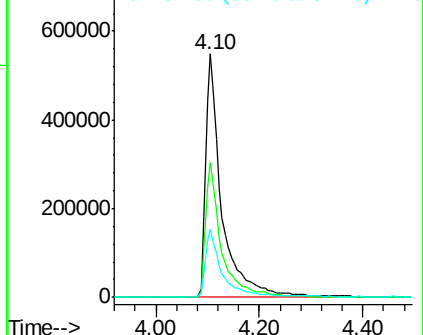
51 28.2 24.0 36.0

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Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 38.477 ng

RT: 4.01 min Scan# 174

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

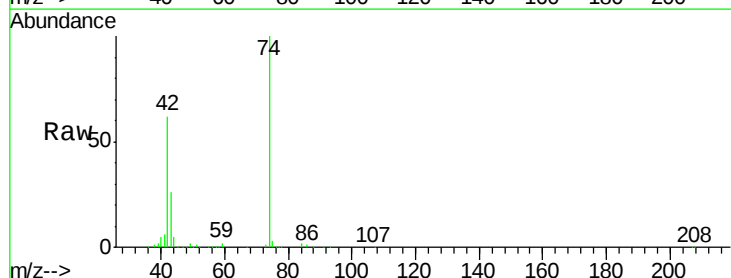
Tgt Ion: 42 Resp: 333311

Ion Ratio Lower Upper

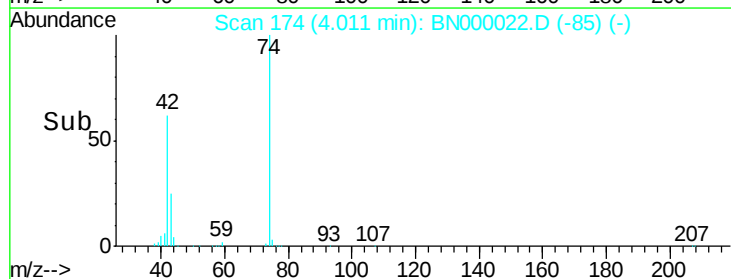
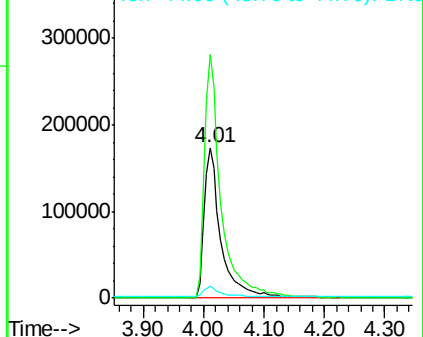
42 100

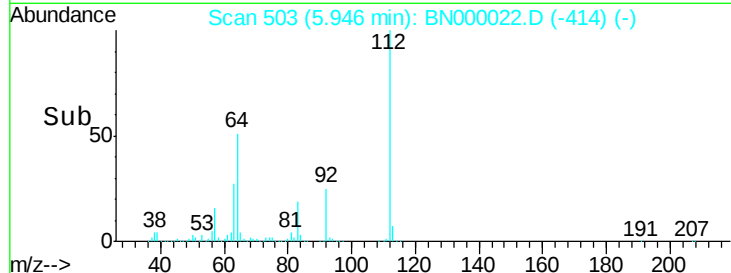
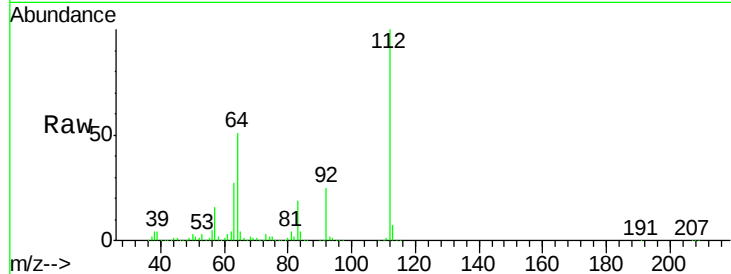
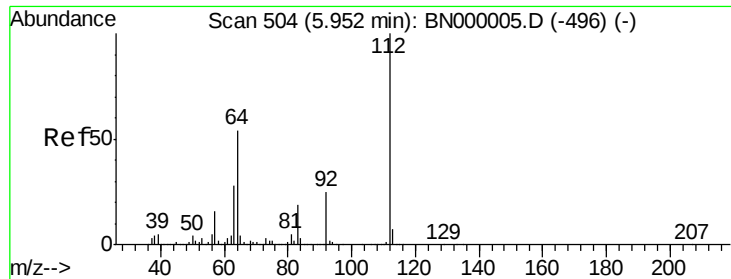
74 161.8 128.0 192.0

44 7.8 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





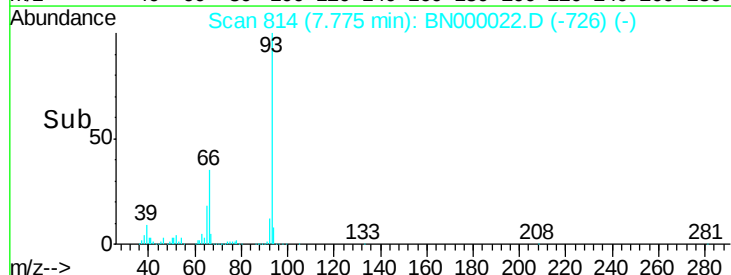
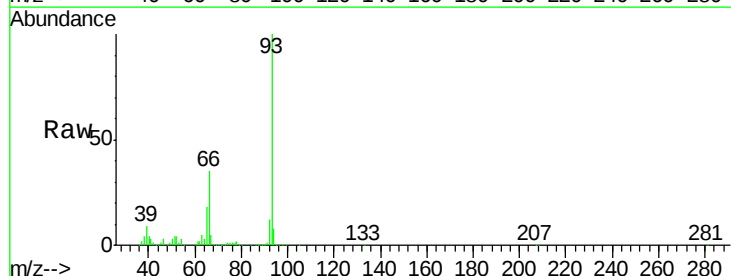
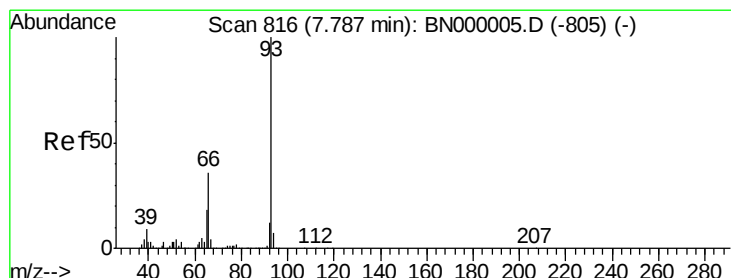
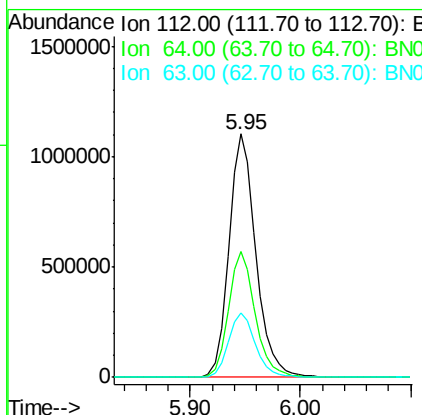
#5
2-Fluorophenol
Concen: 76.799 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tot Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5#
63	26.6	30.1	45.1#

Instrument :
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SSTDCCC040

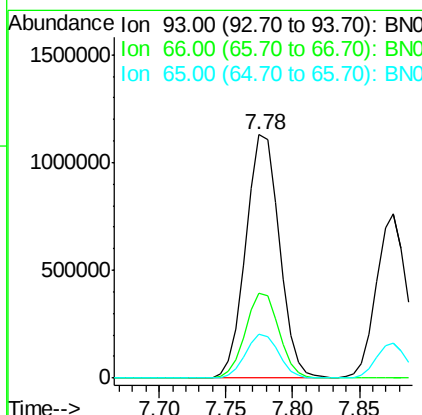
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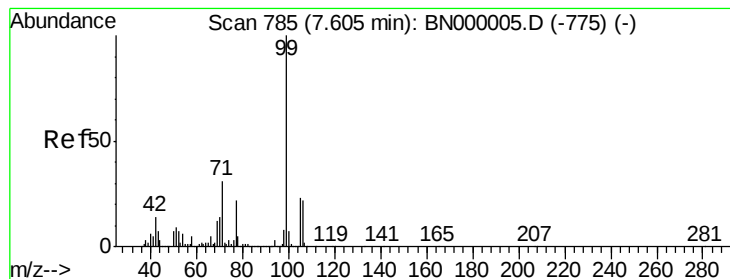
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#6
Aniline
Concen: 38.717 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
93	100		
66	35.0	33.7	50.5
65	17.9	16.1	24.1





#7

Phenol-d6

Concen: 77.144 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2875630

Ion Ratio Lower Upper

99 100

42 13.2 14.1 21.1#

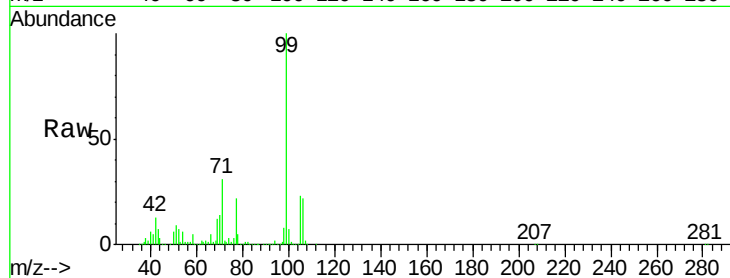
71 30.7 26.1 39.1

Manual Integrations

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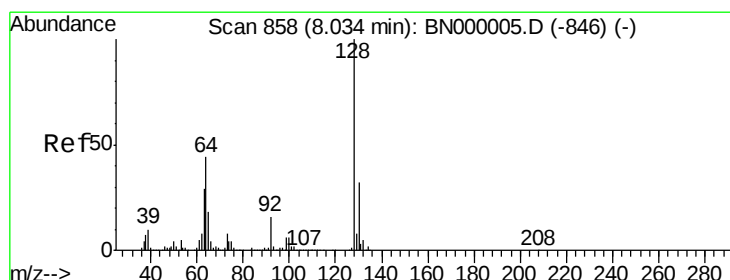
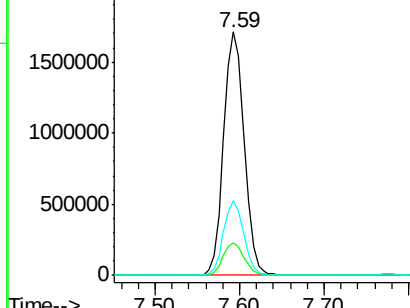
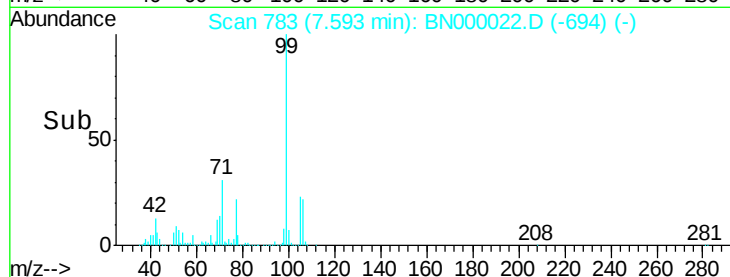
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Abundance Ion 99.00 (98.70 to 99.70): BN000005.D (-775) (-)

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

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



#8

2-Chlorophenol

Concen: 39.689 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

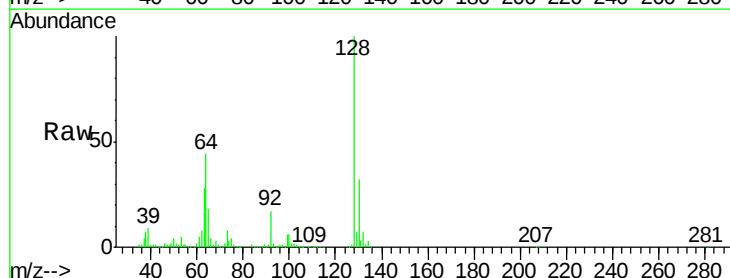
Tgt Ion: 128 Resp: 1077499

Ion Ratio Lower Upper

128 100

130 32.0 14.0 54.0

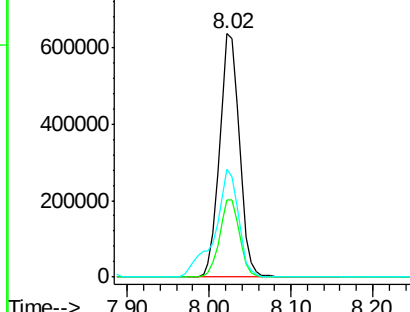
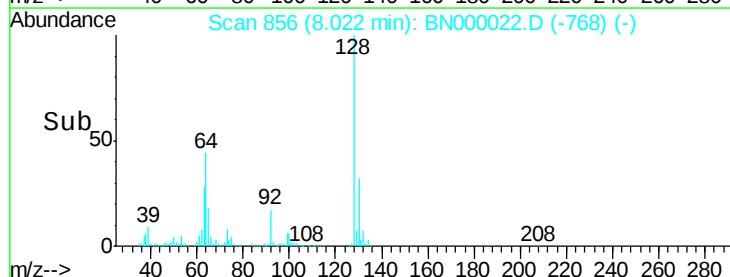
64 44.2 37.7 77.7

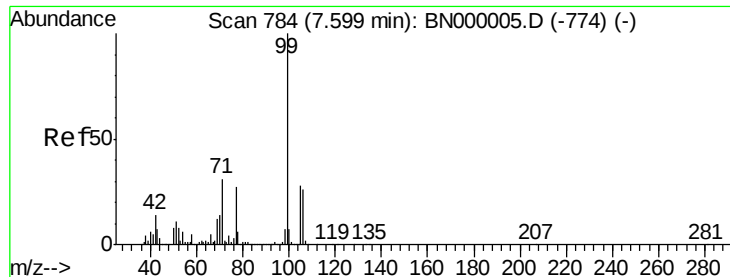


Abundance Ion 128.00 (127.70 to 128.70): BN000005.D (-846) (-)

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

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





#9

Benzaldehyde

Concen: 35.431 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

SSTDCCC040

Tot Ion: 77 Resp: 699589

Ion Ratio Lower Upper

77 100

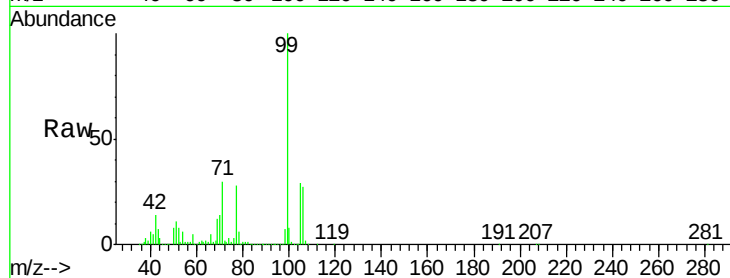
105 103.0 71.3 111.3

106 96.2 64.2 104.2

Manual Integrations
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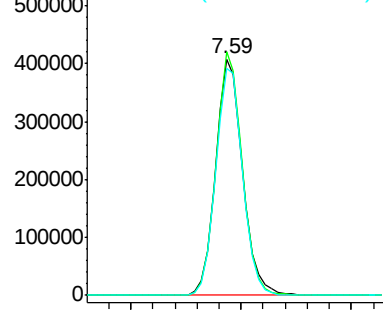
2/7/2018 4:13:37 PM



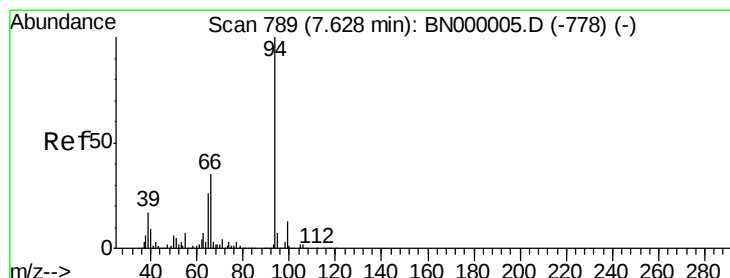
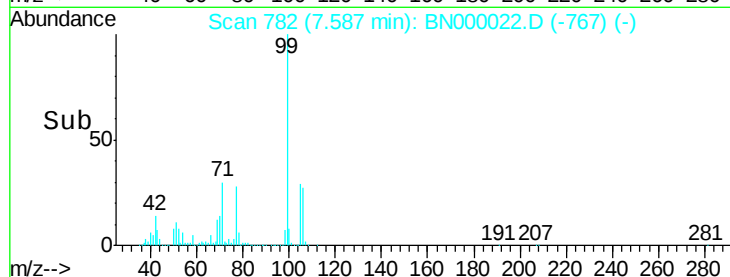
Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->



#10

Phenol

Concen: 38.990 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

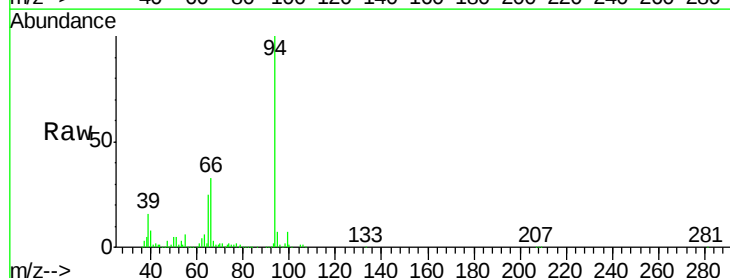
Tgt Ion: 94 Resp: 1485593

Ion Ratio Lower Upper

94 100

65 24.9 11.9 51.9

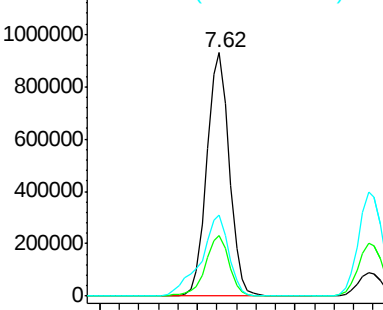
66 33.4 22.2 62.2



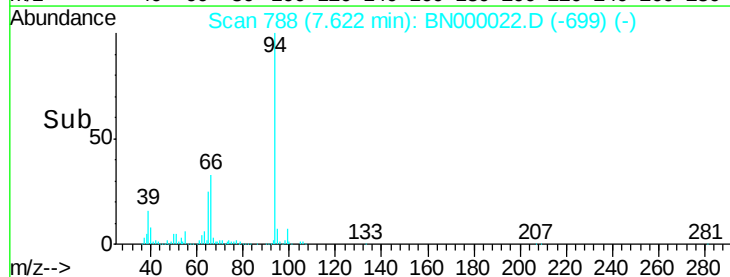
Abundance Ion 94.00 (93.70 to 94.70): BN0

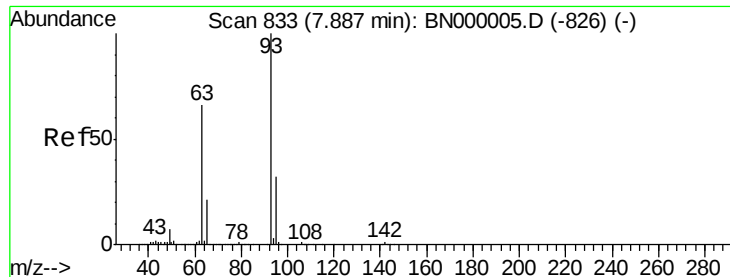
Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



Time-->





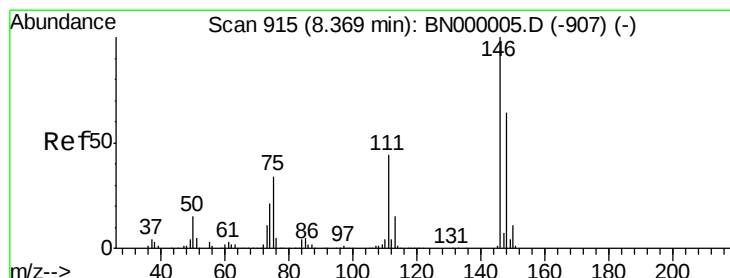
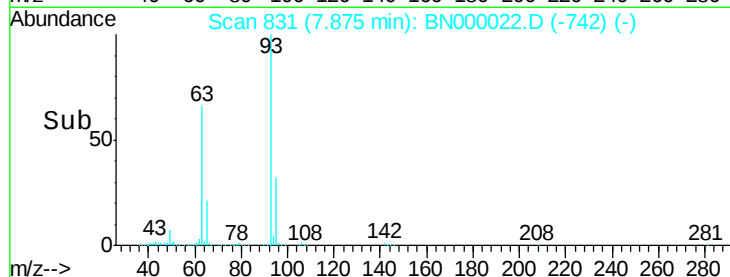
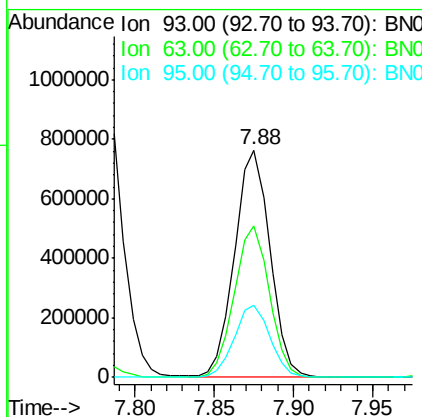
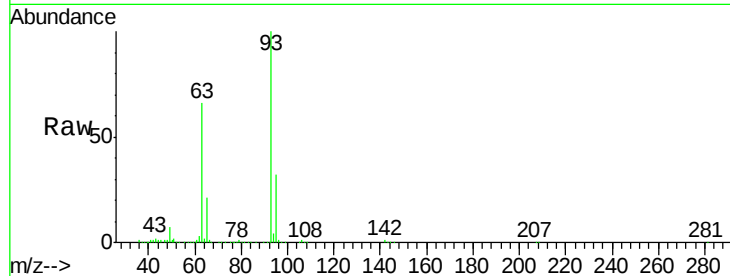
#11
bis(2-Chloroethyl)ether
Concen: 38.928 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 1183288
Ion Ratio Lower Upper
93 100
63 66.4 67.1 107.1#
95 31.8 11.5 51.5

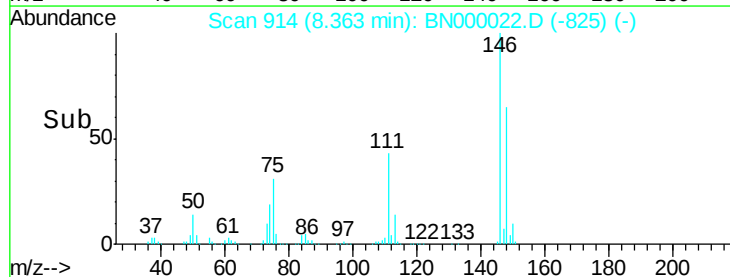
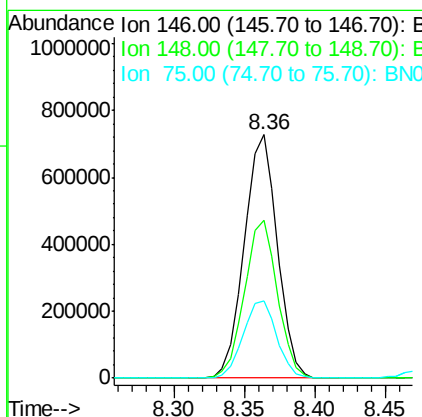
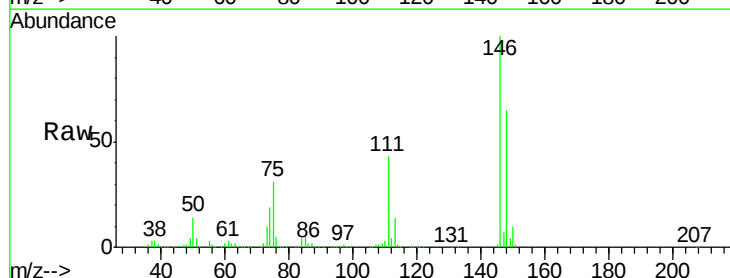
Manual Integrations
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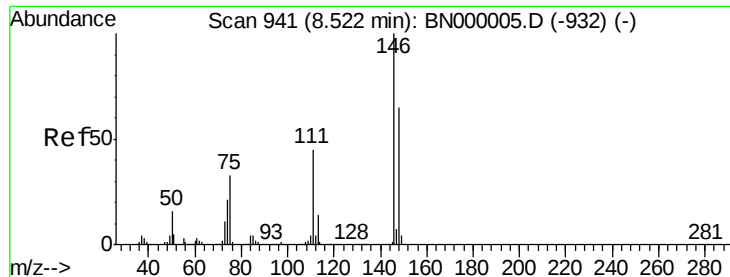
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#12
1,3-Dichlorobenzene
Concen: 39.752 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:146 Resp: 1198095
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 31.5 26.6 39.8





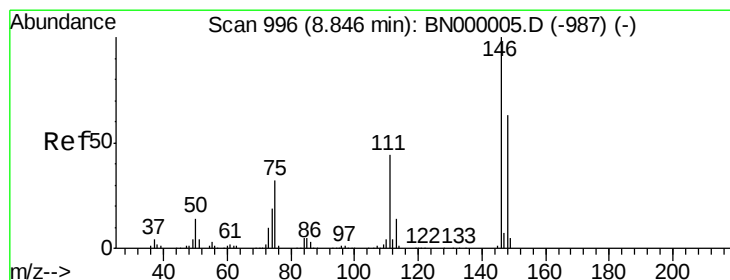
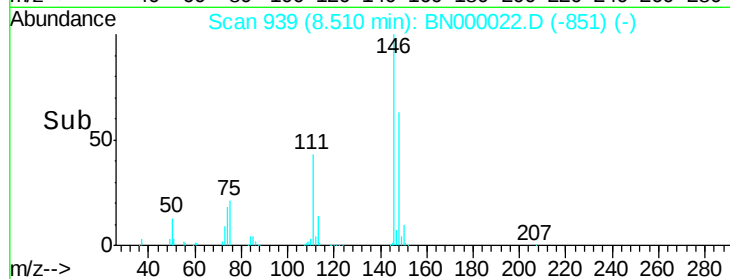
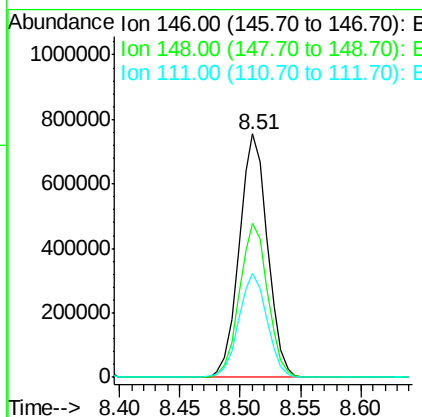
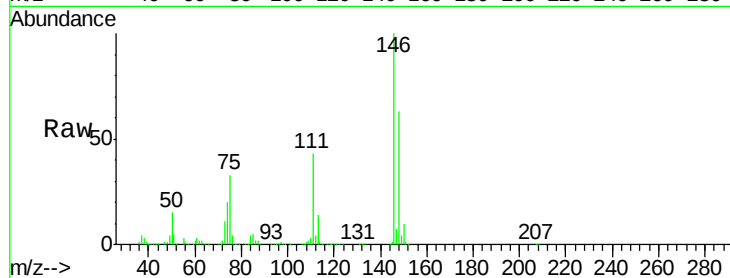
#13
 1,4-Dichlorobenzene
 Concen: 39.716 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.1	53.7	80.5	
111	42.6	35.2	52.8	

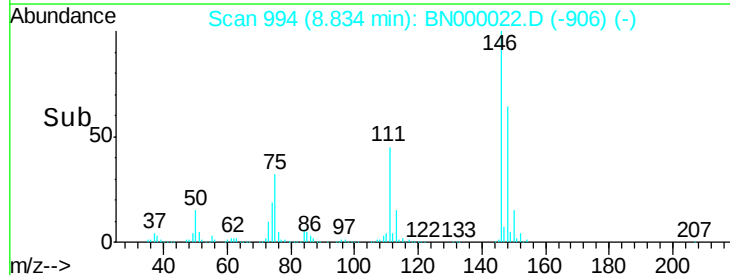
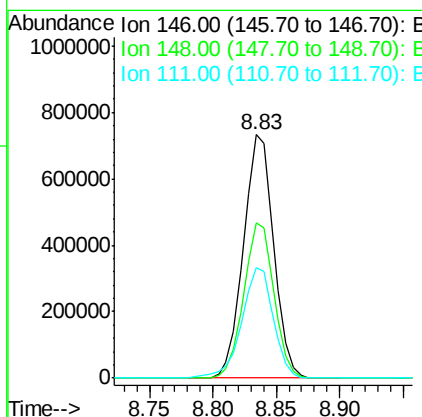
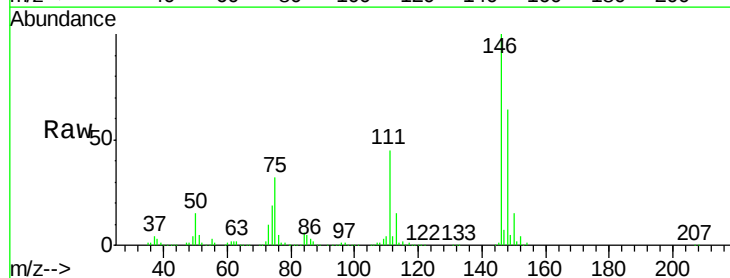
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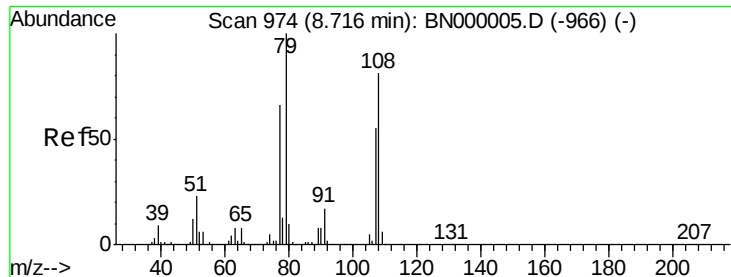
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#14
 1,2-Dichlorobenzene
 Concen: 39.693 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.6	49.3	73.9	
111	45.3	34.3	51.5	





#15

Benzyl Alcohol

Concen: 36.999 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1012811

Ion Ratio Lower Upper

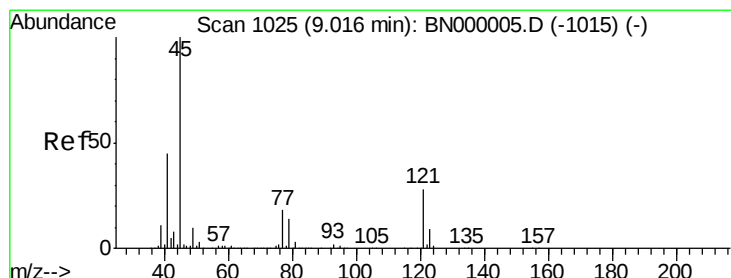
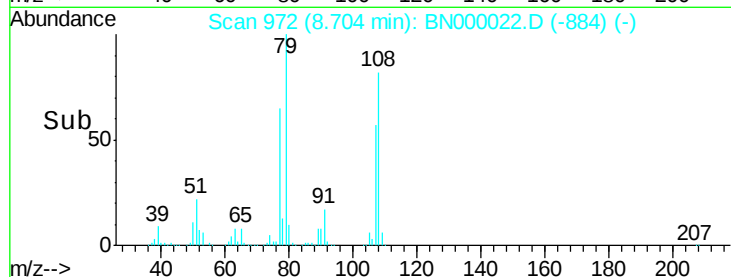
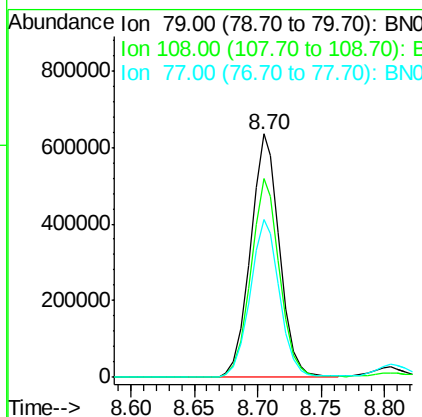
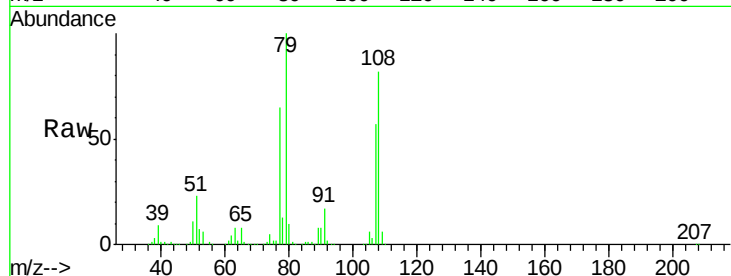
79 100

108 81.7 57.2 85.8

77 65.0 46.1 69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.969 ng

RT: 9.00 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

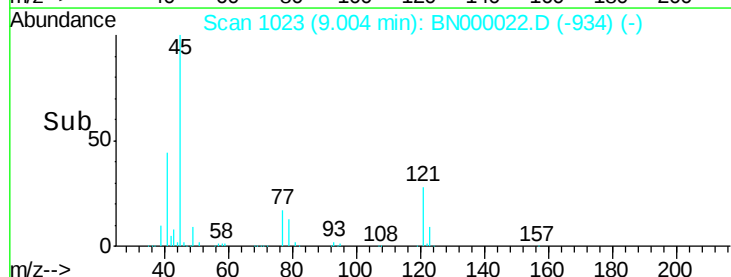
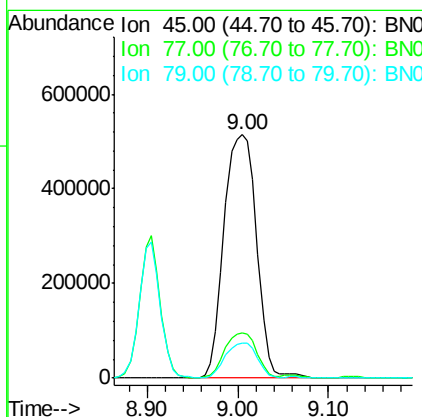
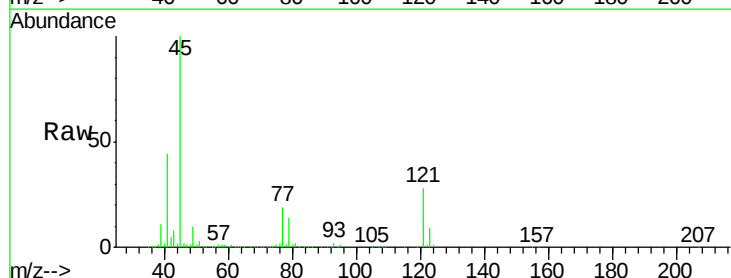
Tgt Ion: 45 Resp: 1281192

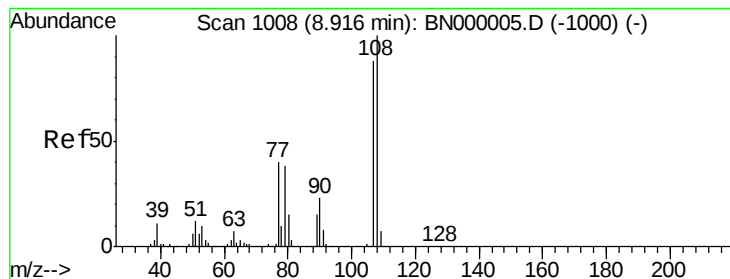
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 14.4 0.0 27.9





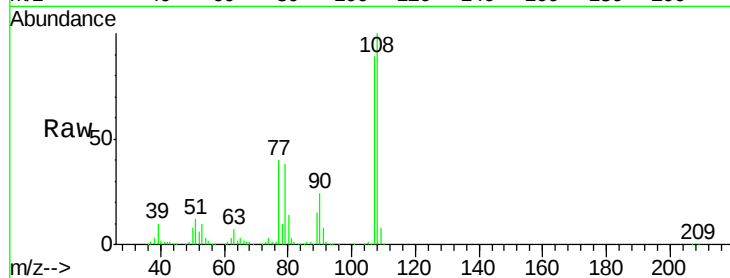
#17
2-Methylphenol
Concen: 39.019 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	83.9	125.9
77	45.0	37.2	55.8
79	42.7	36.2	54.2

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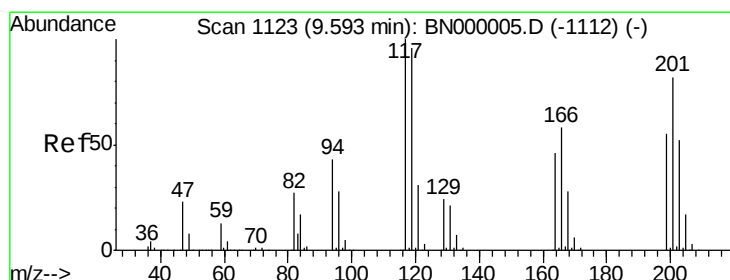
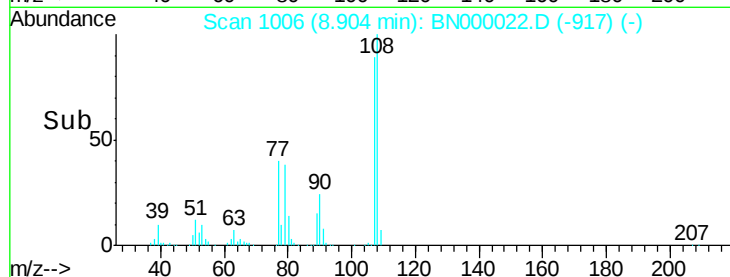
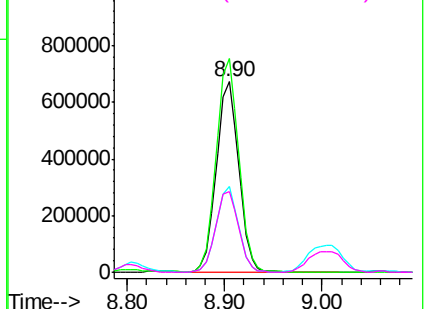
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

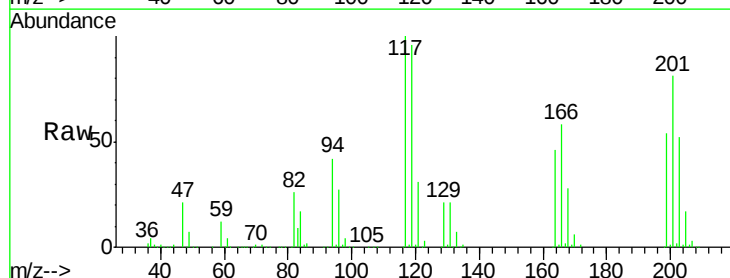
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 40.032 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
201	81.3	95.7	143.5#

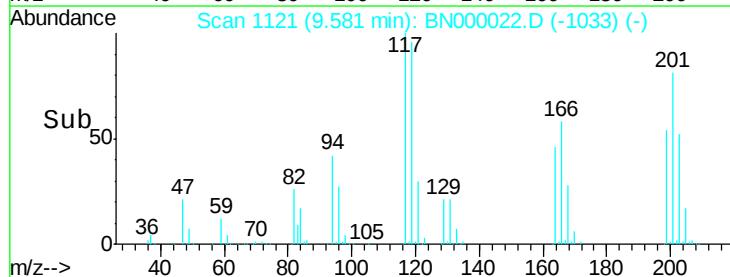
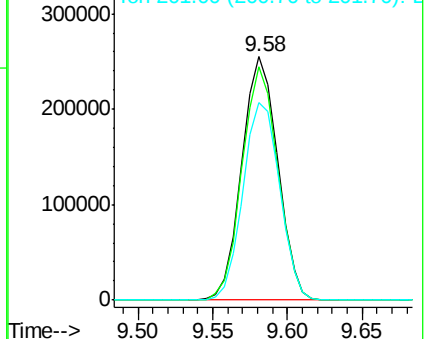


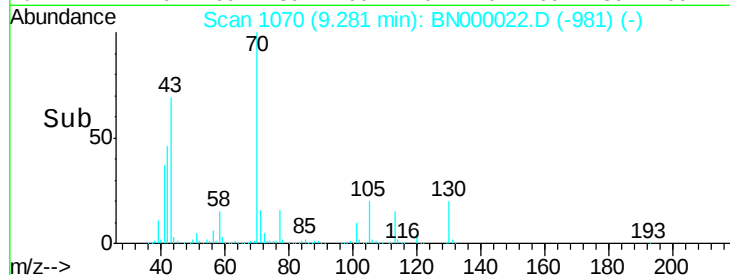
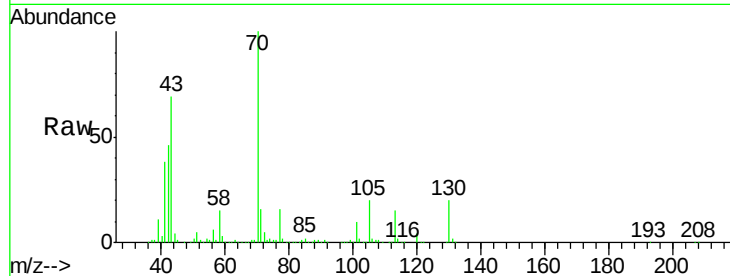
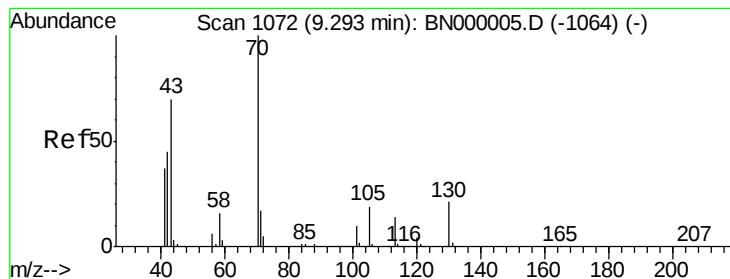
Abundance

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: 37.384 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 939063

Ion Ratio Lower Upper

70 100

42 45.6 49.1 73.7#

101 10.2 8.5 12.7

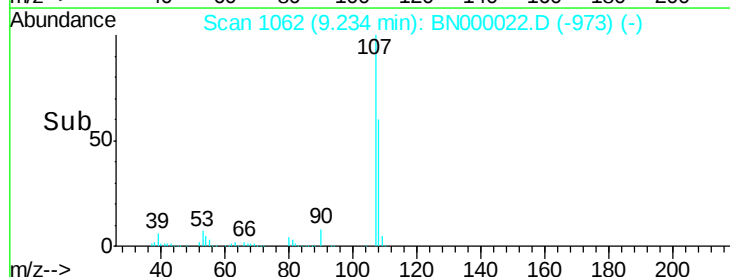
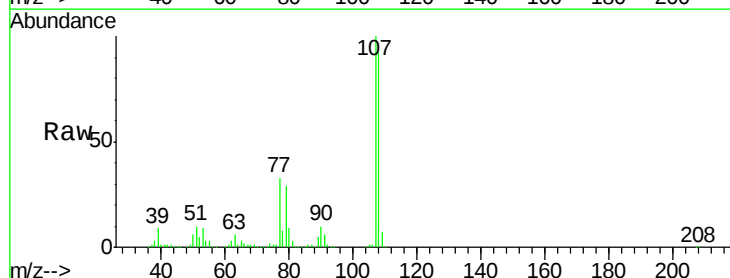
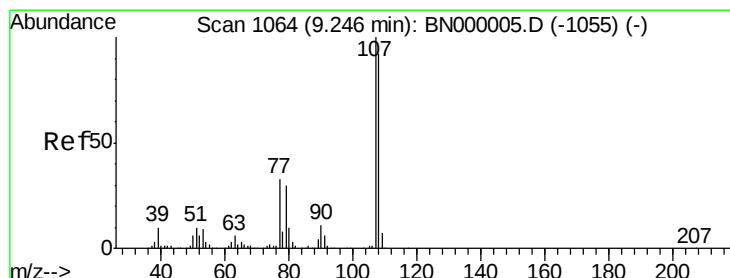
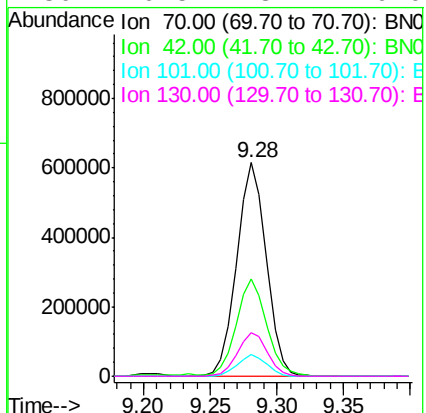
130 20.5 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 38.661 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion: 107 Resp: 1487733

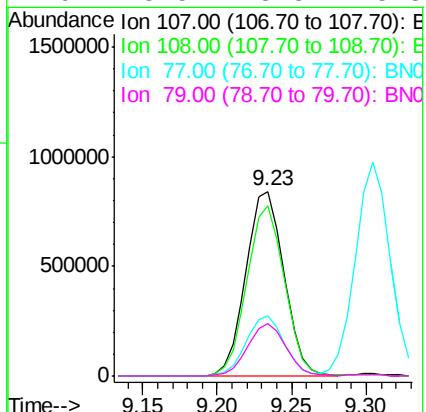
Ion Ratio Lower Upper

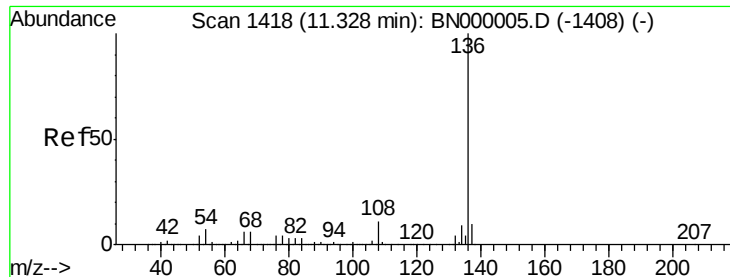
107 100

108 92.2 61.6 101.6

77 32.8 13.9 53.9

79 28.5 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: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1817003

Ion Ratio Lower Upper

136 100

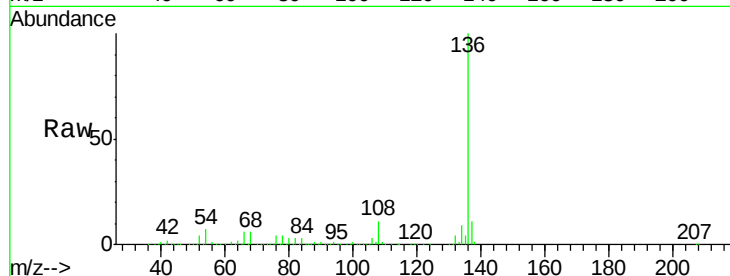
137 11.1 9.2 13.8

54 6.6 10.3 15.5#

68 6.3 4.5 6.7

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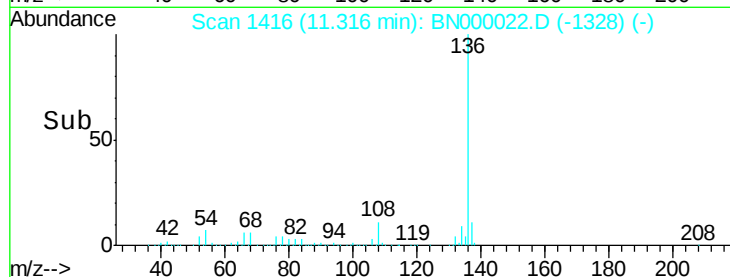


Abundance Ion 136.00 (135.70 to 136.70): E

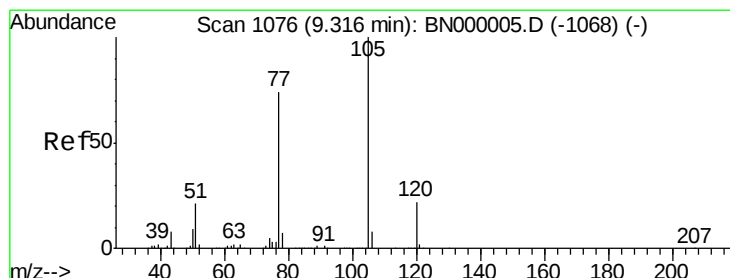
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 11.20 11.30 11.40



#22

Acetophenone

Concen: 39.284 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion:105 Resp: 2108228

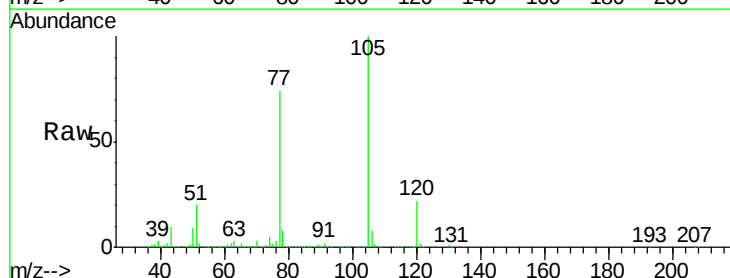
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 20.5 26.1 39.1#

120 22.3 17.4 26.2

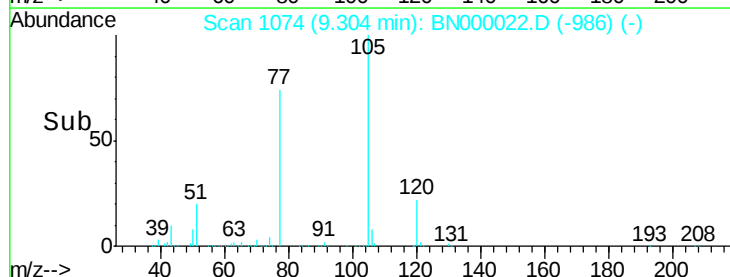


Abundance Ion 105.00 (104.70 to 105.70): E

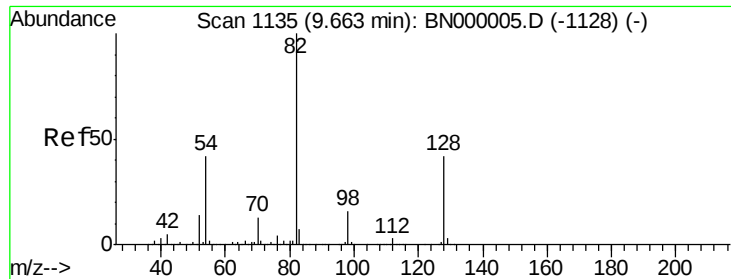
Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



Time--> 9.20 9.30 9.40



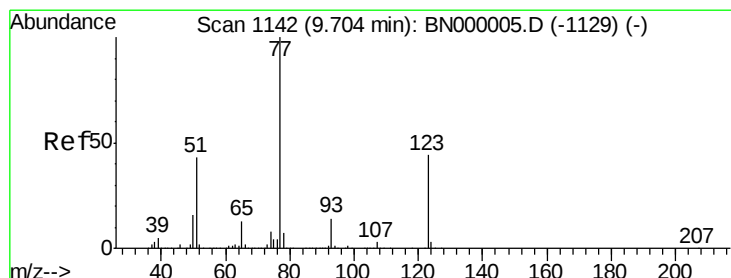
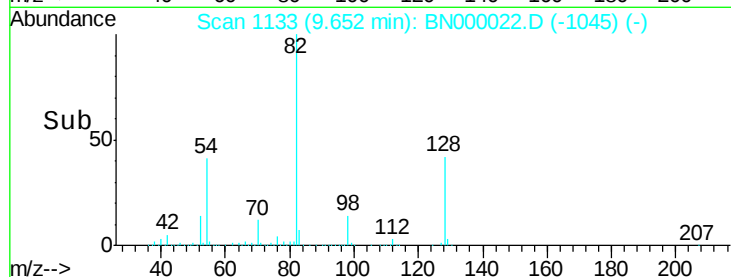
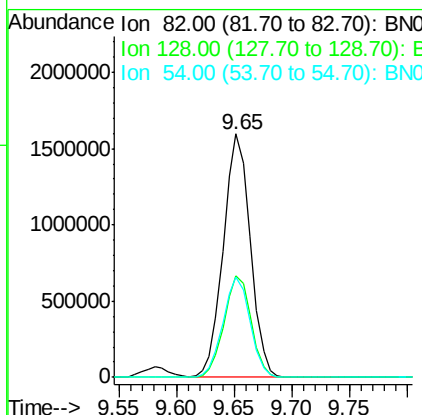
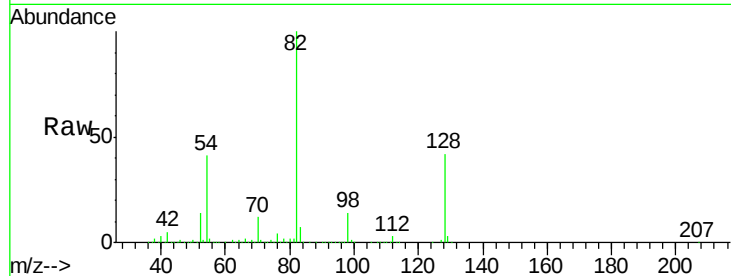
#23
 Nitrobenzene-d5
 Concen: 85.958 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.7	44.5
54	40.9	43.1	64.7#

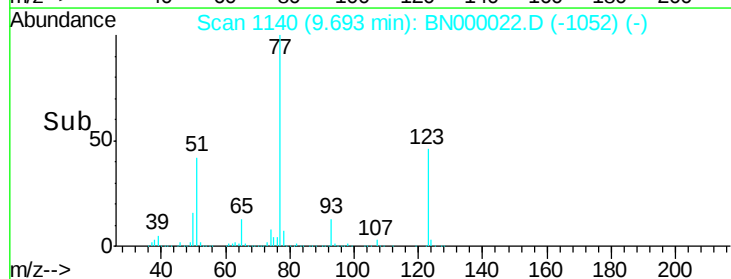
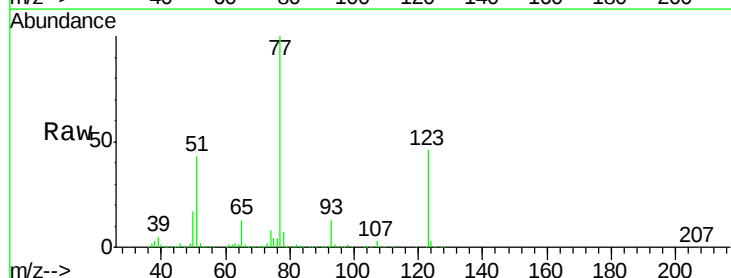
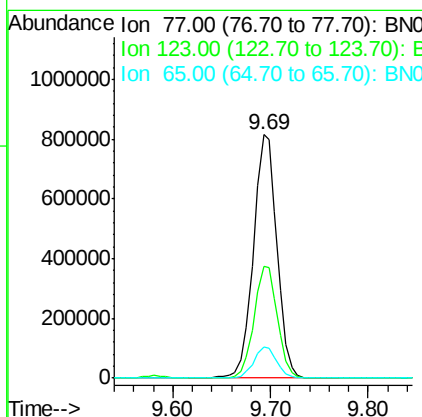
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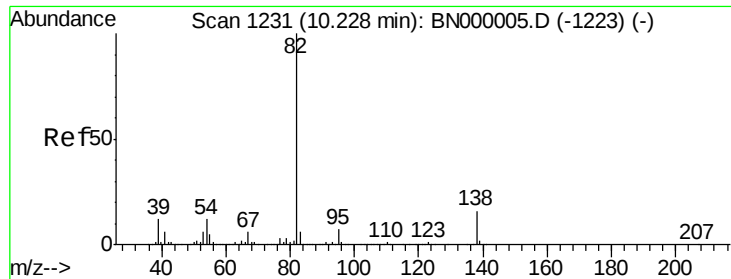
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#24
 Nitrobenzene
 Concen: 42.881 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.0	49.6
65	12.8	13.0	19.6#





#25

Isophorone

Concen: 37.517 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2670330

Ion Ratio Lower Upper

82 100

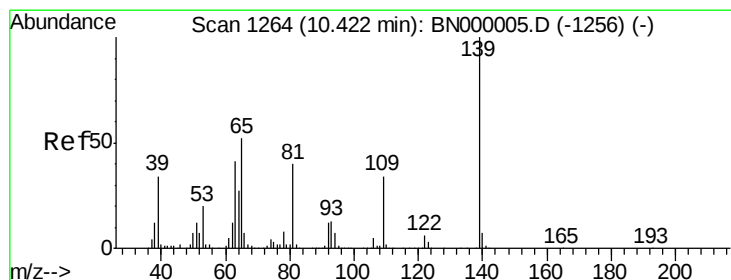
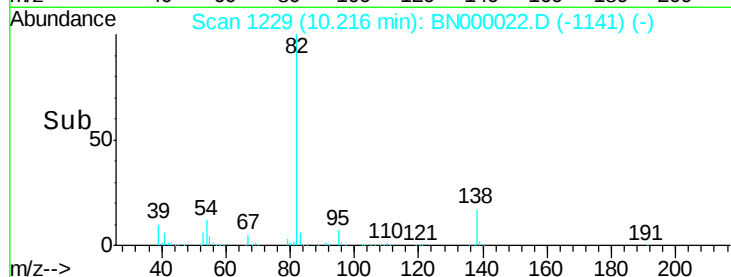
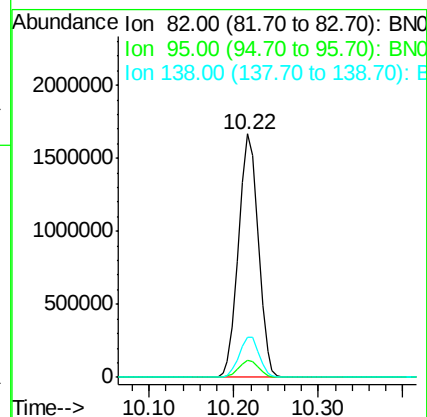
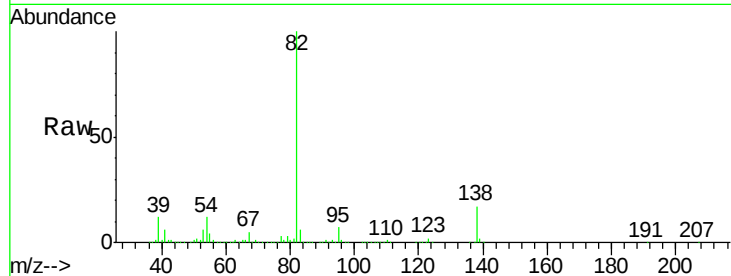
95 6.8 6.2 9.2

138 16.7 12.1 18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.669 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

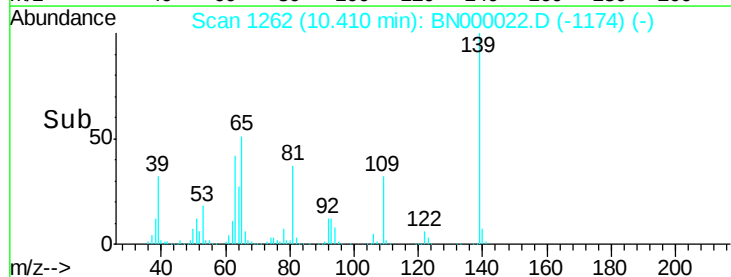
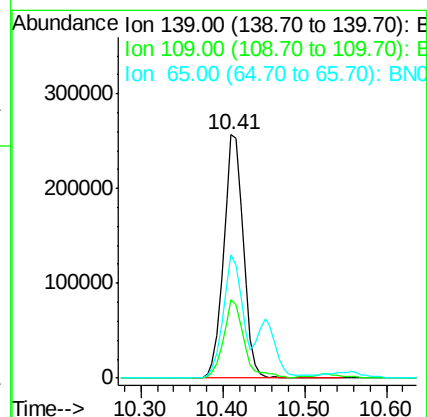
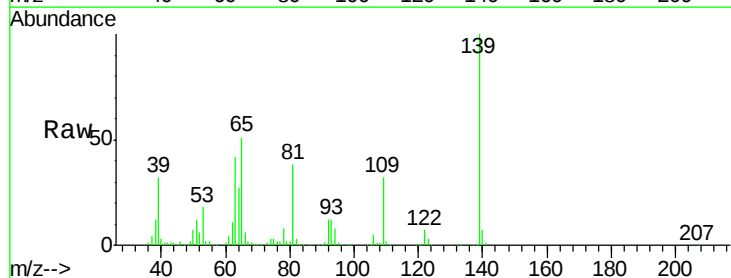
Tgt Ion: 139 Resp: 432147

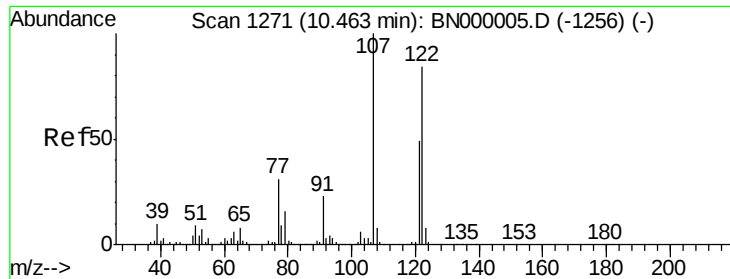
Ion Ratio Lower Upper

139 100

109 32.3 24.2 36.2

65 50.5 47.4 71.0





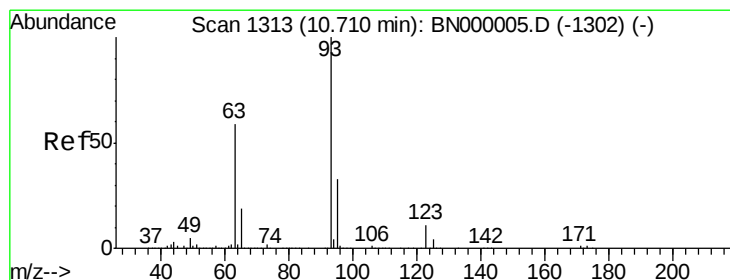
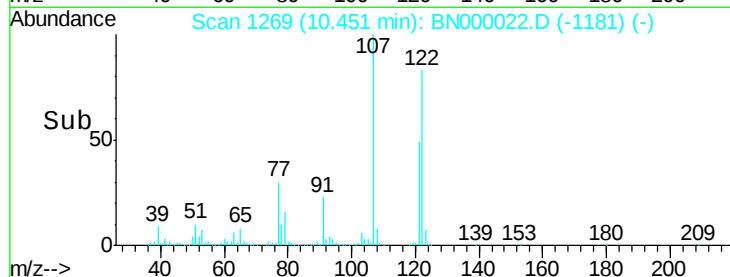
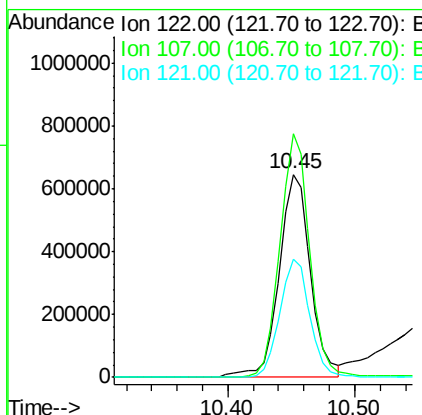
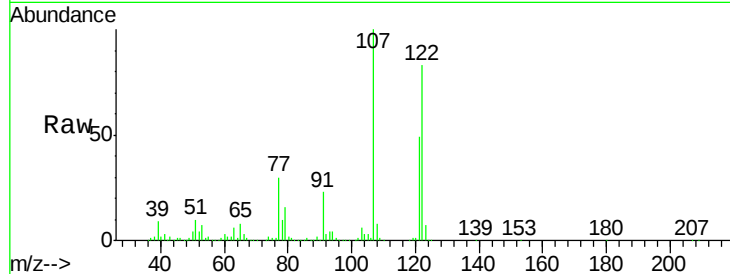
#27
2,4-Dimethylphenol
Concen: 38.019 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampled :
SSTDCCC040

Tot Ion:122 Resp: 1109555
Ion Ratio Lower Upper
122 100
107 120.0 100.2 150.2
121 58.5 44.4 66.6

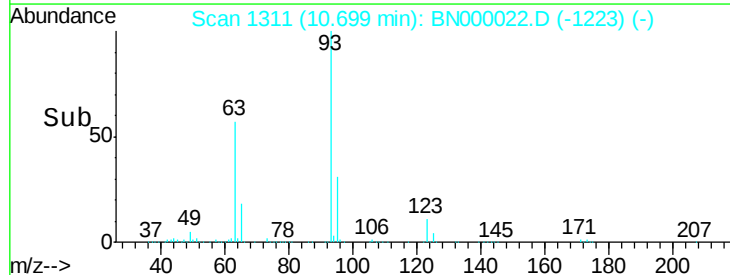
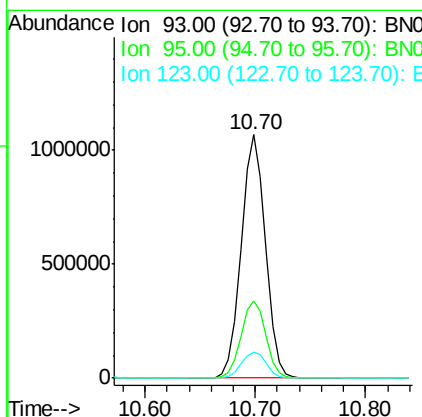
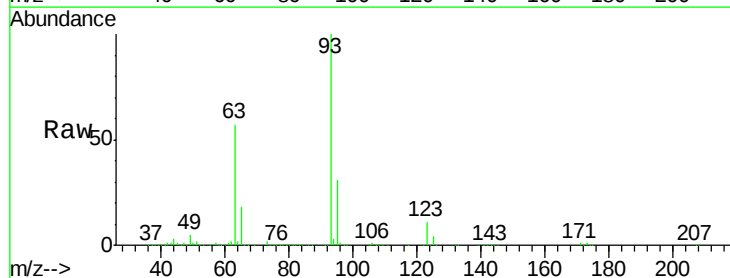
Manual Integrations
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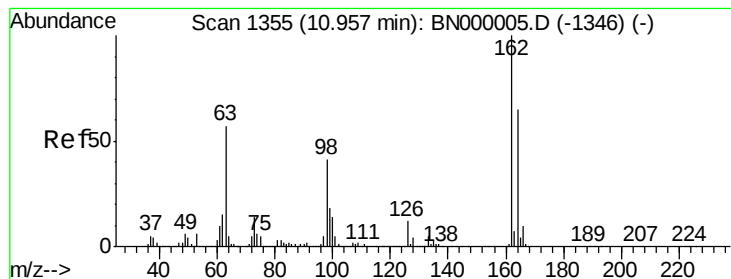
Sohil
2/7/2018 4:13:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.987 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion: 93 Resp: 1641655
Ion Ratio Lower Upper
93 100
95 31.5 24.3 36.5
123 10.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.807 ng

RT: 10.95 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1021855

Ion Ratio Lower Upper

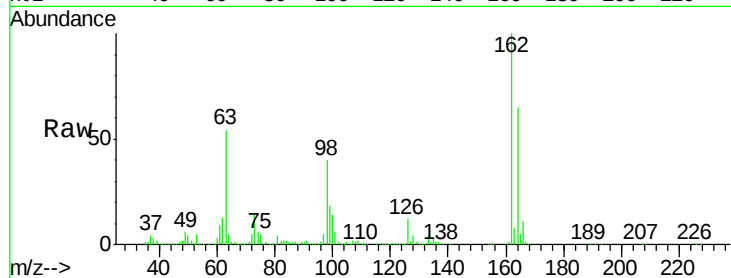
162 100

164 64.6 48.0 88.0

98 40.5 21.1 61.1

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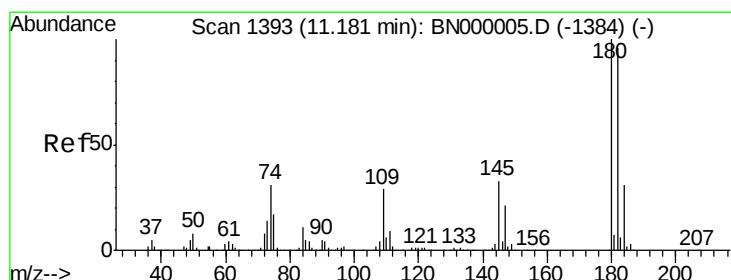
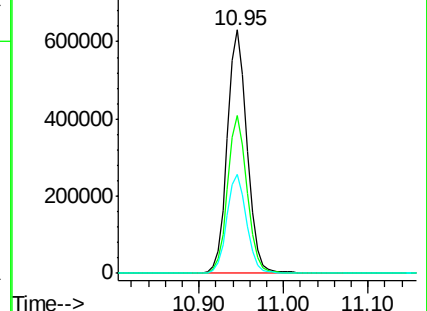
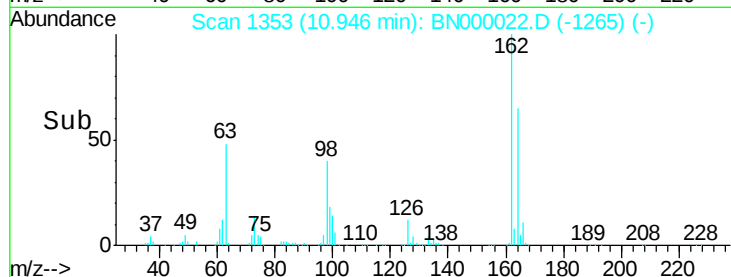
Sohil
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 40.010 ng

RT: 11.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

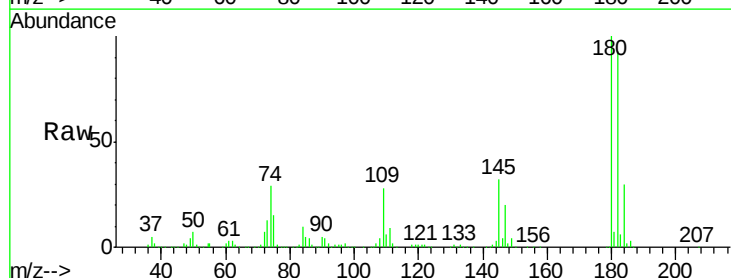
Tgt Ion:180 Resp: 1173215

Ion Ratio Lower Upper

180 100

182 93.4 77.5 116.3

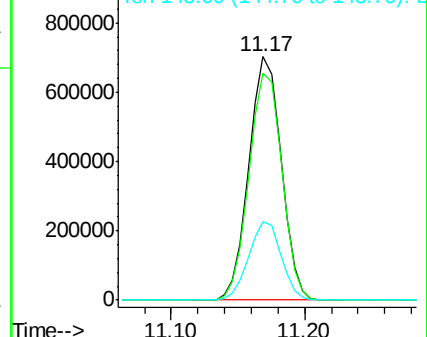
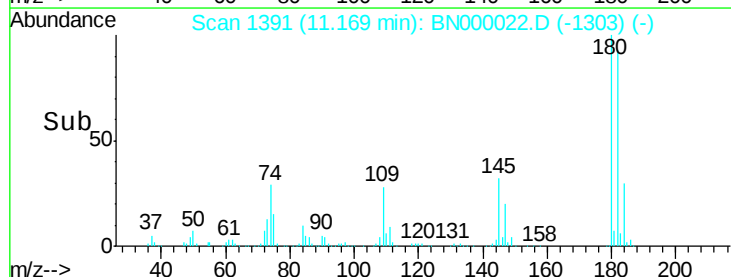
145 32.4 23.4 35.2

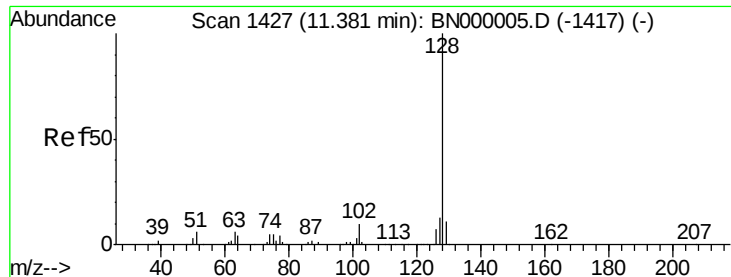


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.703 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 4045960

Ion Ratio Lower Upper

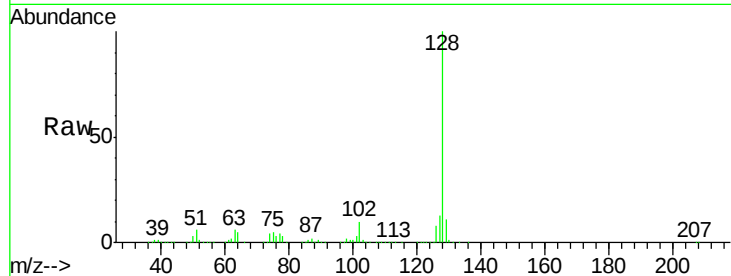
128 100

129 10.8 8.6 12.8

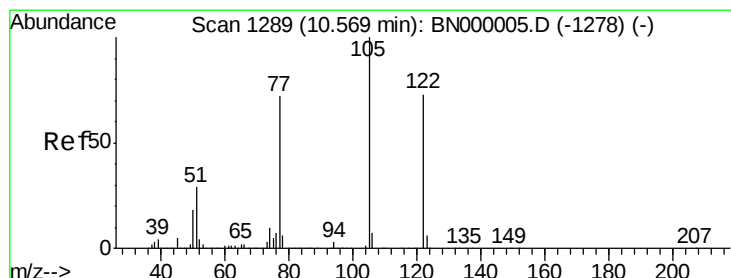
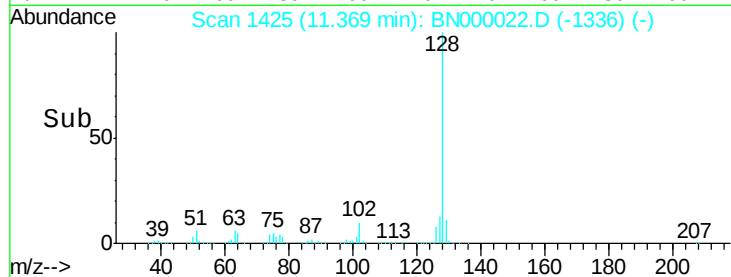
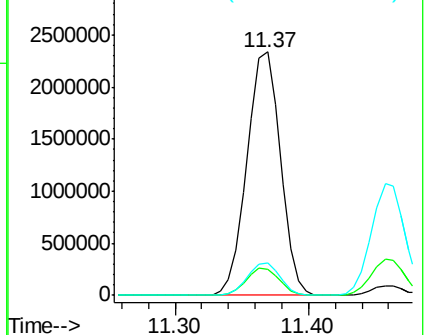
127 13.1 11.6 17.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.967 ng m

RT: 10.56 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

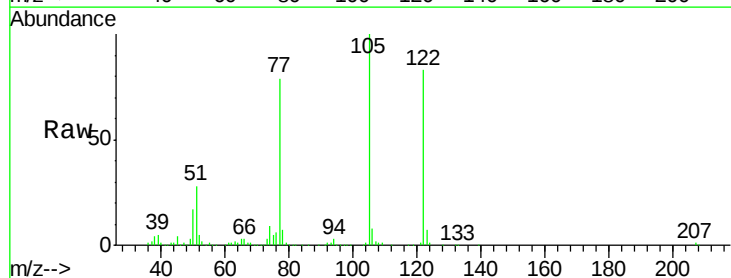
Tgt Ion:122 Resp: 605540

Ion Ratio Lower Upper

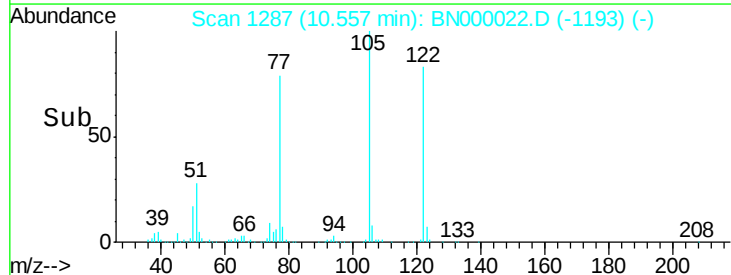
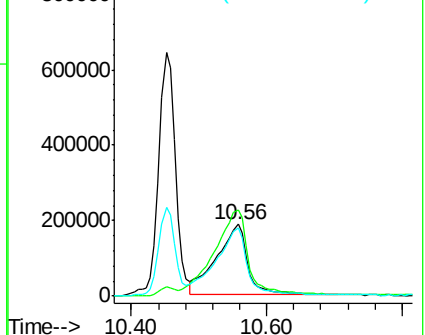
122 100

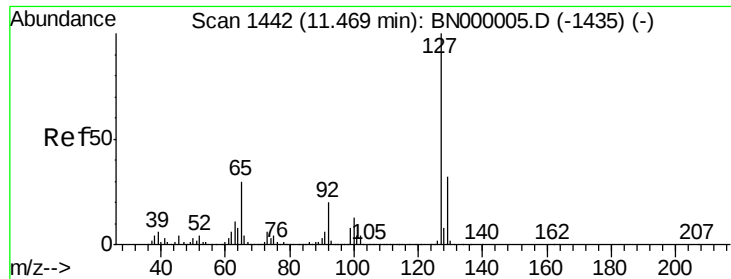
105 120.7 123.5 163.5#

77 94.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC





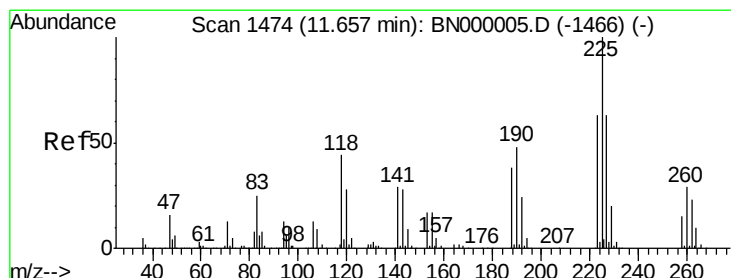
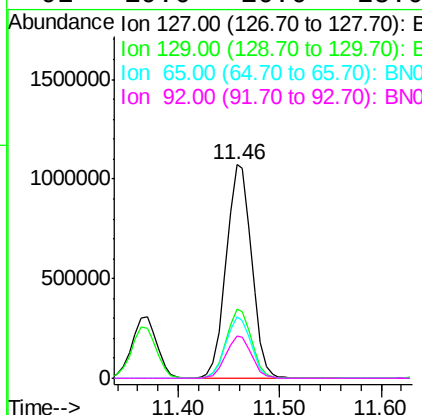
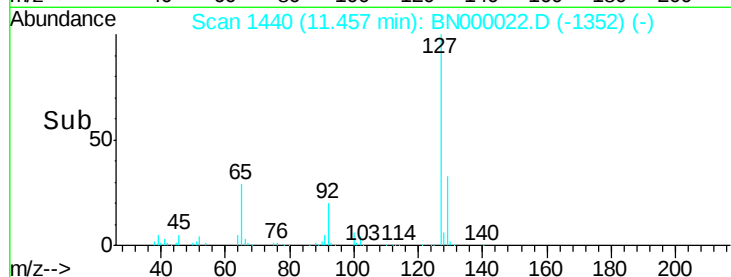
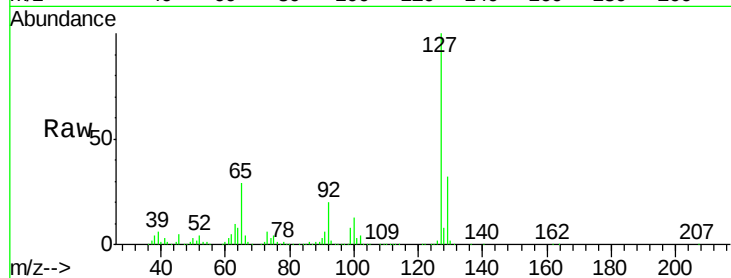
#33
4-Chloroaniline
Concen: 39.335 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.5	24.0	36.0	
65	28.8	27.0	40.4	
92	19.6	16.6	25.0	

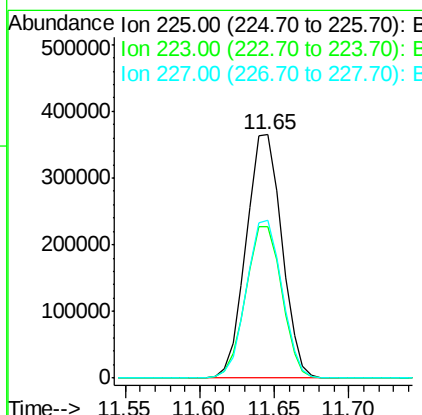
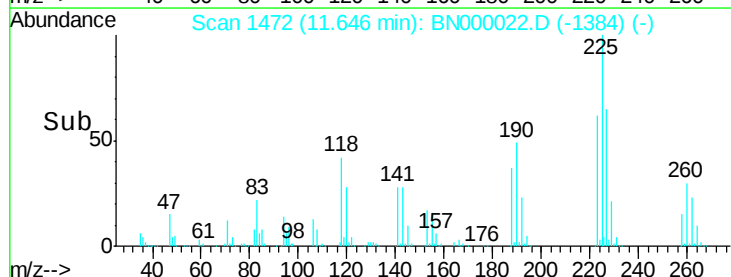
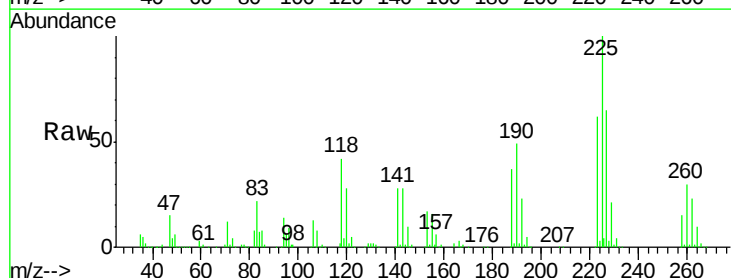
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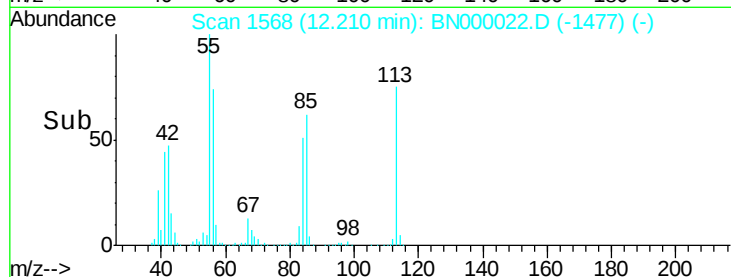
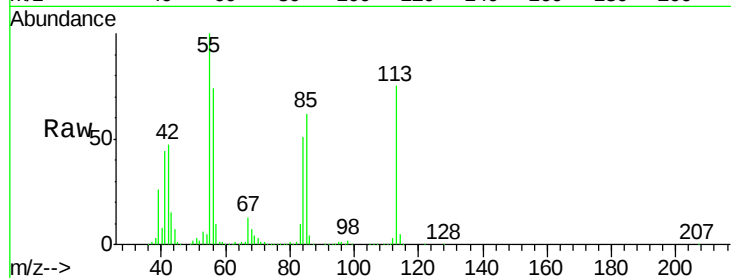
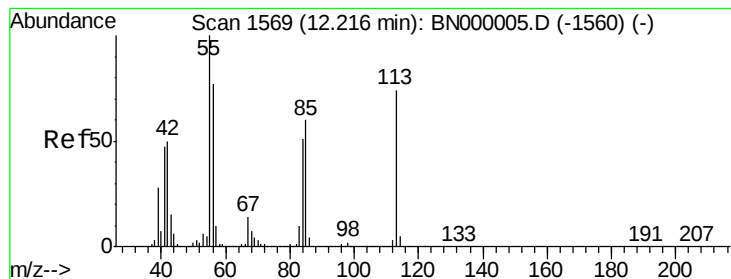
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#34
Hexachlorobutadiene
Concen: 40.412 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.3	49.7	74.5	
227	64.6	48.1	72.1	





#35

Caprolactam

Concen: 38.450 ng

RT: 12.21 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 427973

Ion Ratio Lower Upper

113 100

55 132.5 120.0 160.0

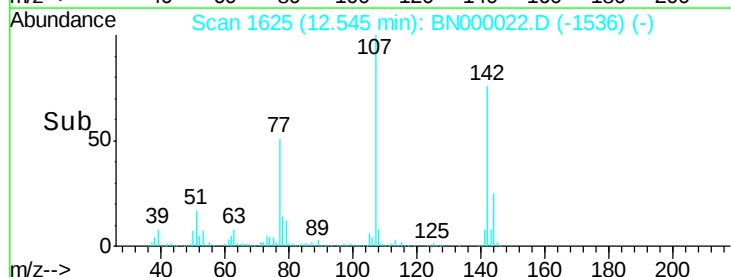
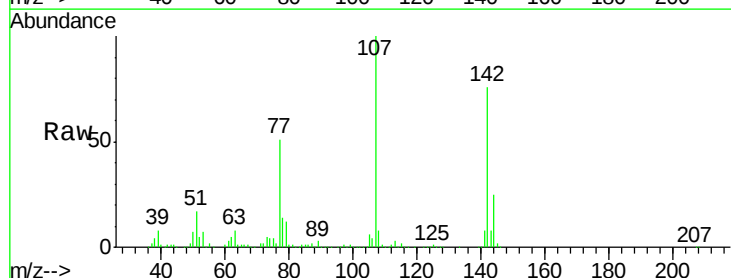
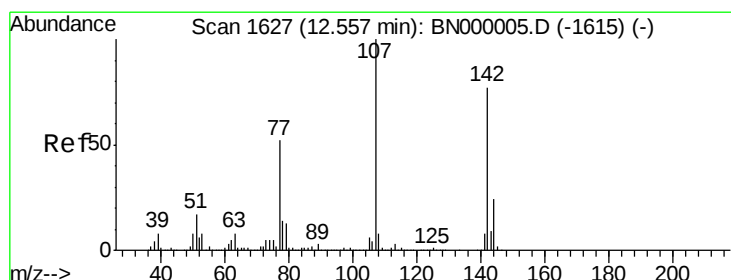
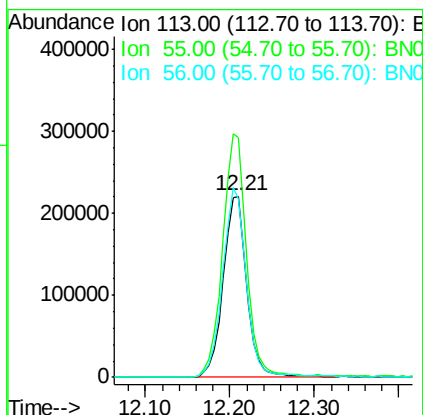
56 98.3 90.0 130.0

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#36

4-Chloro-3-methylphenol

Concen: 38.830 ng

RT: 12.55 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

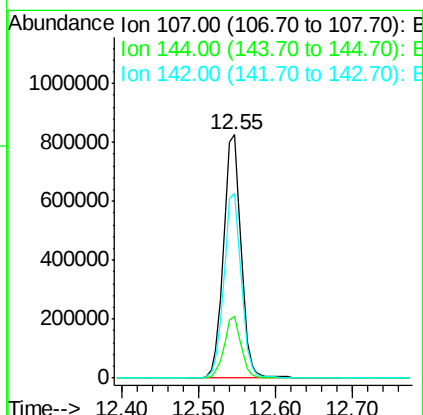
Tgt Ion:107 Resp: 1322110

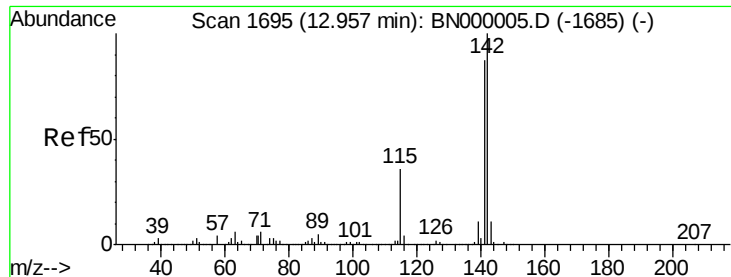
Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

142 76.1 59.0 88.4





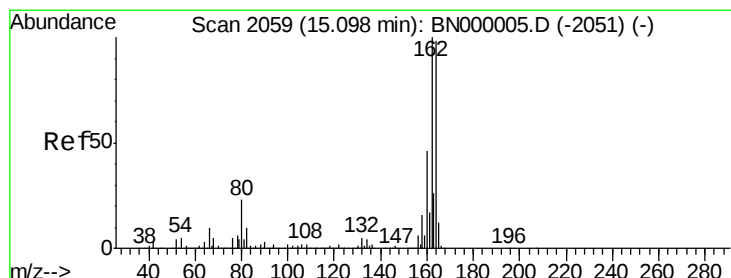
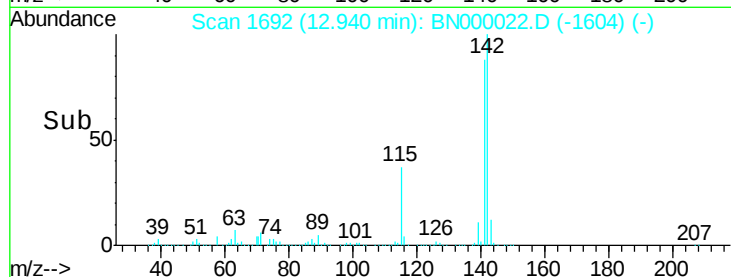
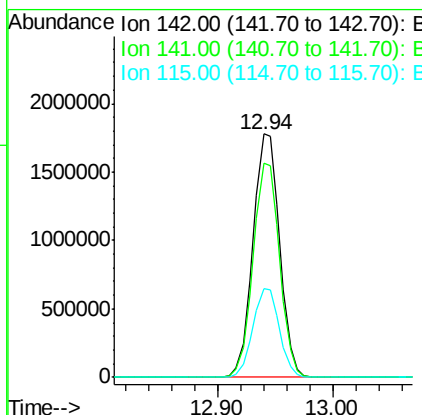
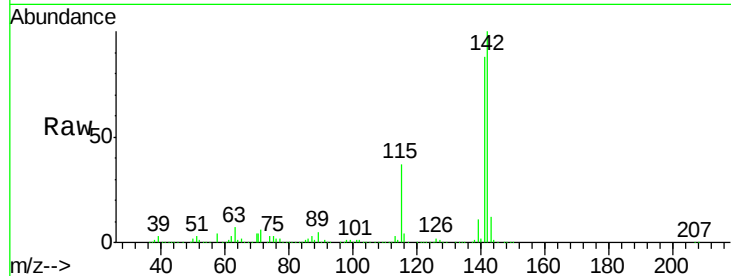
#37
2-Methylnaphthalene
Concen: 39.721 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.1	100.7
115	36.6	30.7	46.1

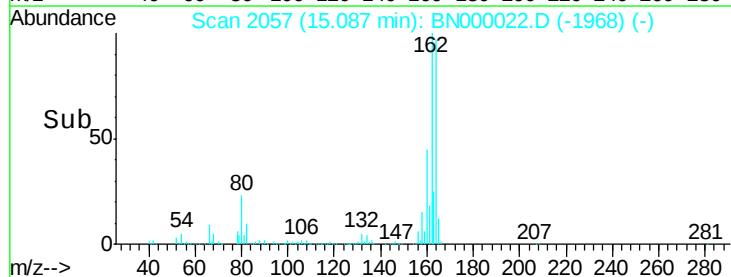
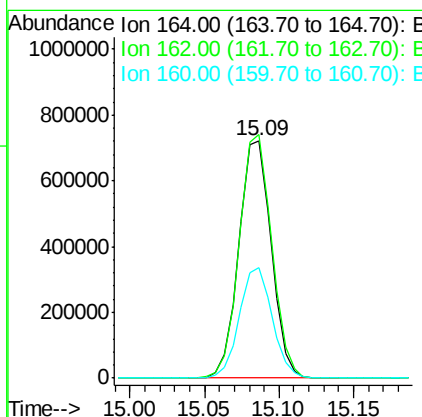
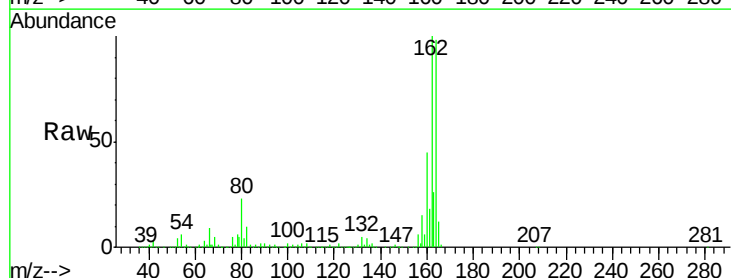
Manual Integrations
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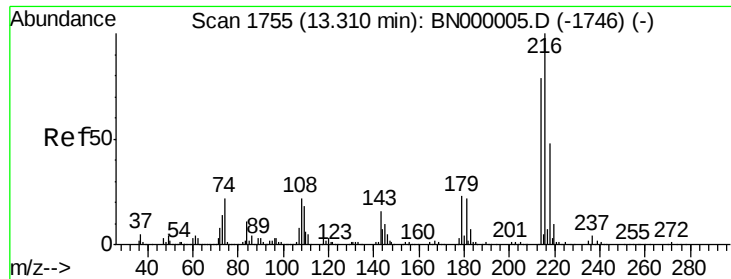
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	46.6	35.4	53.0





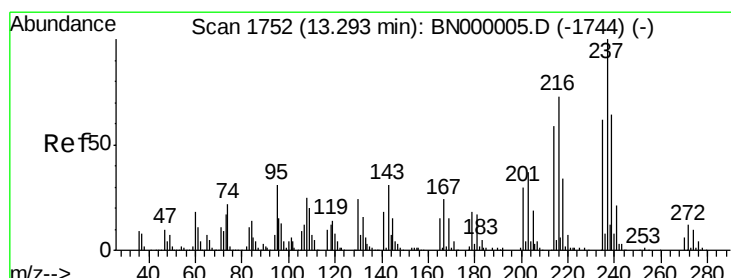
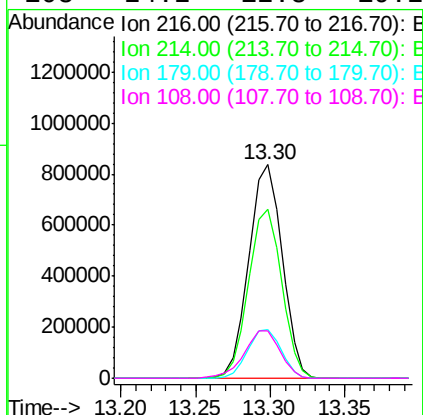
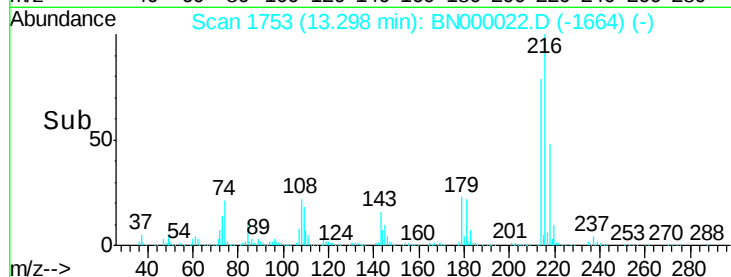
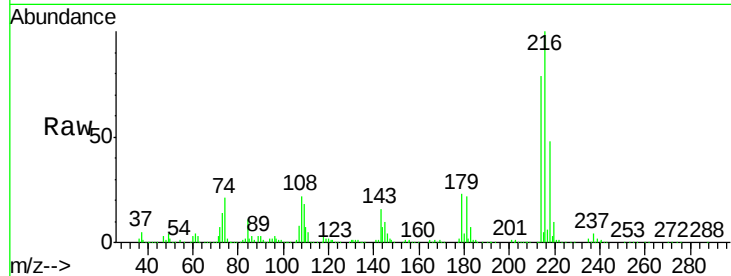
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.951 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	23.0	17.0	25.6
108	24.2	12.8	19.2

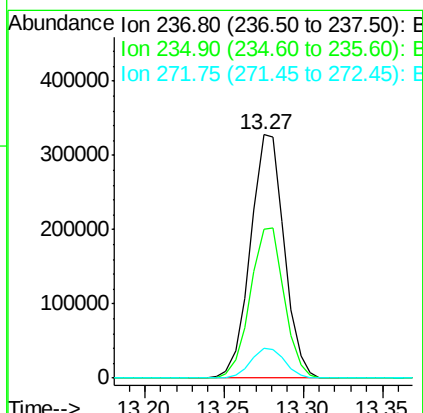
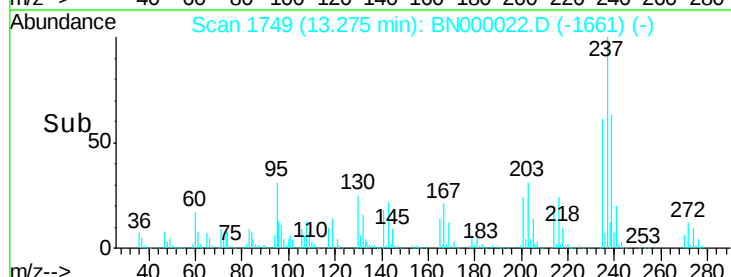
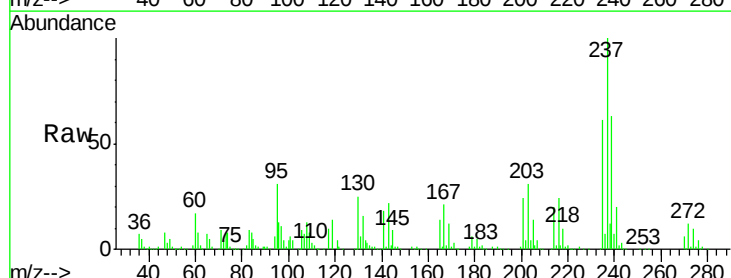
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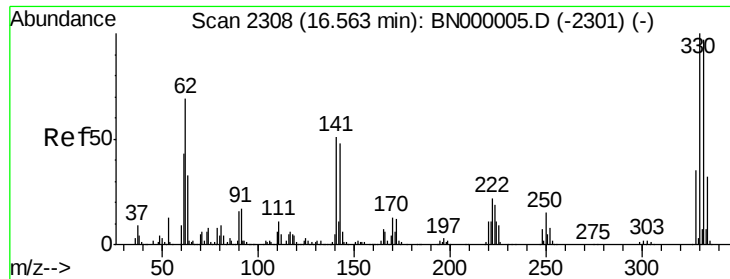
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#40
 Hexachlorocyclopentadiene
 Concen: 46.097 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.2	50.4	90.4
272	12.2	0.0	31.8





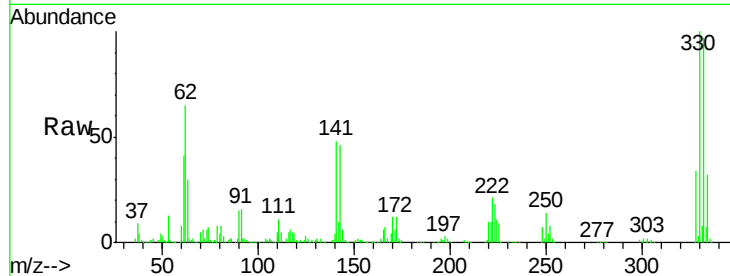
#41
 2,4,6-Tribromophenol
 Concen: 81.763 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	49.4	25.2	37.8

Manual Integrations
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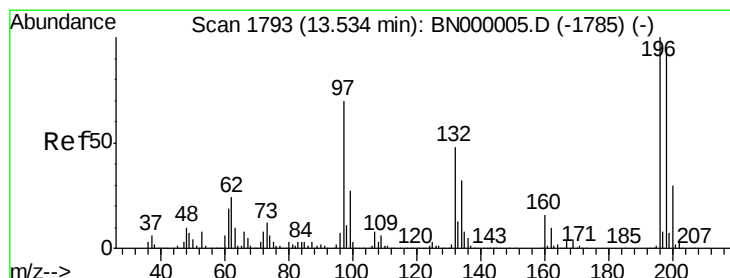
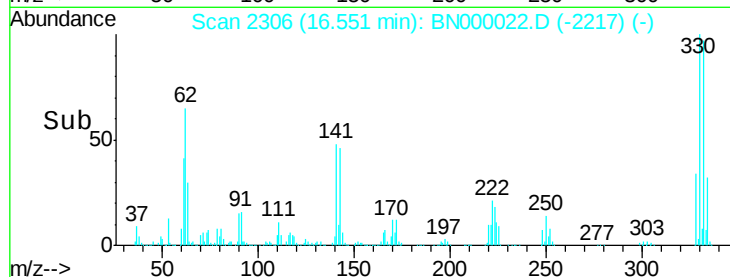
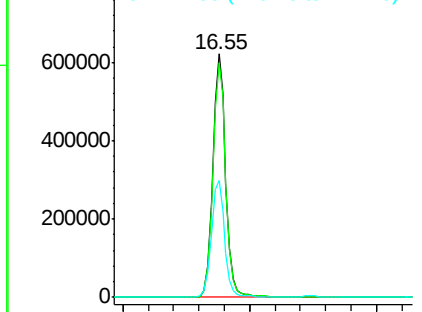


Abundance

Ion 329.80 (329.50 to 330.50): E

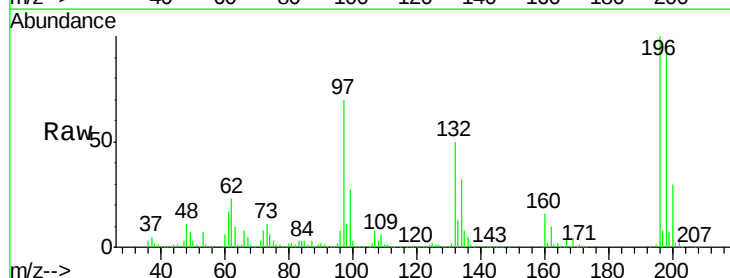
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.235 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
200	29.8	24.6	36.8

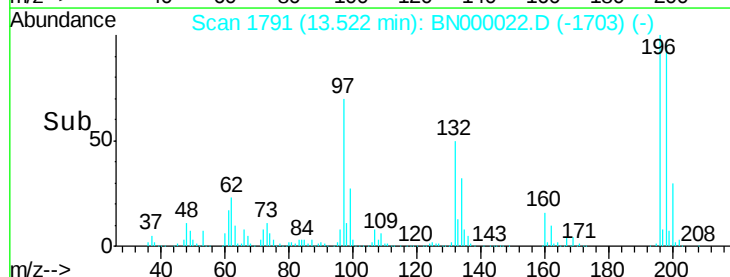
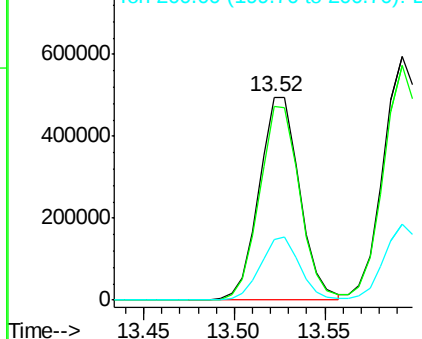


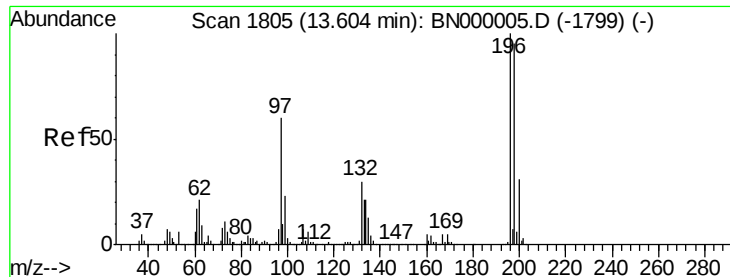
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





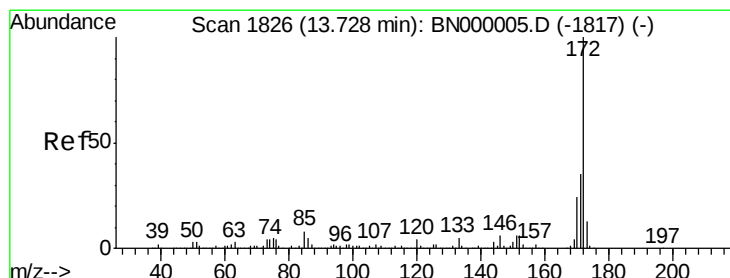
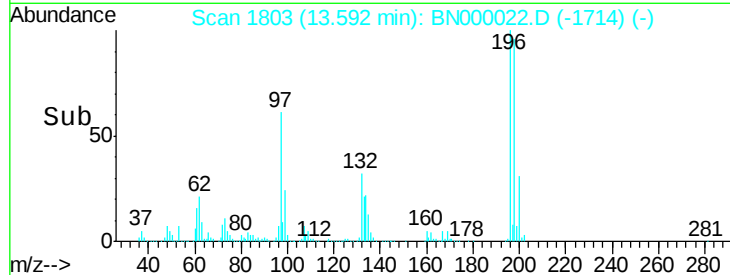
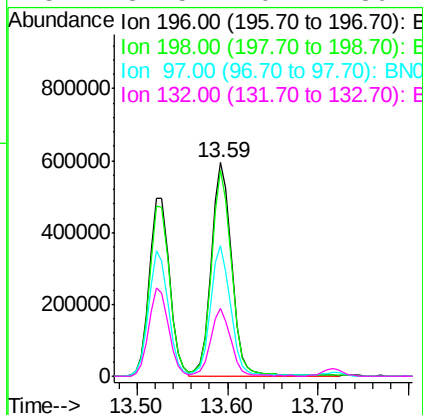
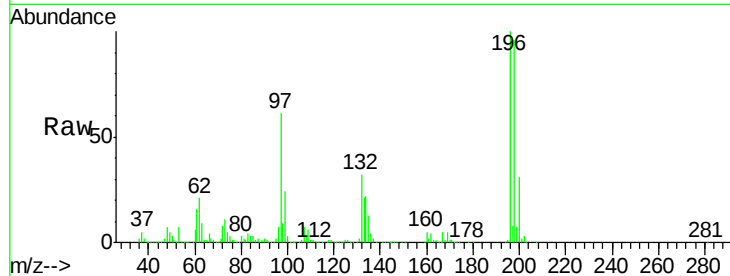
#43
 2,4,5-Trichlorophenol
 Concen: 42.137 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	61.2	38.7	58.1#
132	31.5	20.2	30.2#

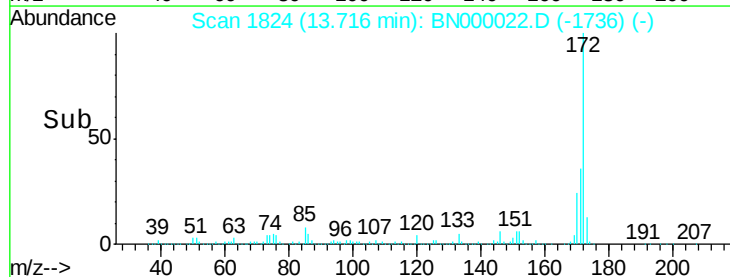
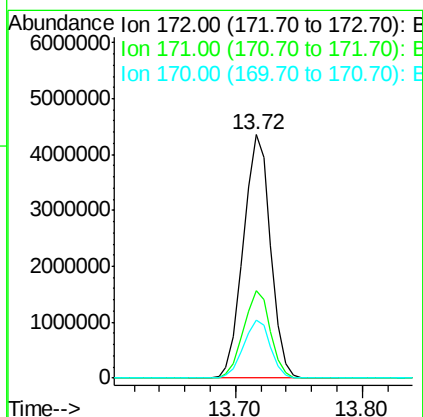
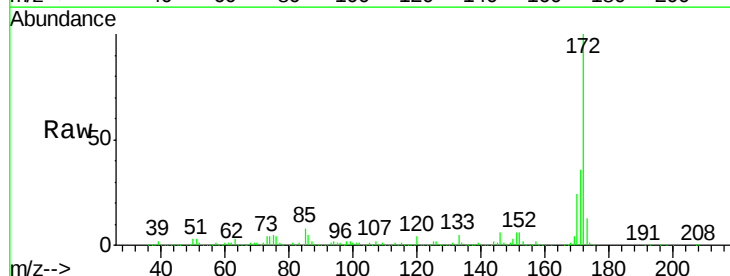
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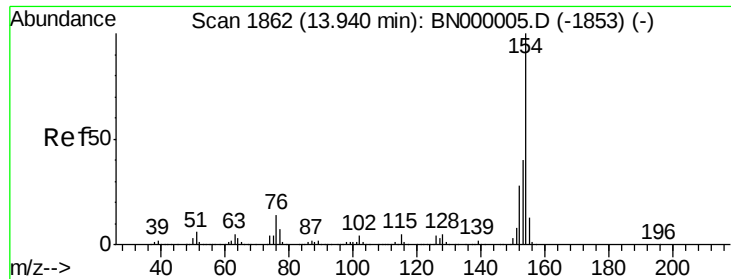
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 79.897 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.0	19.5	29.3





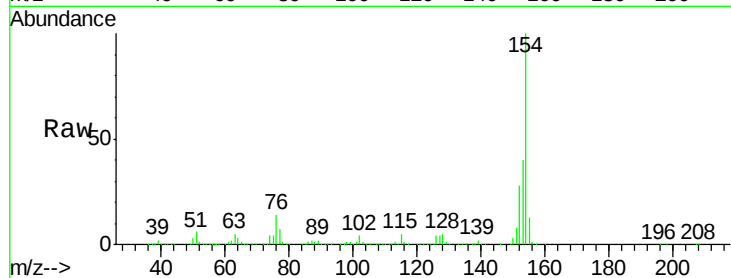
#45
1,1'-Biphenyl
Concen: 40.034 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

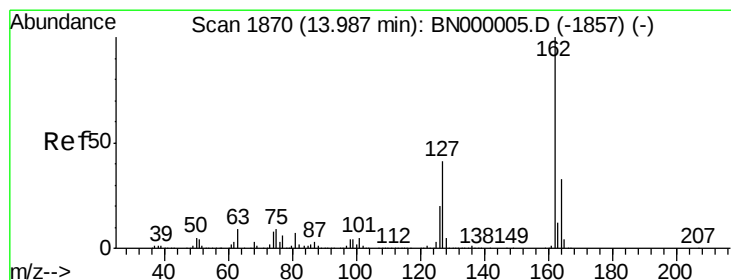
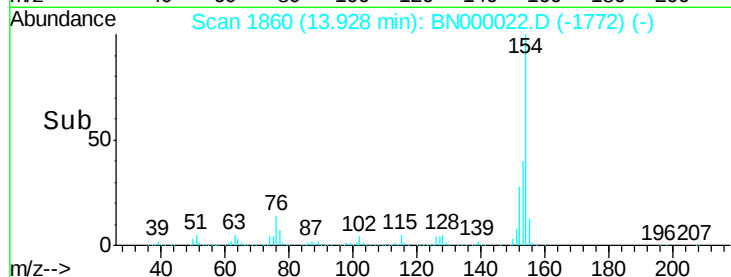
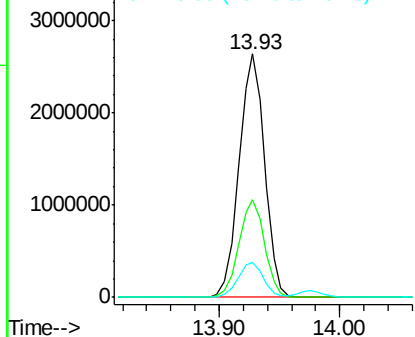
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	14.4	0.0	31.9

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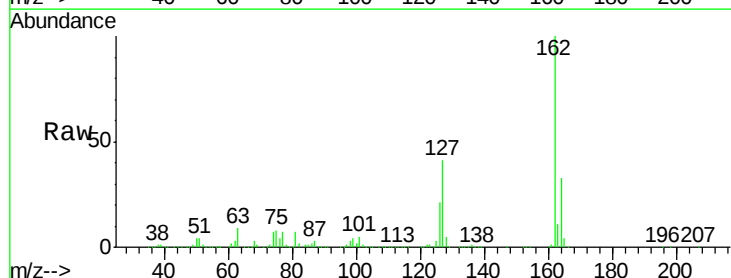


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC

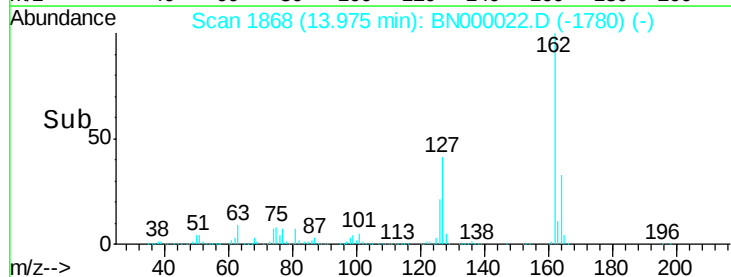
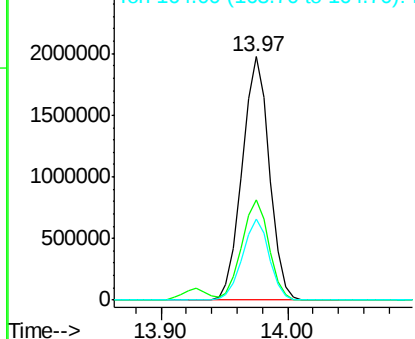


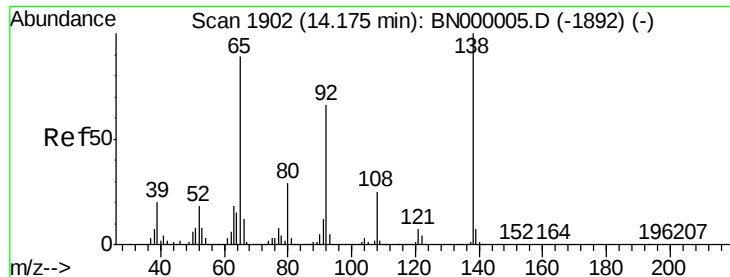
#46
2-Chloronaphthalene
Concen: 40.295 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.7	46.1
164	33.3	26.0	39.0



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





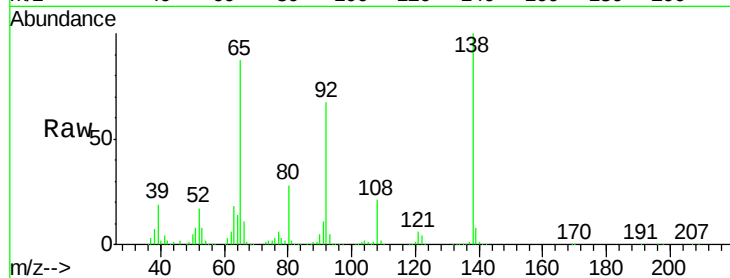
#47
2-Nitroaniline
Concen: 41.261 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

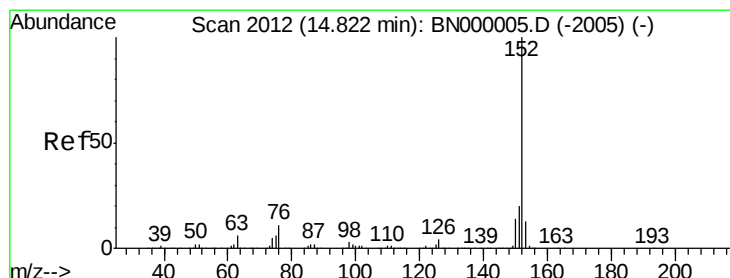
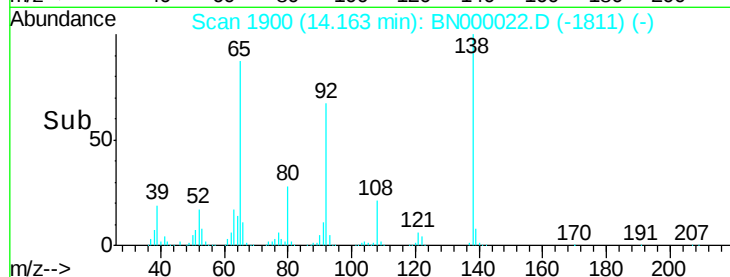
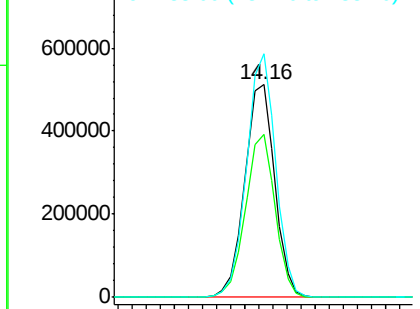
Tot Ion	Ratio	Lower	Upper
65	100		
92	76.6	54.6	82.0
138	114.5	72.9	109.3

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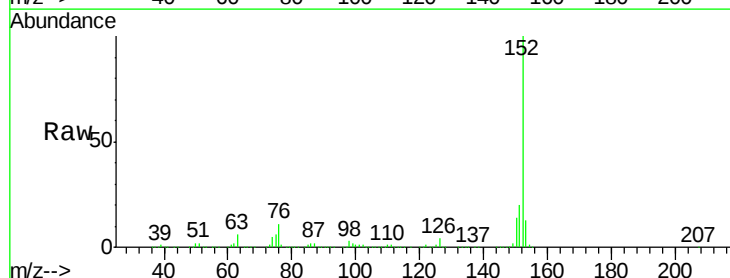


Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E

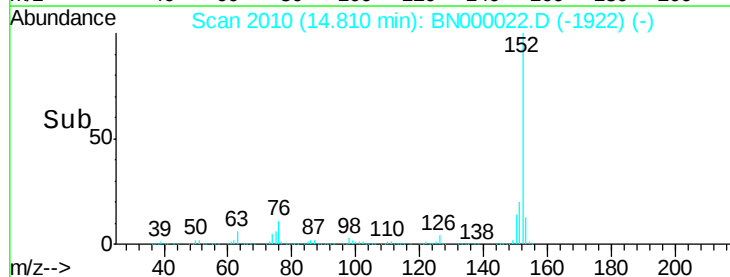
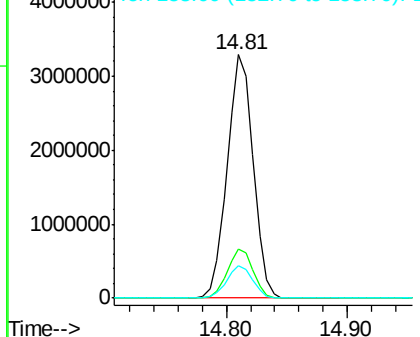


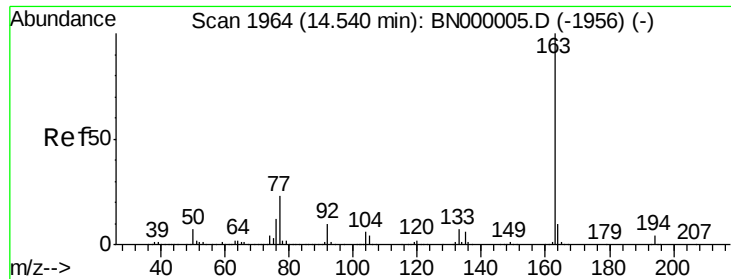
#48
Acenaphthylene
Concen: 40.198 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.3	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





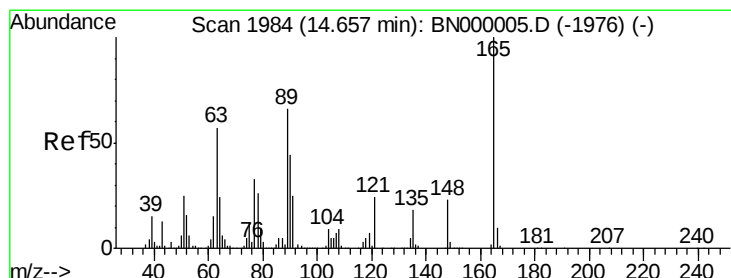
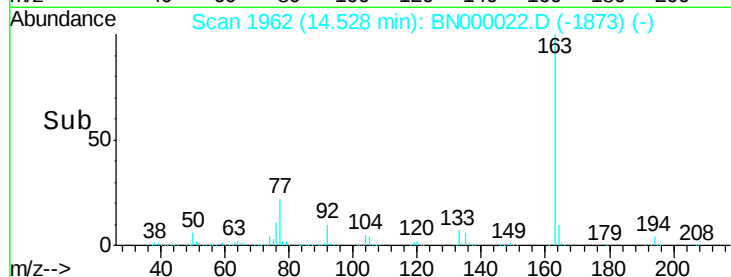
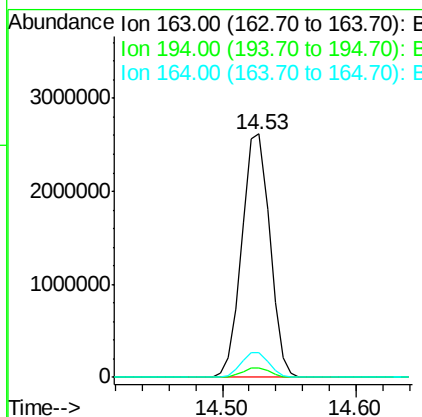
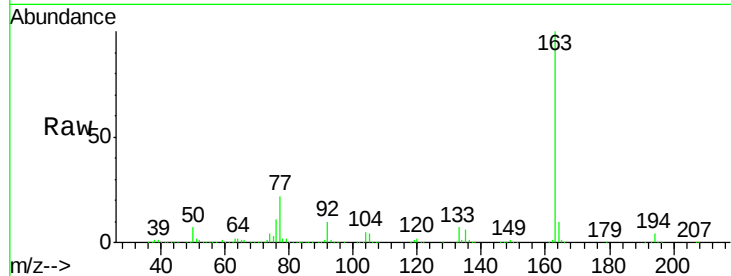
#49
Dimethylphthalate
Concen: 39.138 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 3793430
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.1 8.2 12.4

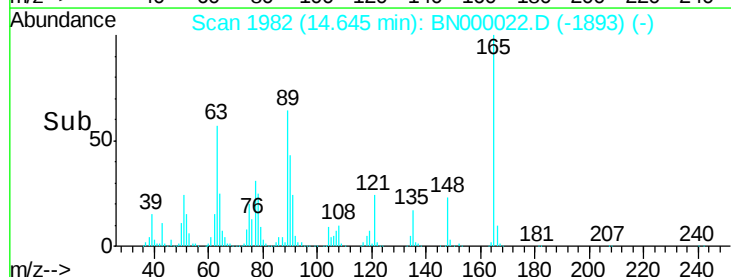
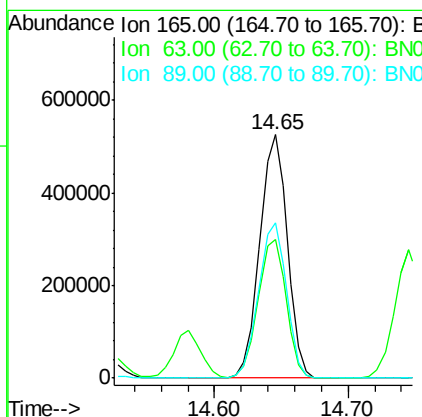
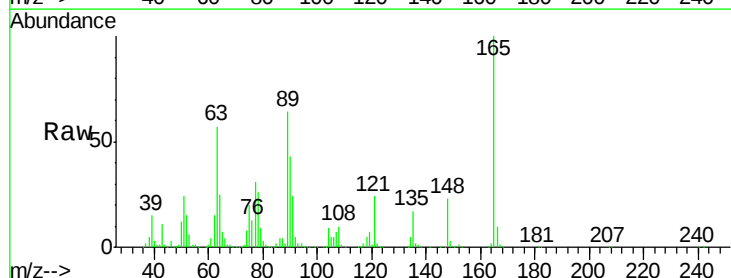
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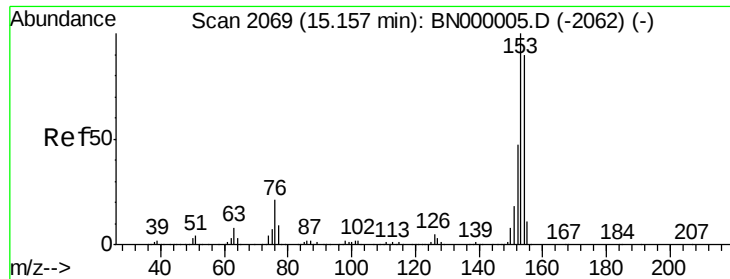
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#50
2,6-Dinitrotoluene
Concen: 40.752 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:165 Resp: 749491
Ion Ratio Lower Upper
165 100
63 56.7 52.7 79.1
89 63.8 49.2 73.8





#51

Acenaphthene

Concen: 39.847 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 3071443

Ion Ratio Lower Upper

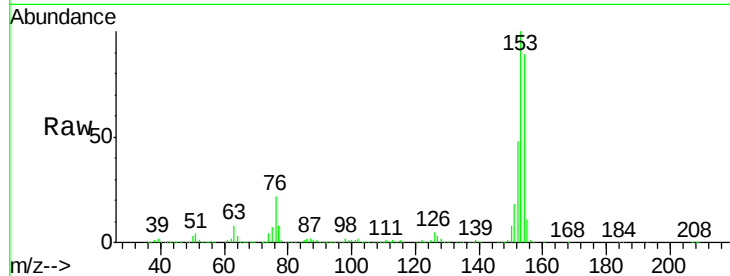
154 100

153 112.5 90.4 135.6

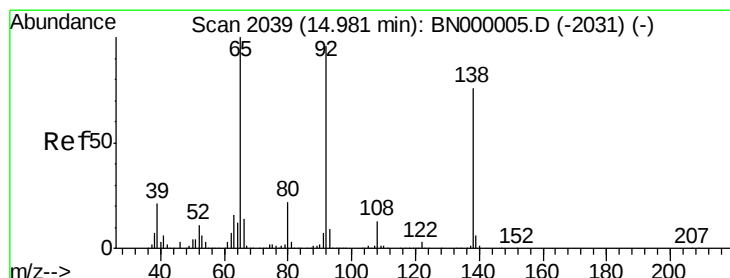
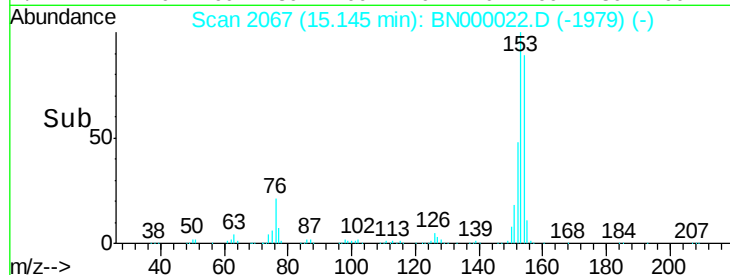
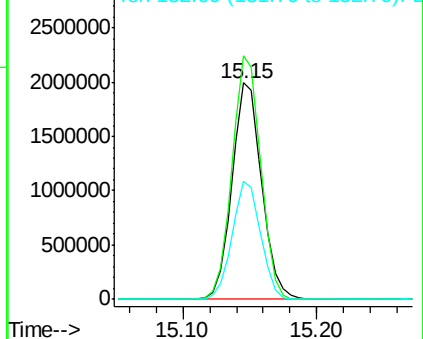
152 54.4 41.6 62.4

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



#52

3-Nitroaniline

Concen: 41.139 ng

RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

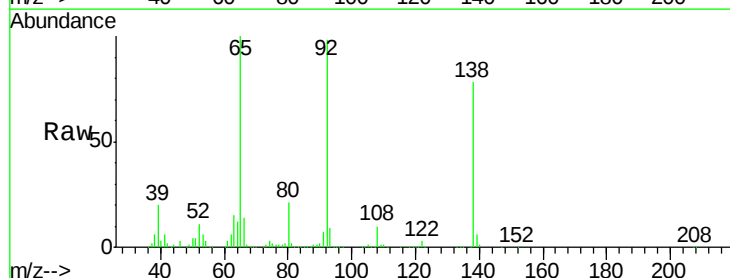
Tgt Ion:138 Resp: 931662

Ion Ratio Lower Upper

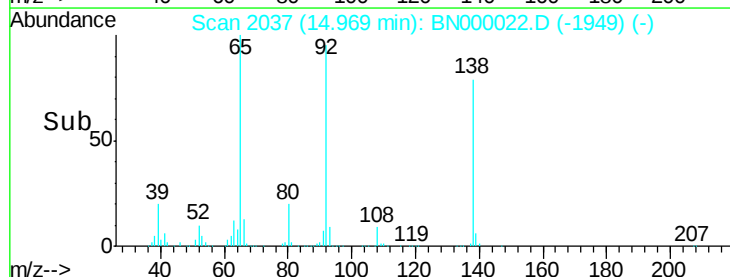
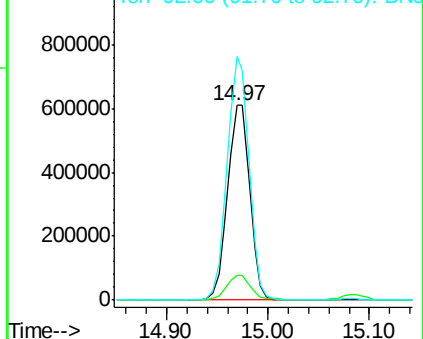
138 100

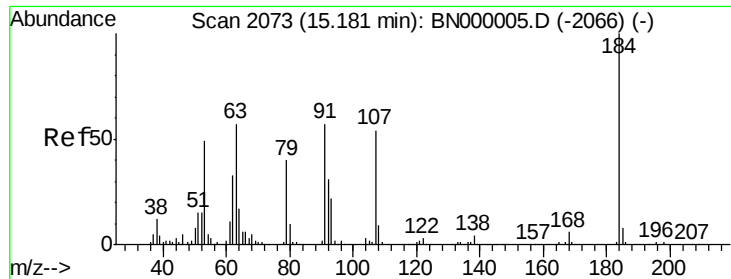
108 12.8 17.5 26.3#

92 125.0 105.8 158.8



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





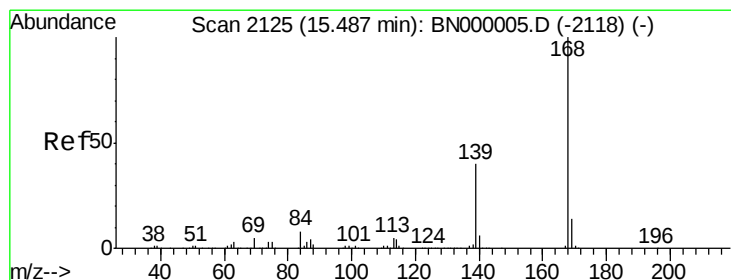
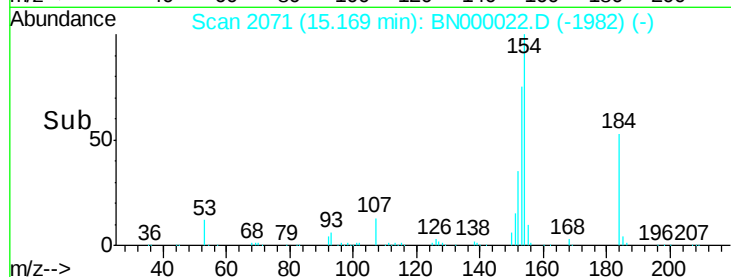
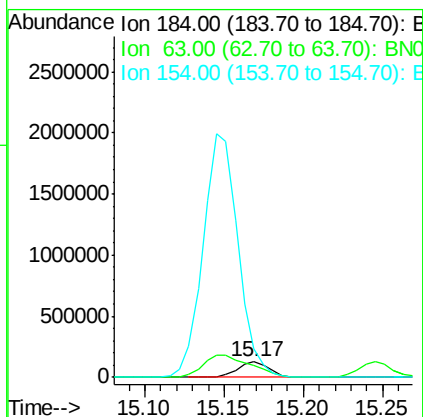
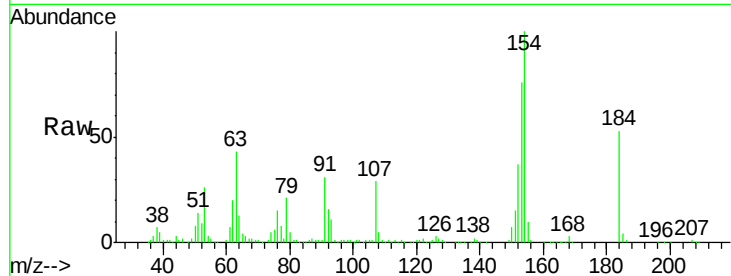
#53
2,4-Dinitrophenol
Concen: 43.317 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.0	80.0	120.0
154	188.3	308.0	462.0#

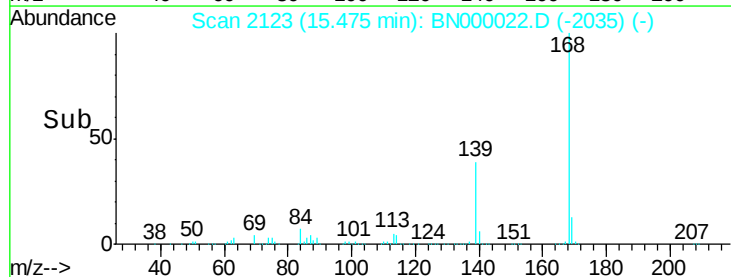
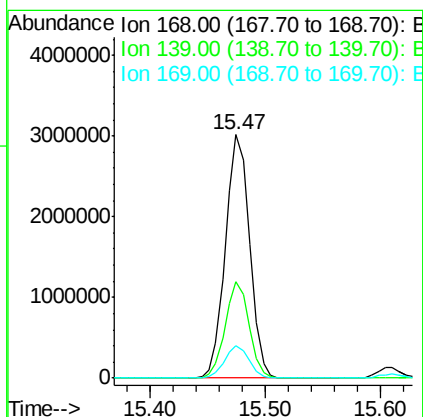
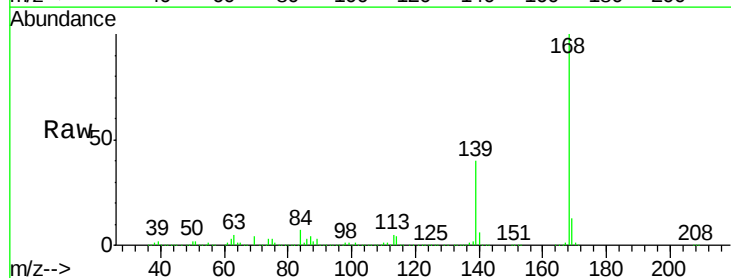
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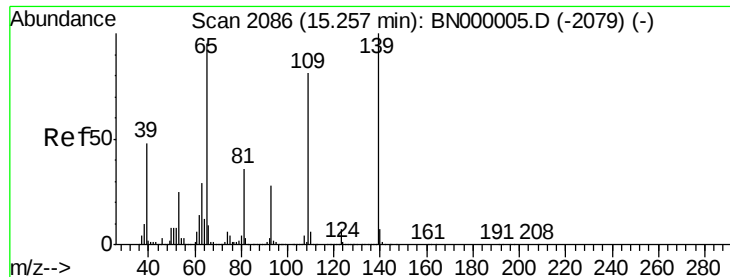
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#54
Dibenzofuran
Concen: 39.546 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	28.6	43.0
169	13.5	11.2	16.8





#55

4-Nitrophenol

Concen: 39.202 ng

RT: 15.25 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

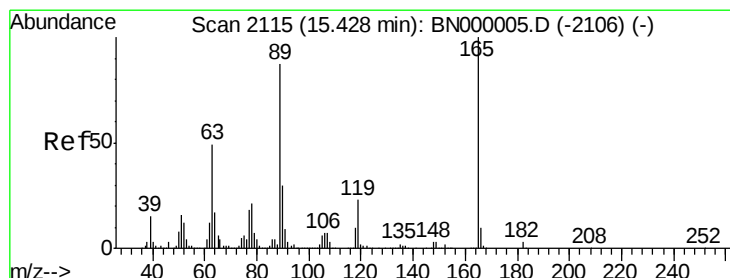
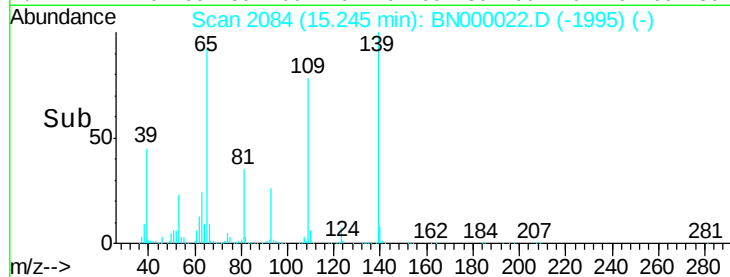
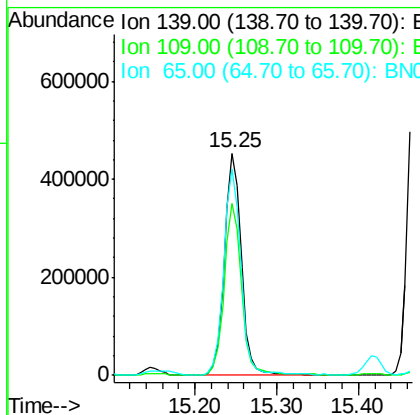
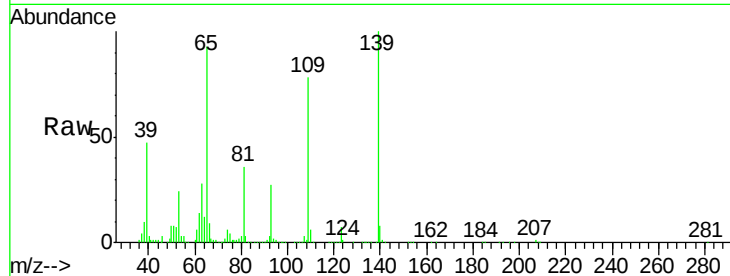
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.5	62.2	102.2
65	92.7	97.2	137.2#

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#56

2,4-Dinitrotoluene

Concen: 41.071 ng

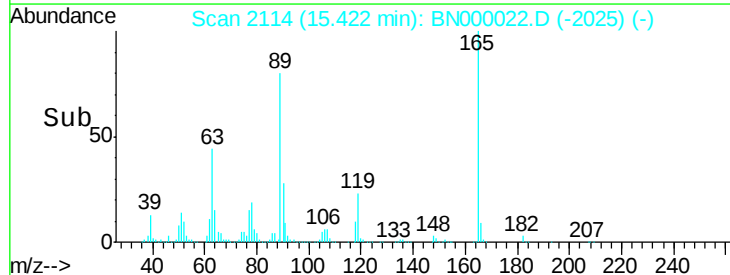
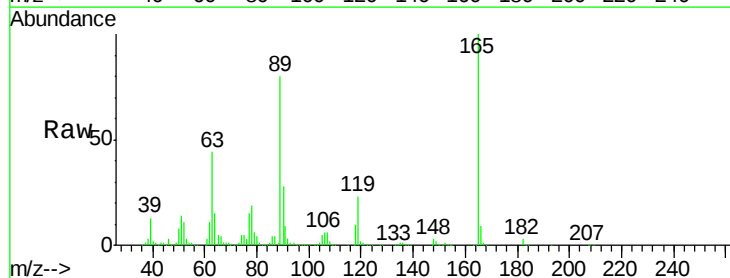
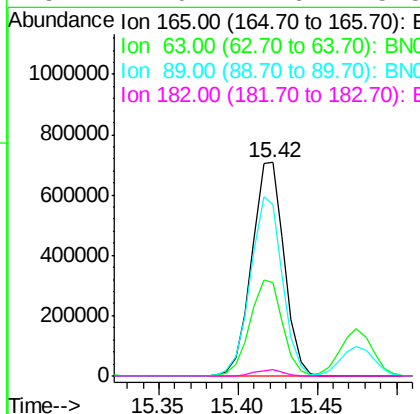
RT: 15.42 min Scan# 2114

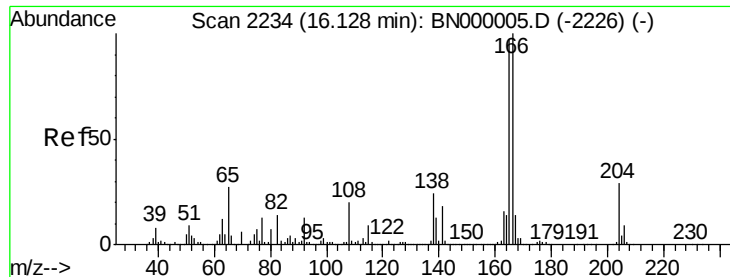
Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	42.0	63.0
89	80.2	66.9	100.3
182	2.9	2.6	3.8





#57
Fluorene
 Concen: 39.000 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

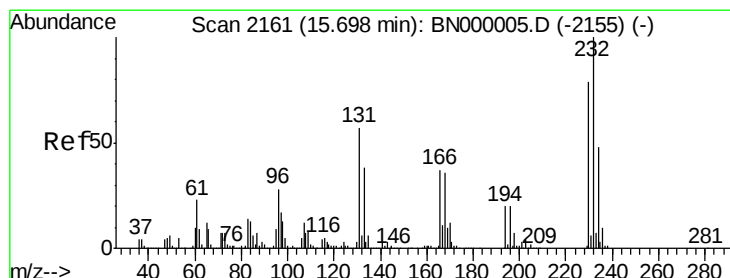
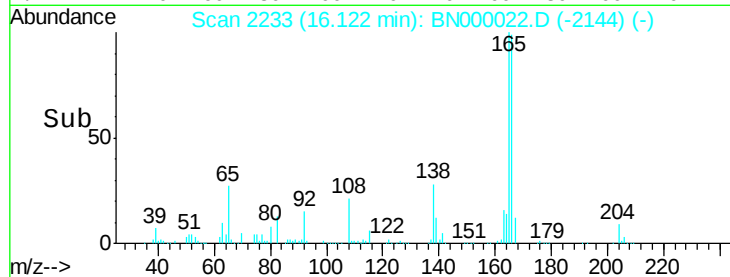
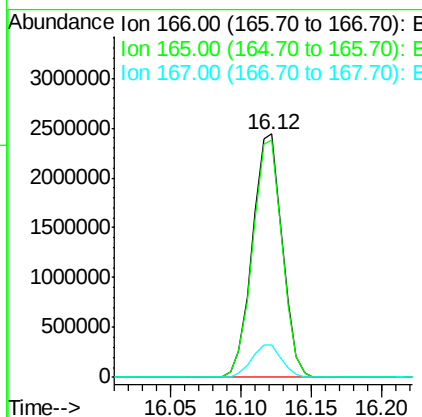
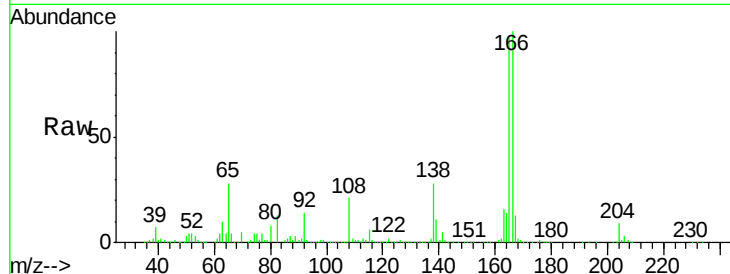
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 3632368

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.6	121.0
167	13.3	10.4	15.6

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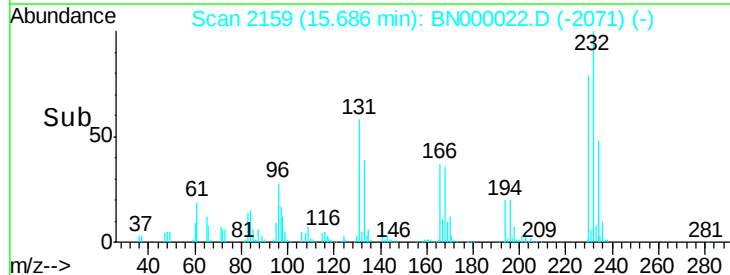
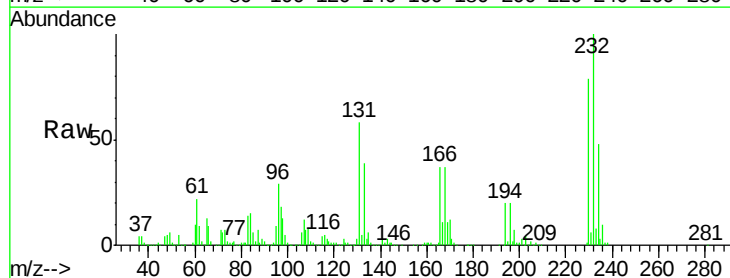
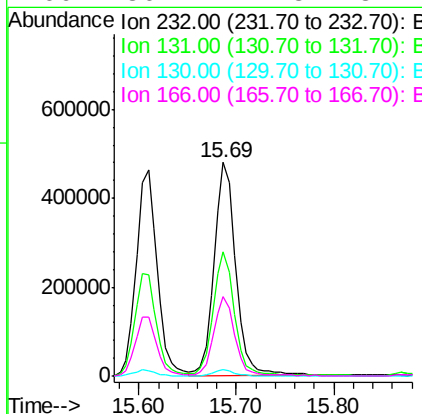
Sohil
 2/7/2018 4:13:37 PM

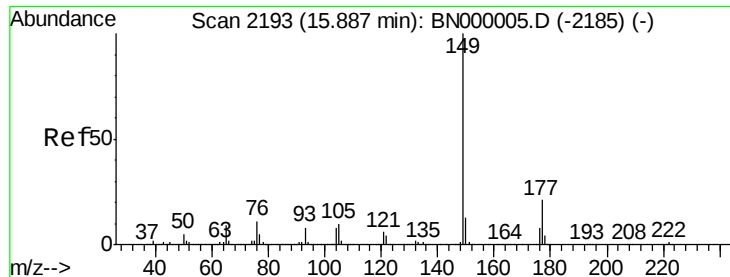


#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.177 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:232 Resp: 737330

Ion	Ratio	Lower	Upper
232	100		
131	58.7	33.5	50.3#
130	3.0	2.2	3.2
166	36.1	24.8	37.2





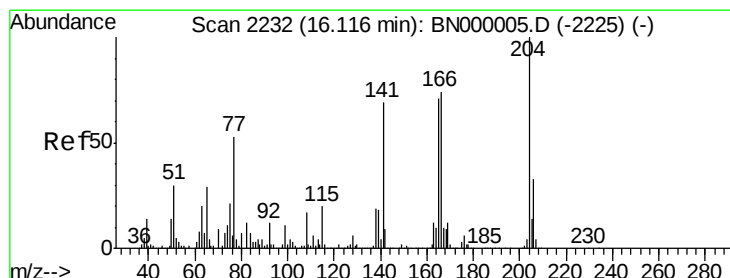
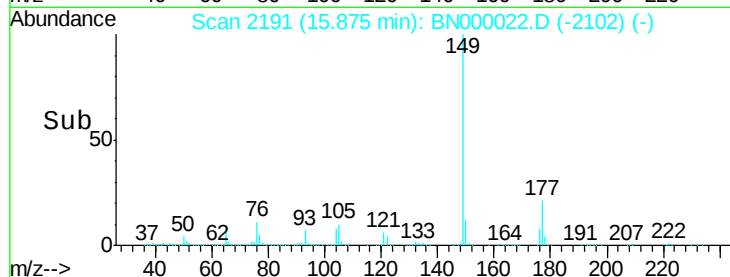
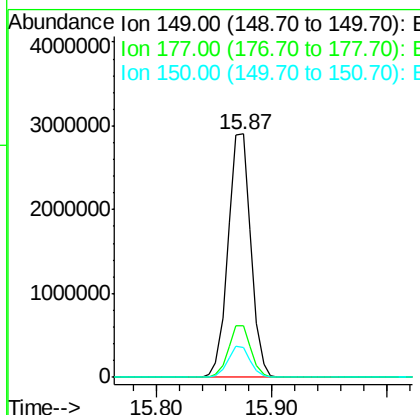
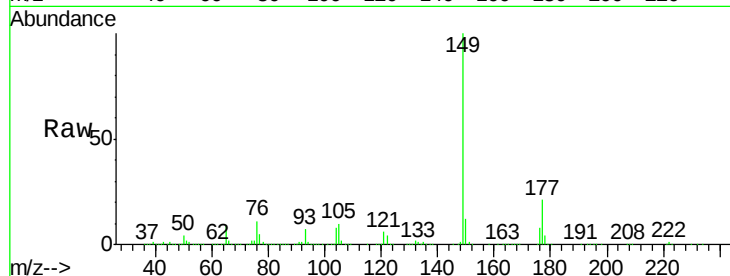
#59
Diethylphthalate
Concen: 38.954 ng
RT: 15.87 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.5	27.7
150	12.3	10.2	15.2

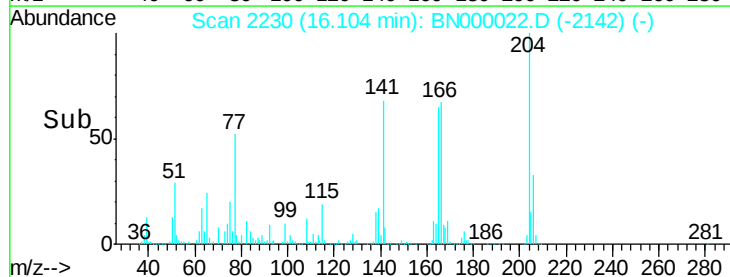
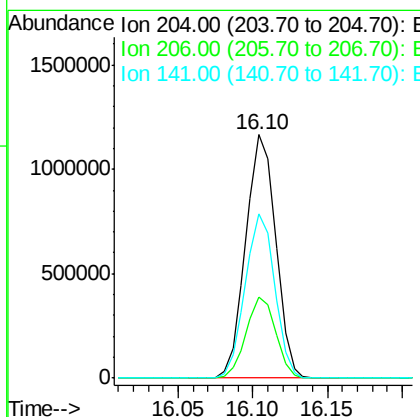
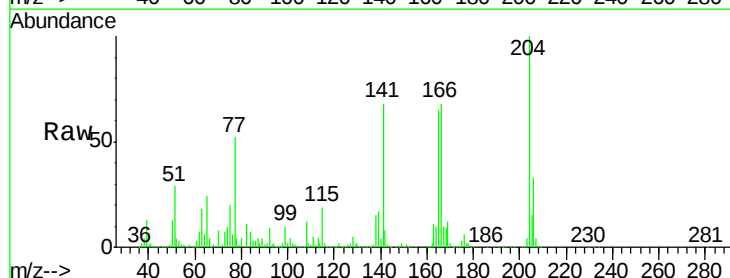
Manual Integrations
APPROVED

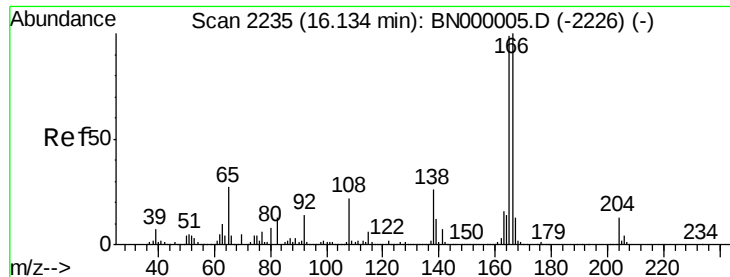
Sohil
2/7/2018 4:13:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.315 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	67.7	45.8	68.6





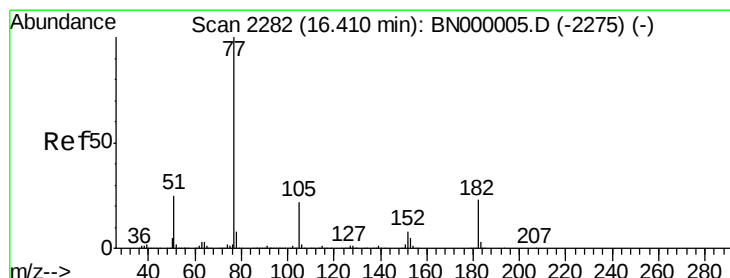
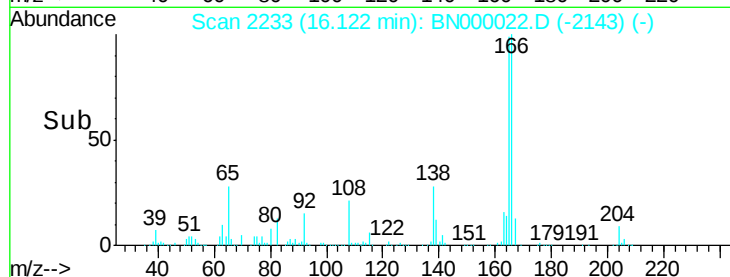
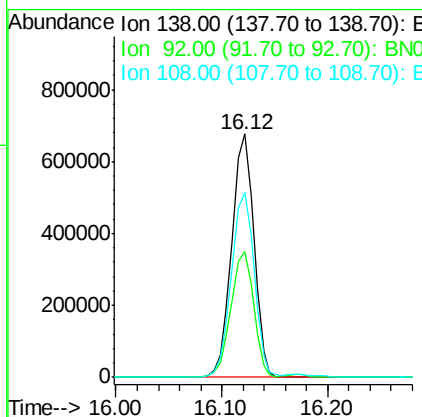
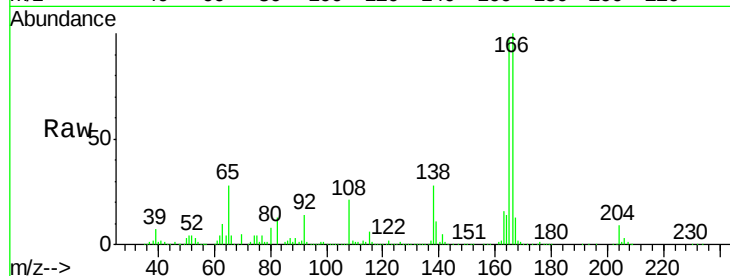
#61
4-Nitroaniline
Concen: 40.800 ng
RT: 16.12 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	40.1	80.1
108	75.8	65.4	105.4

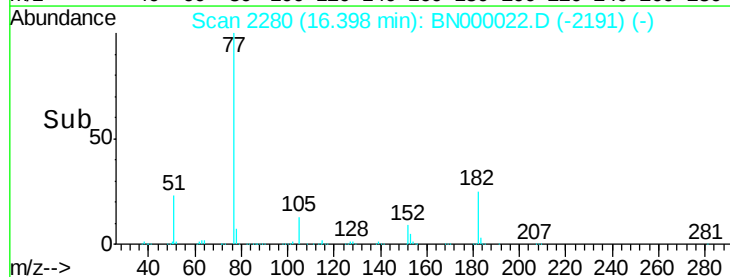
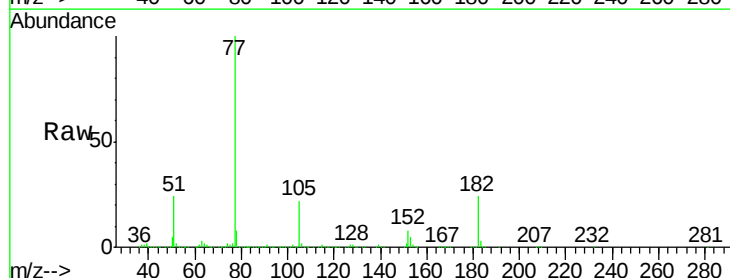
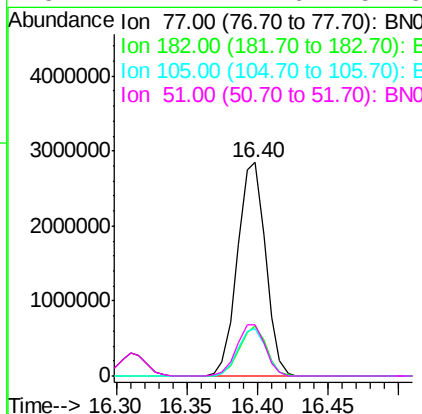
Manual Integrations
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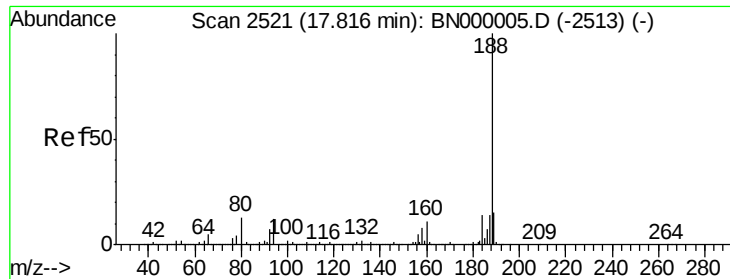
Sohil
2/7/2018 4:13:37 PM



#62
Azobenzene
Concen: 39.038 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	7.4	47.4
105	22.4	0.3	40.3
51	24.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 2385843

Ion Ratio Lower Upper

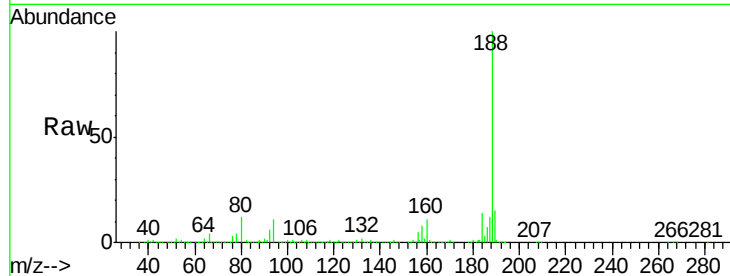
188 100

94 11.5 6.9 10.3#

80 12.3 7.7 11.5#

Manual Integrations
APPROVED

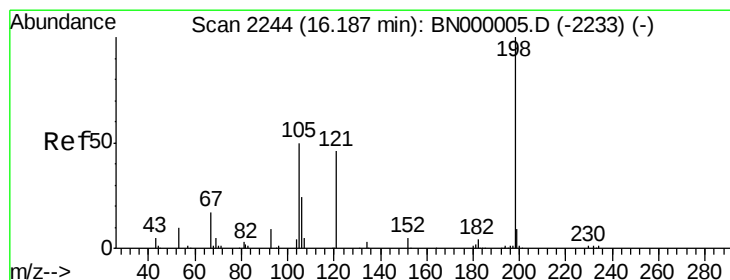
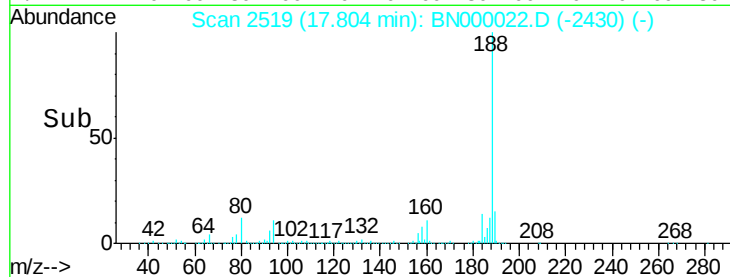
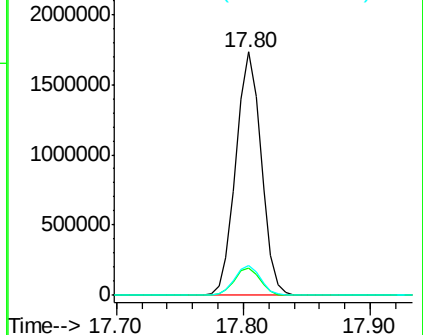
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.421 ng

RT: 16.17 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

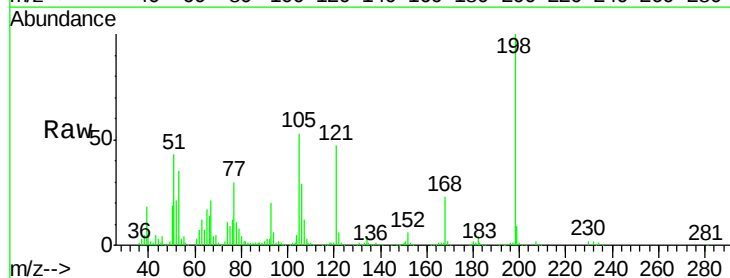
Tgt Ion:198 Resp: 348571

Ion Ratio Lower Upper

198 100

51 43.4 30.6 70.6

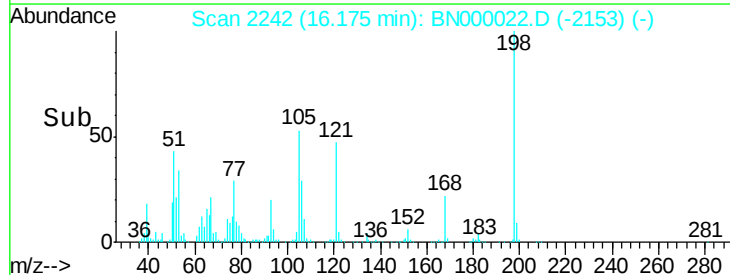
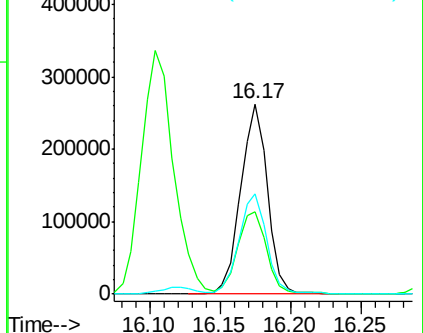
105 52.7 23.8 63.8

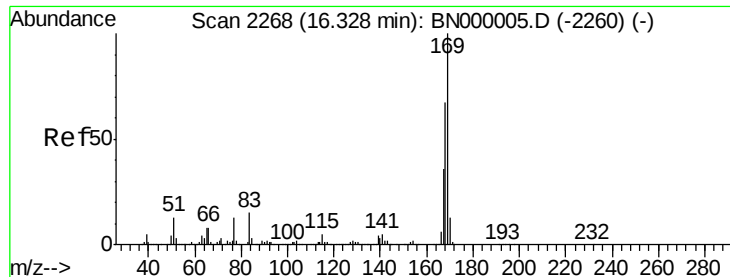


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





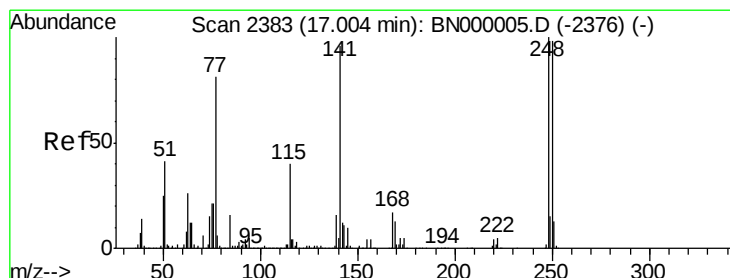
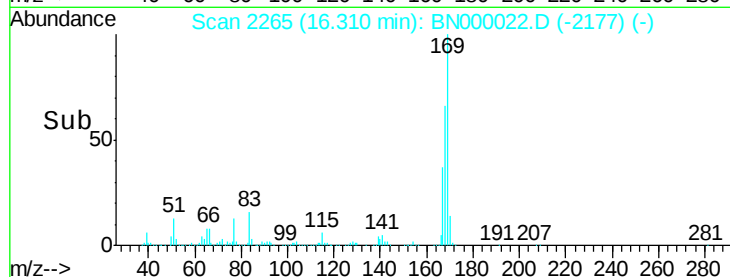
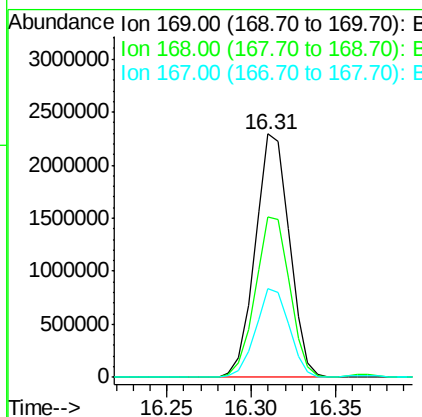
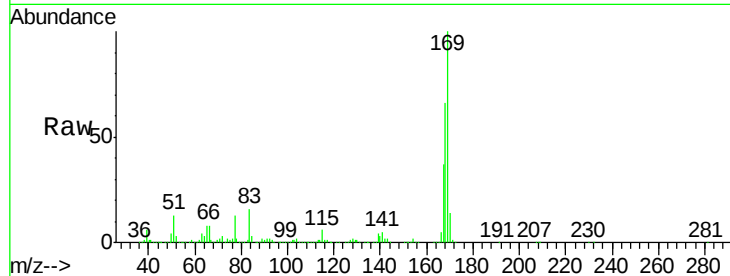
#65
n-Nitrosodiphenylamine
Concen: 41.384 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 3226466
Ion Ratio Lower Upper
169 100
168 66.1 55.7 83.5
167 36.6 30.1 45.1

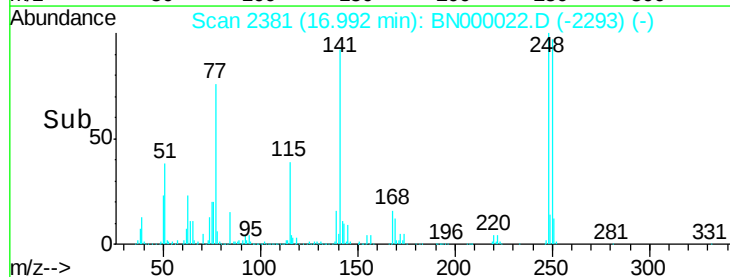
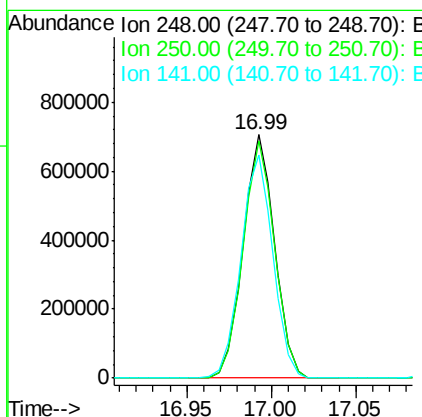
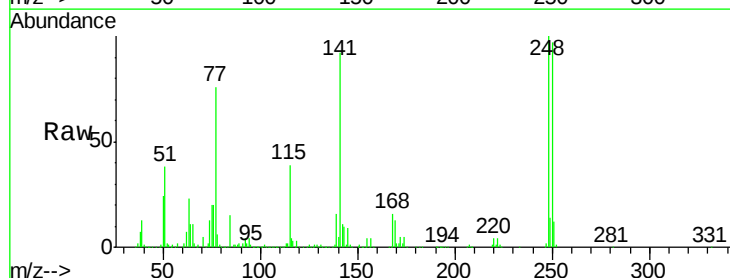
Manual Integrations
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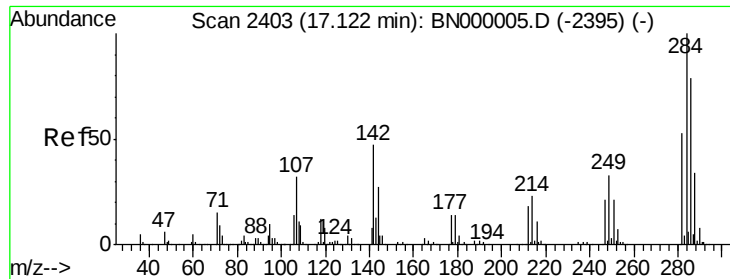
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 40.978 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:248 Resp: 914861
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 91.5 50.8 76.2#





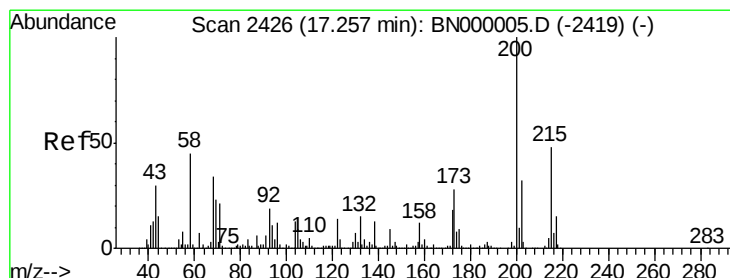
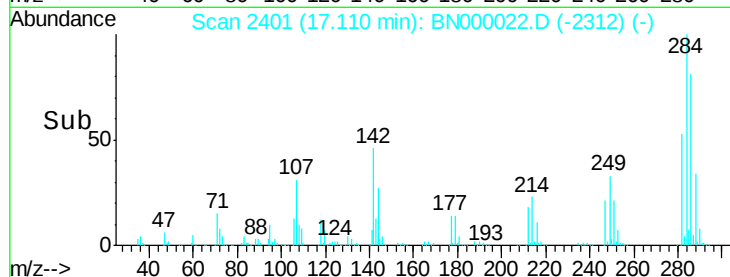
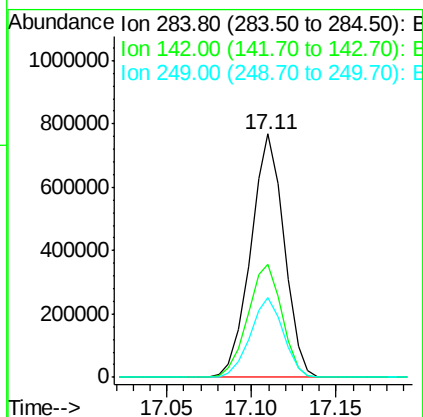
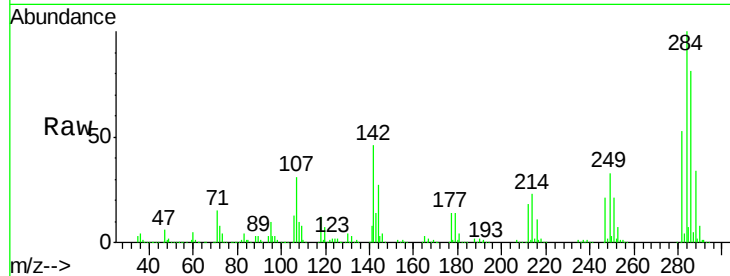
#67
Hexachlorobenzene
Concen: 40.968 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 1053737
Ion Ratio Lower Upper
284 100
142 46.3 26.8 40.2#
249 32.7 26.3 39.5

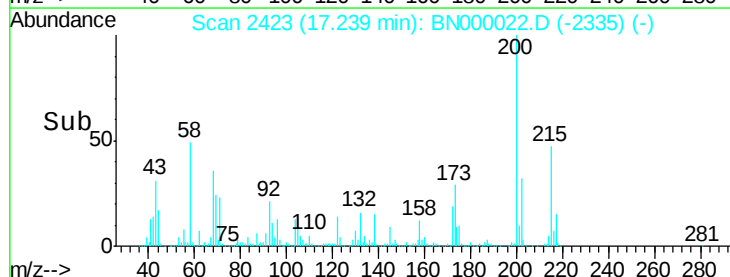
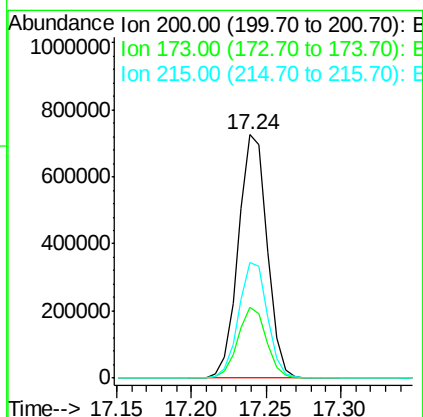
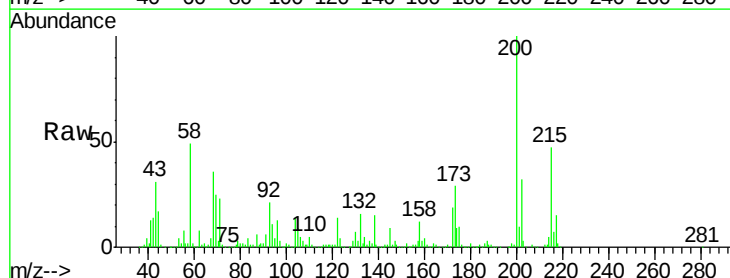
Manual Integrations
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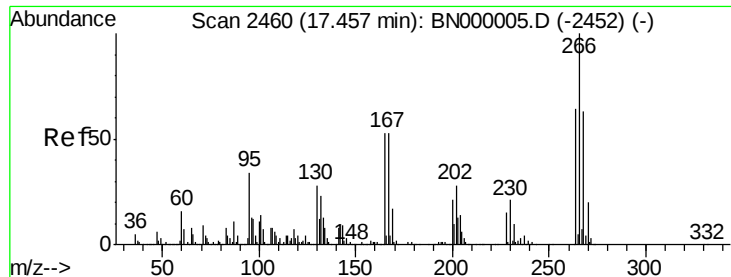
Sohil
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#68
Atrazine
Concen: 40.983 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:200 Resp: 974011
Ion Ratio Lower Upper
200 100
173 29.3 5.2 45.2
215 47.3 30.4 70.4





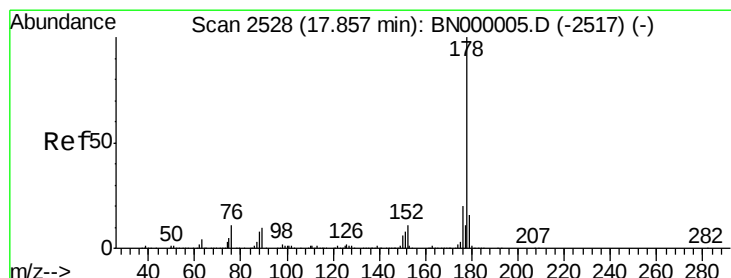
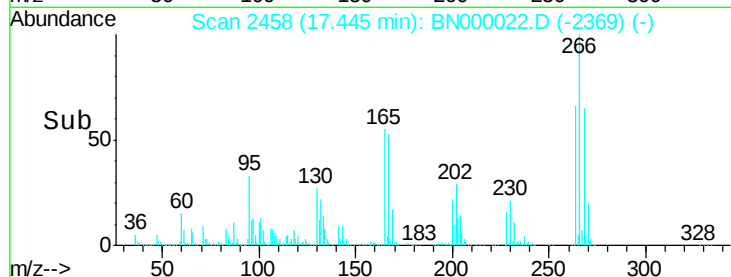
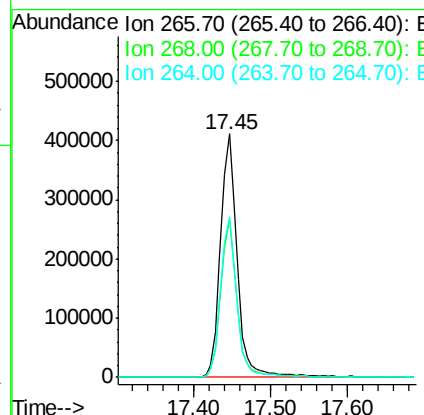
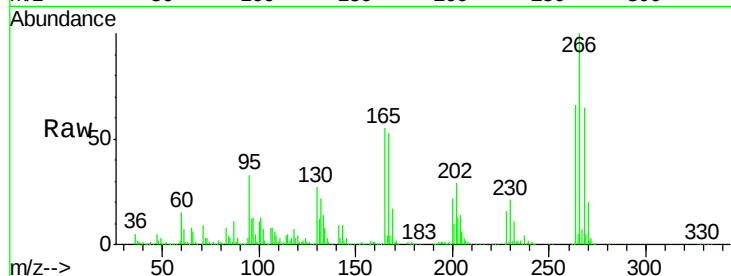
#69
 Pentachlorophenol
 Concen: 40.157 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	65.8	49.6	74.4

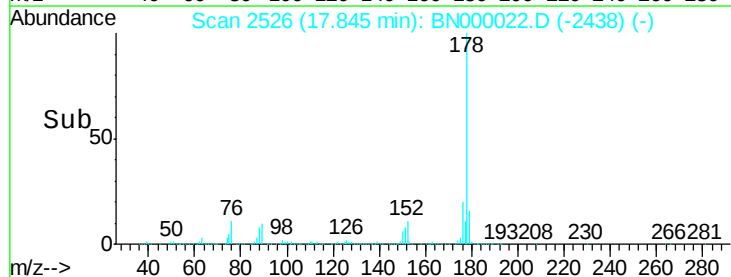
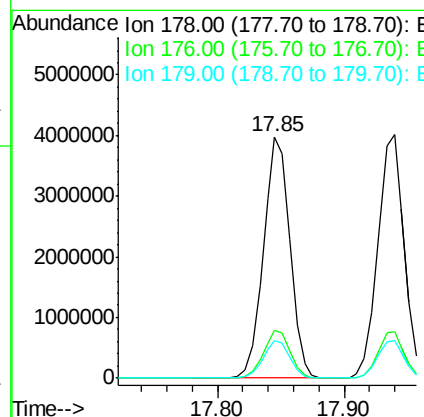
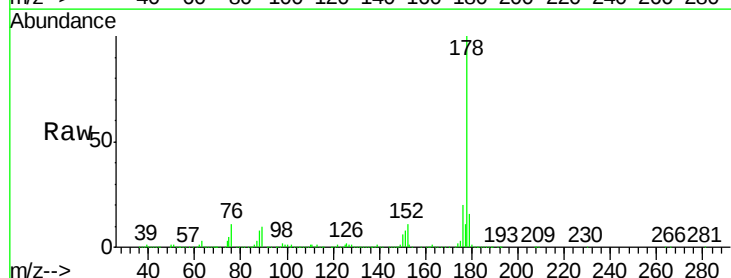
Manual Integrations
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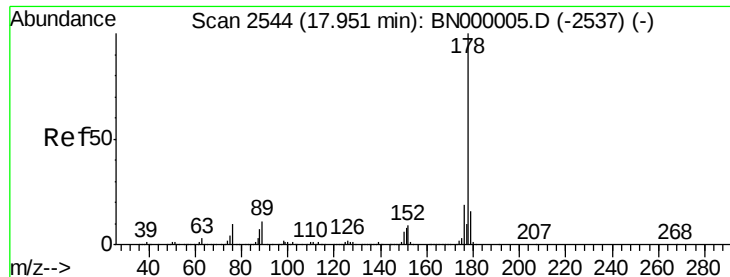
Sohil
 2/7/2018 4:13:37 PM



#70
 Phenanthrene
 Concen: 40.145 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.5	18.7





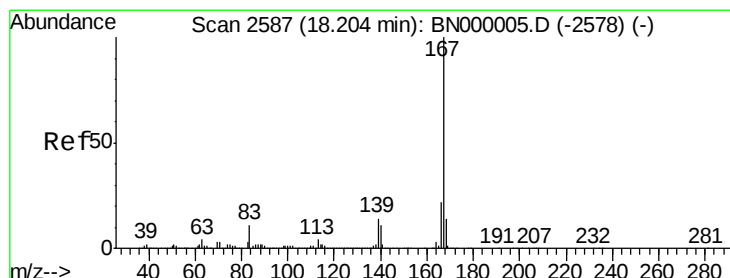
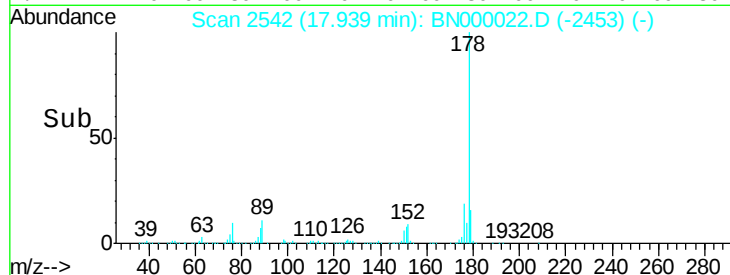
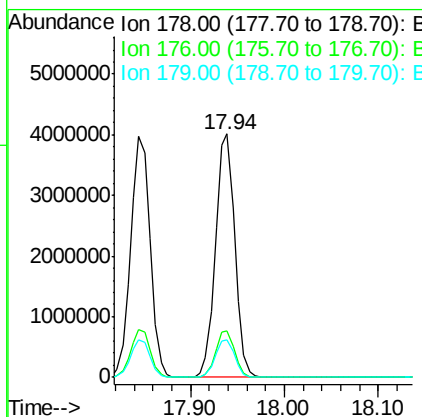
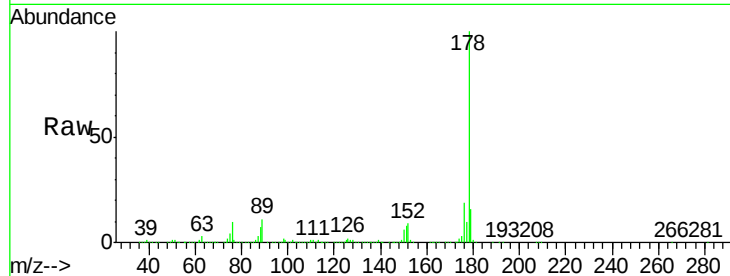
#71
 Anthracene
 Concen: 40.675 ng
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 5784485
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7

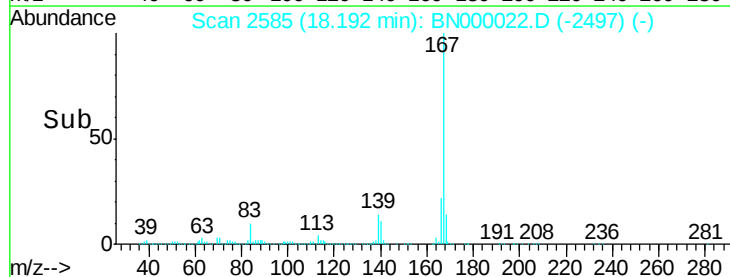
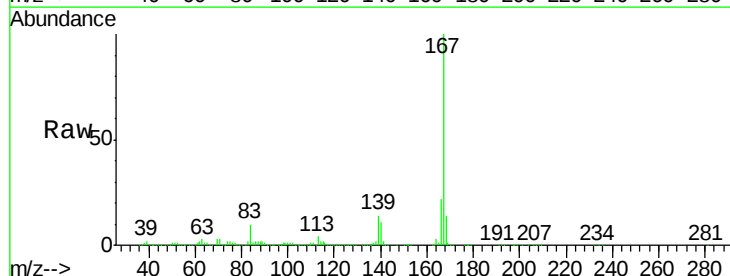
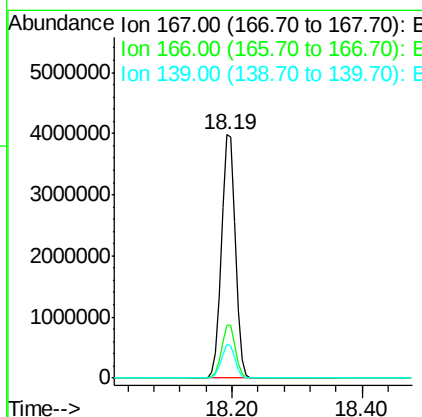
Manual Integrations
 APPROVED

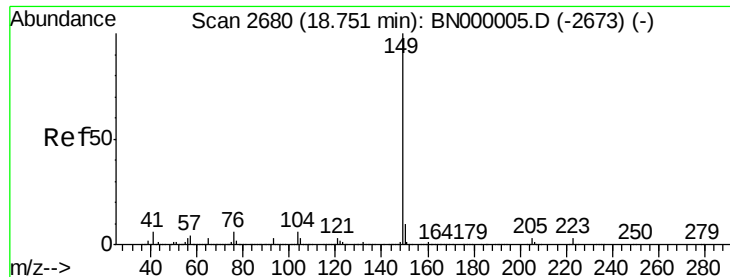
Sohil
 2/7/2018 4:13:37 PM



#72
 Carbazole
 Concen: 39.865 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:167 Resp: 5865530
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.4
 139 13.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 40.362 ng

RT: 18.73 min Scan# 2677

Delta R.T. -0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 6595125

Ion Ratio Lower Upper

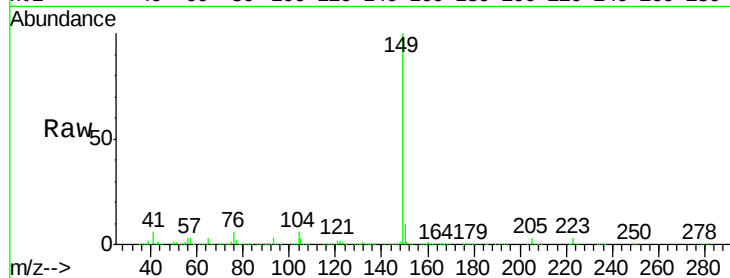
149 100

150 9.7 7.8 11.6

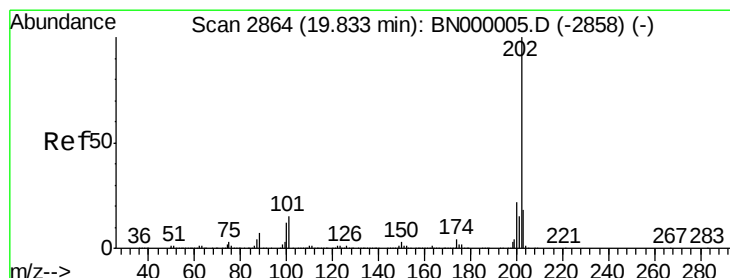
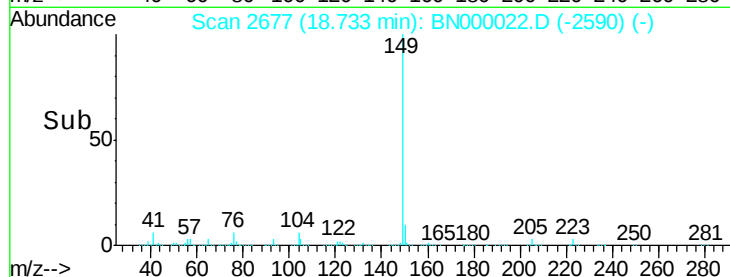
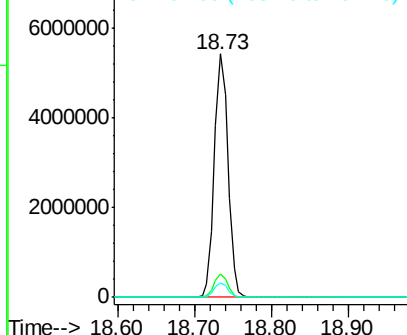
104 5.9 3.9 5.9

Manual Integrations
APPROVED

Sohil
2/7/2018 4:13:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.988 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

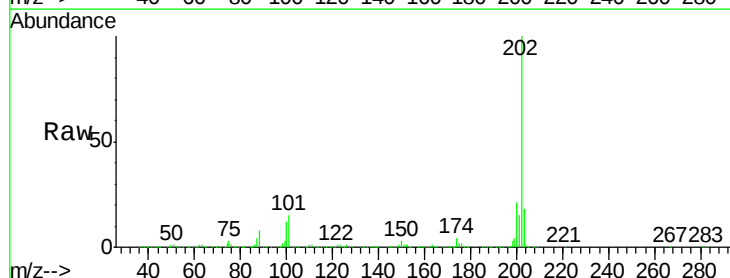
Tgt Ion:202 Resp: 6355093

Ion Ratio Lower Upper

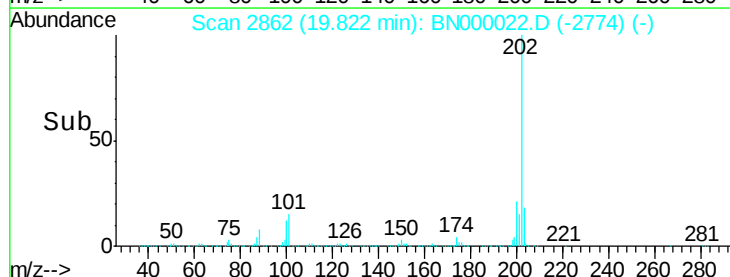
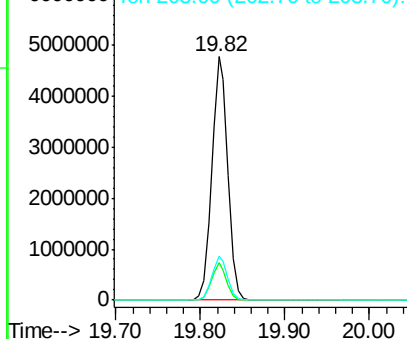
202 100

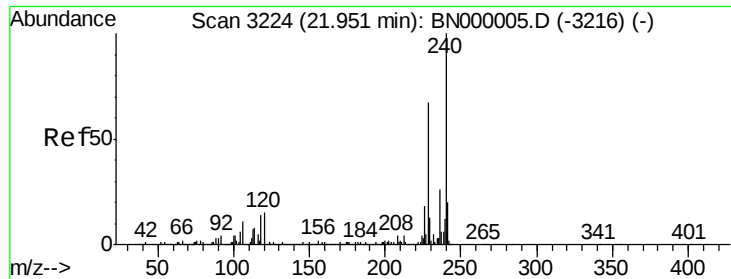
101 15.3 0.0 28.9

203 18.3 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 2591638

Ion Ratio Lower Upper

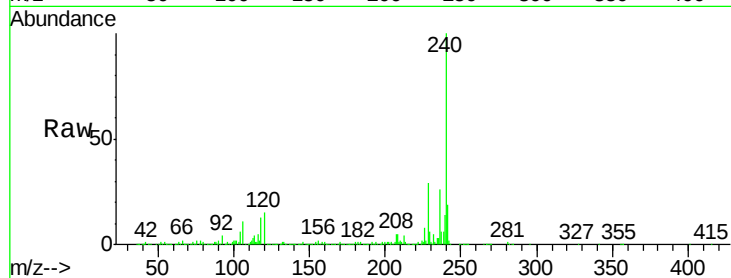
240 100

120 14.7 6.8 10.2#

236 26.2 20.9 31.3

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2/7/2018 4:13:37 PM

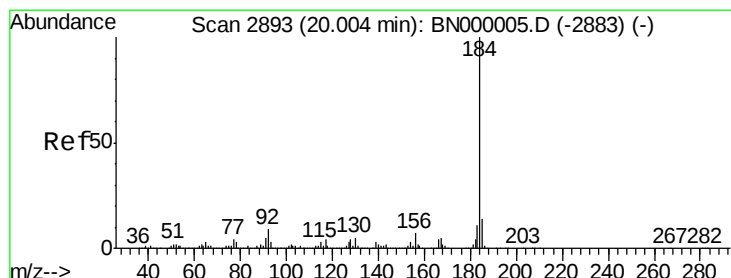
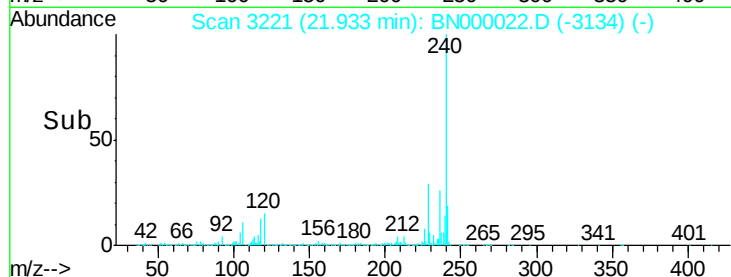
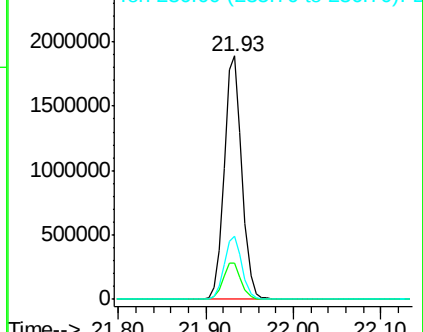


Abundance

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: 42.686 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

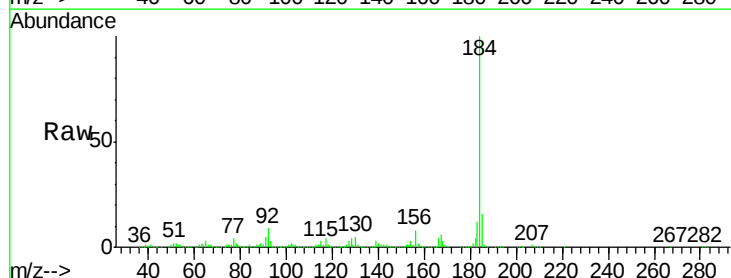
Tgt Ion:184 Resp: 2800245

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

183 11.7 10.6 16.0

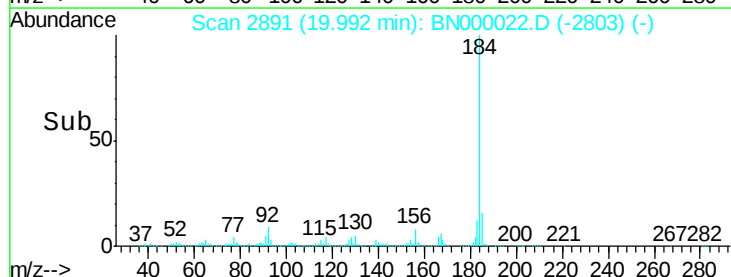
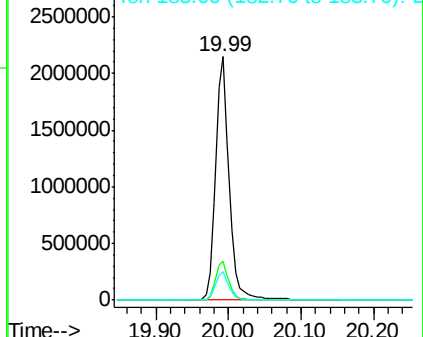


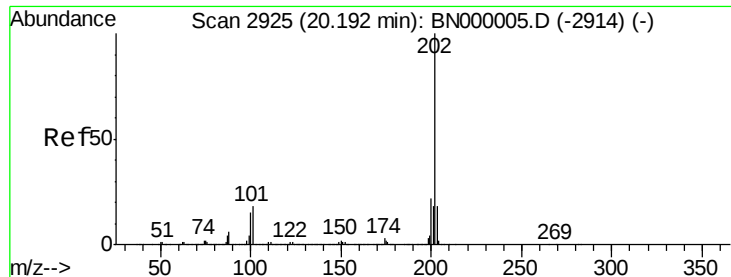
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





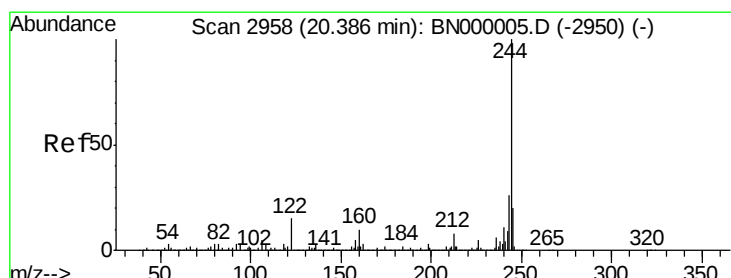
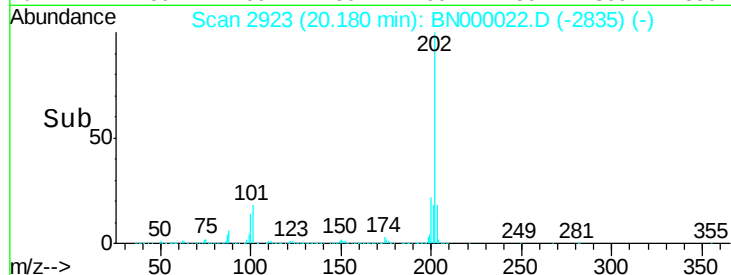
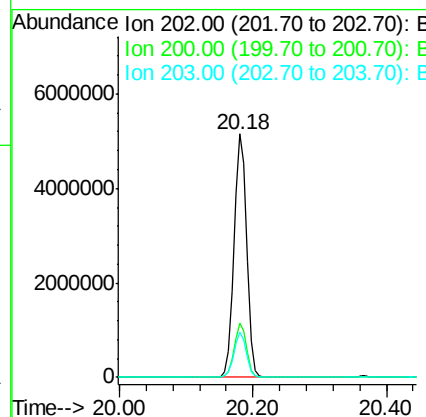
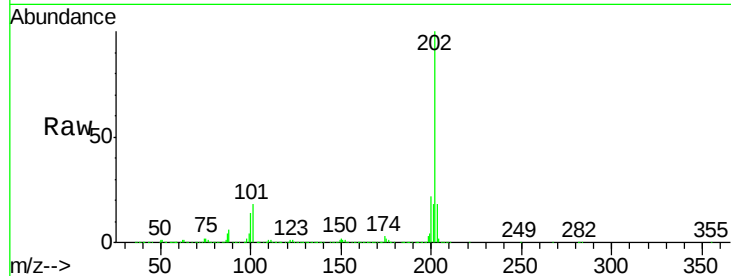
#77
Pvrene
Concen: 42.268 ng
RT: 20.18 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.4	13.9	20.9

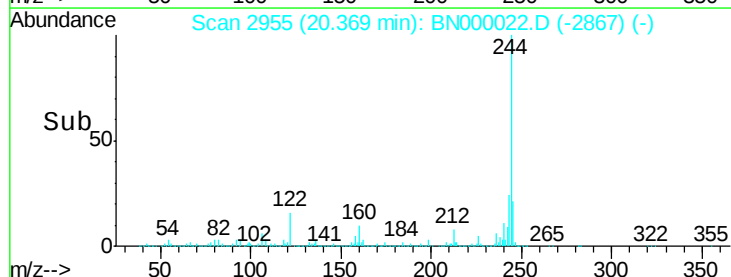
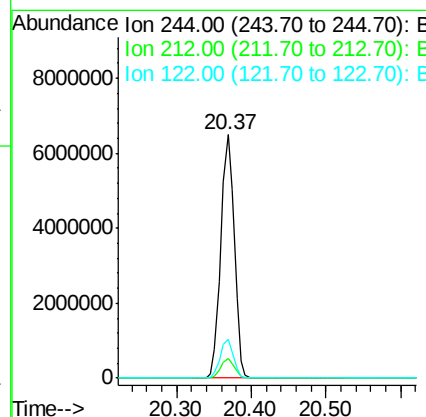
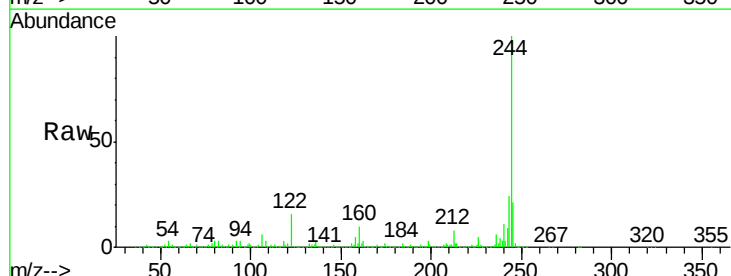
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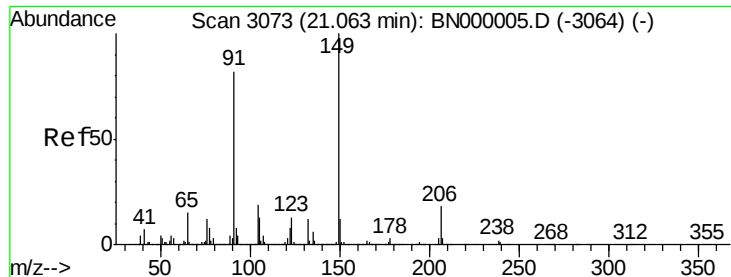
Sohil
2/7/2018 4:13:37 PM



#78
Terphenyl-d14
Concen: 82.834 ng
RT: 20.37 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.7	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 40.304 ng

RT: 21.05 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2802375

Ion Ratio Lower Upper

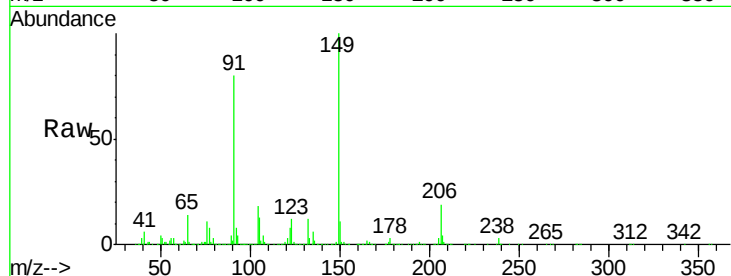
149 100

91 79.6 62.2 93.2

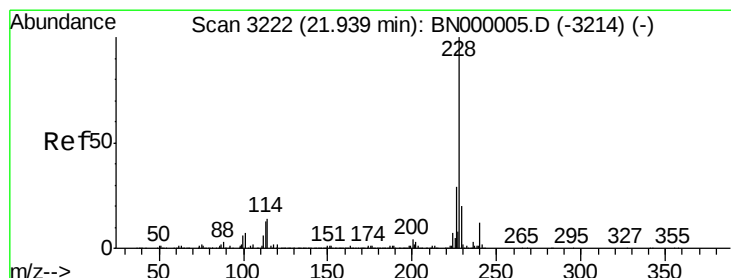
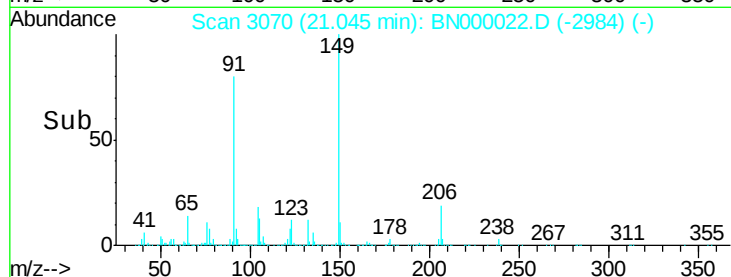
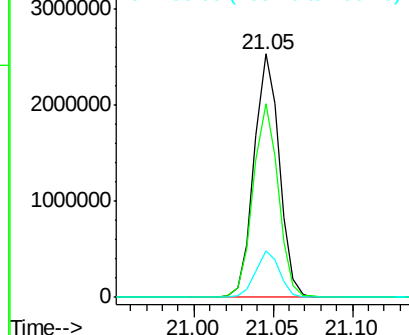
206 19.3 18.6 27.8

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2/7/2018 4:13:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.281 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

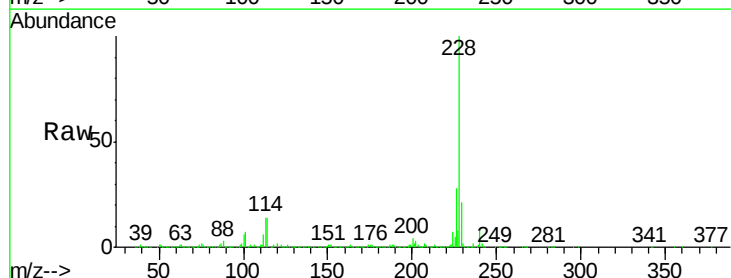
Tgt Ion:228 Resp: 6633106

Ion Ratio Lower Upper

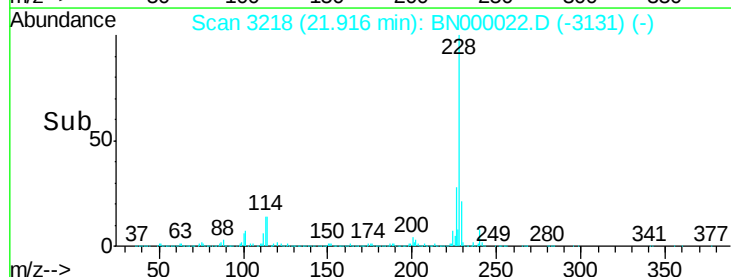
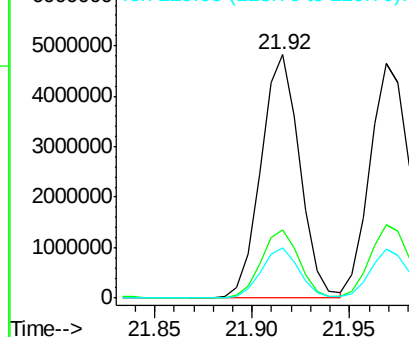
228 100

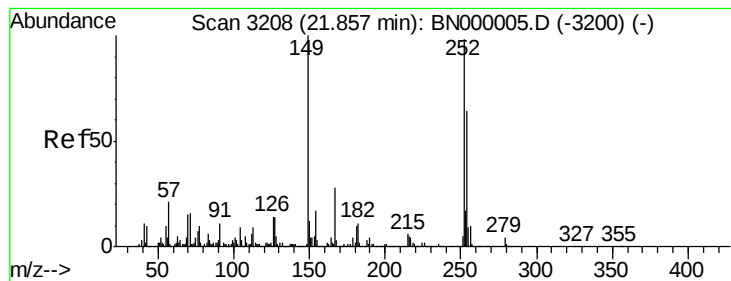
226 28.2 22.7 34.1

229 20.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





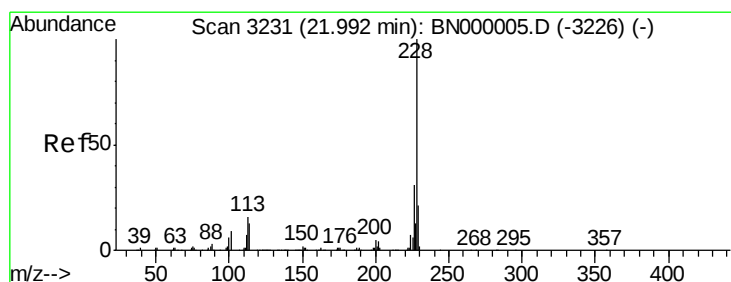
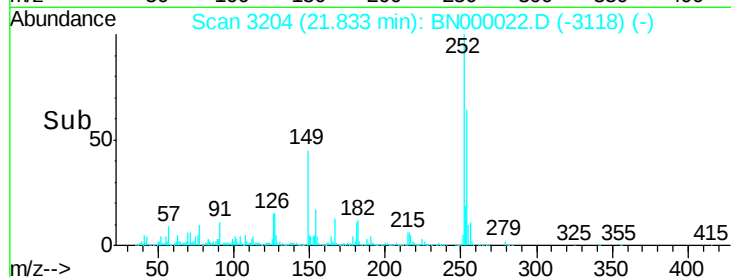
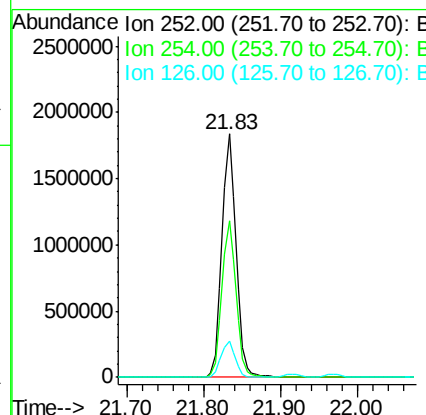
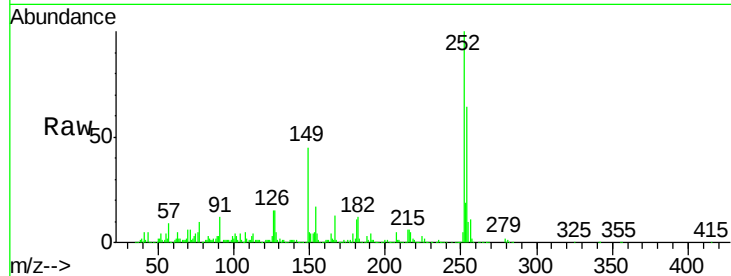
#81
 3,3'-Dichlorobenzidine
 Concen: 43.247 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	14.7	7.4	11.2

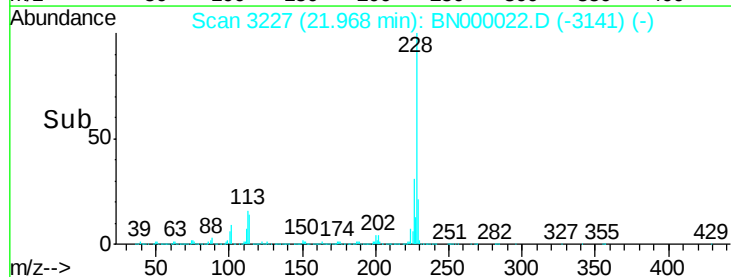
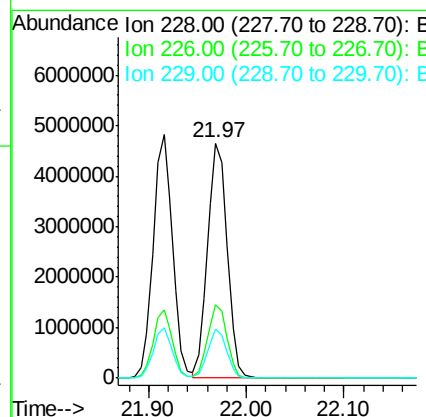
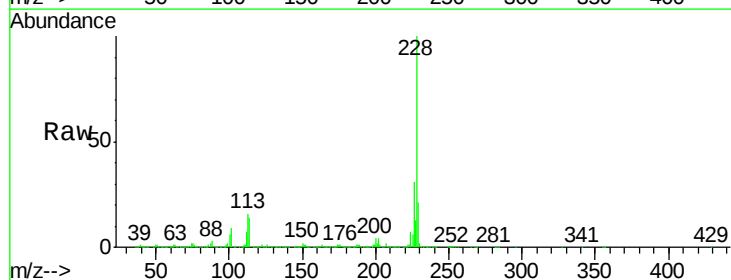
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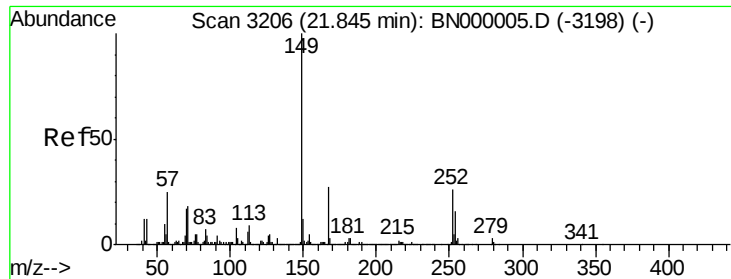
Sohil
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#82
 Chrysene
 Concen: 40.681 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.140 ng

RT: 21.82 min Scan# 3202

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 4544448

Ion Ratio Lower Upper

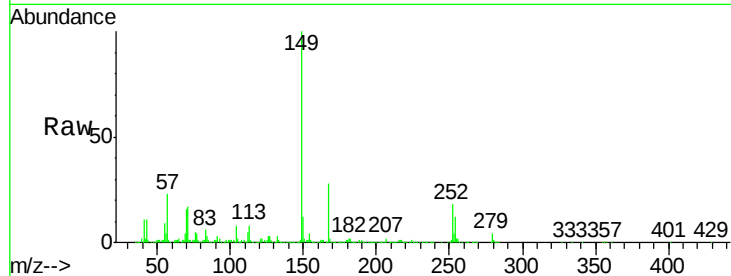
149 100

167 27.8 24.3 36.5

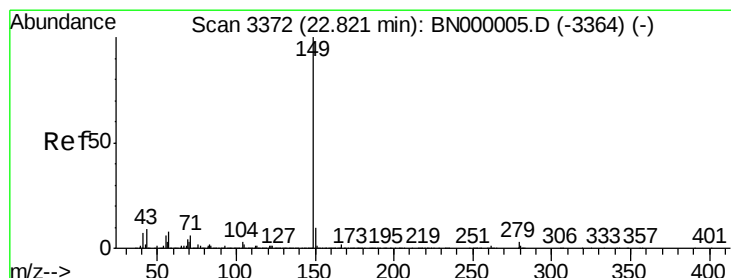
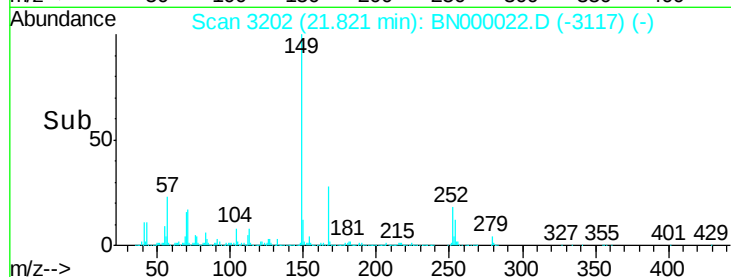
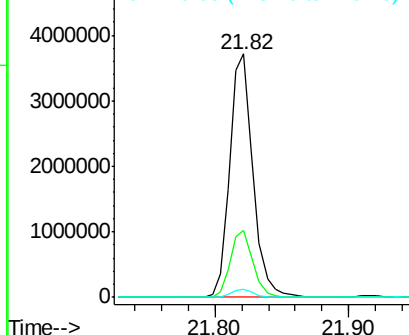
279 3.5 4.0 6.0#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.400 ng

RT: 22.79 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

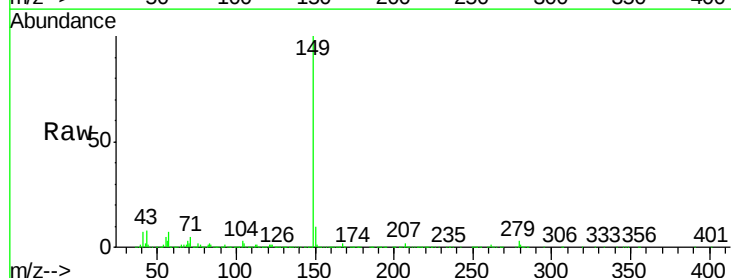
Tgt Ion:149 Resp: 7226118

Ion Ratio Lower Upper

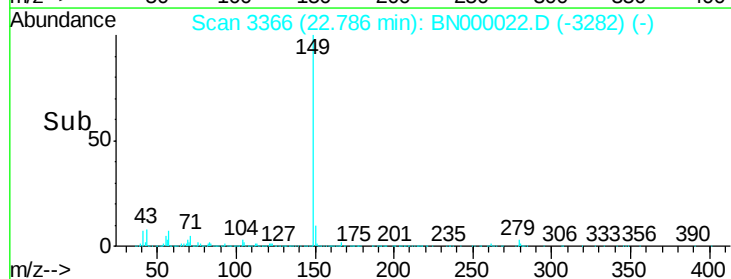
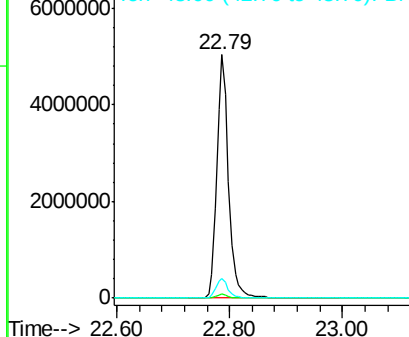
149 100

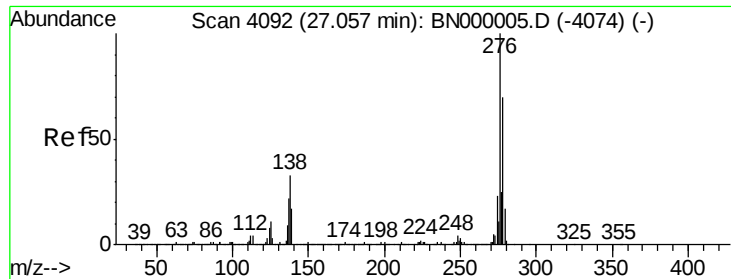
167 1.6 1.4 2.0

43 8.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
6000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC





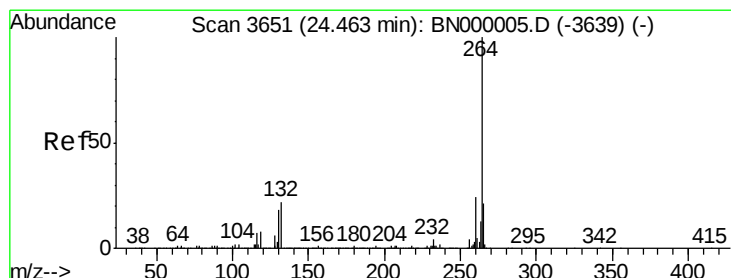
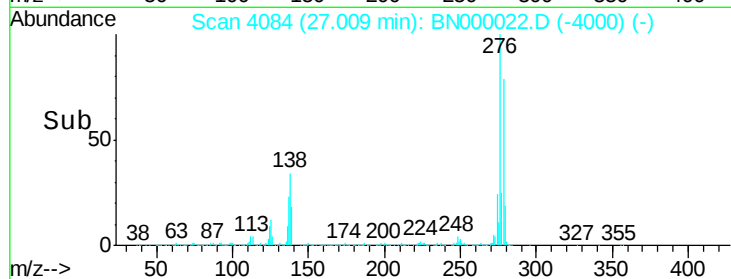
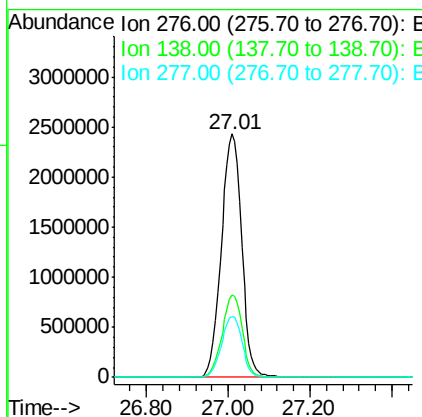
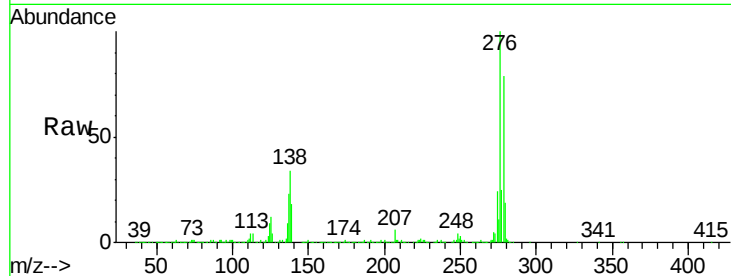
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.616 ng
 RT: 27.01 min Scan# 4084
 Delta R.T. -0.04 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 8360825
 Ion Ratio Lower Upper
 276 100
 138 33.7 16.0 24.0#
 277 25.2 20.0 30.0

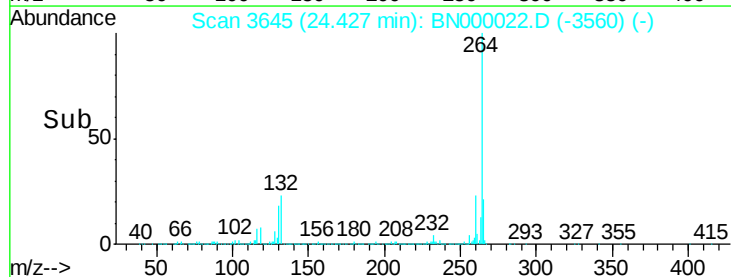
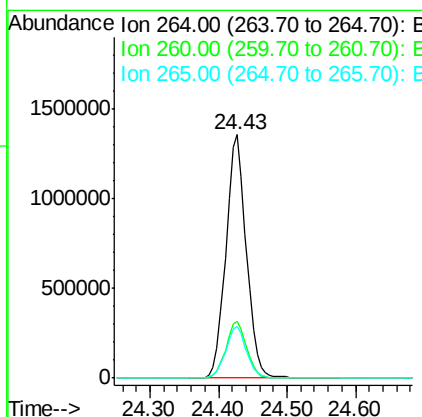
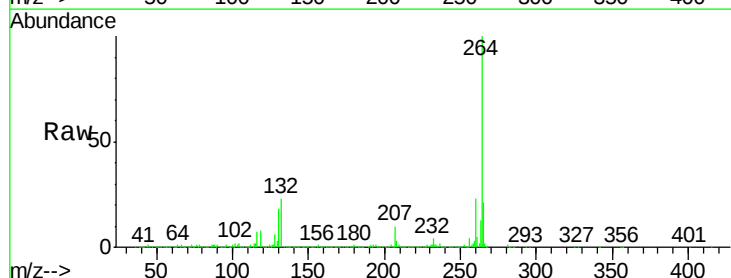
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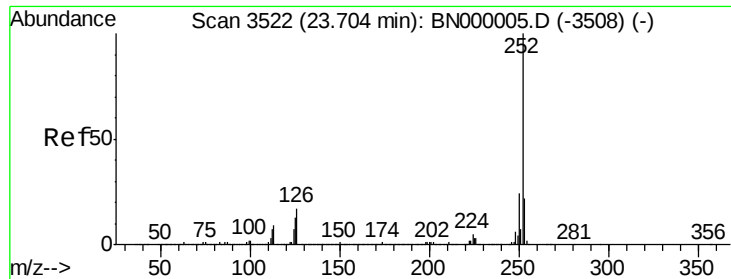
Sohil
 2/7/2018 4:13:37 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.43 min Scan# 3645
 Delta R.T. -0.03 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:264 Resp: 2799104
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.414 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 6726129

Ion Ratio Lower Upper

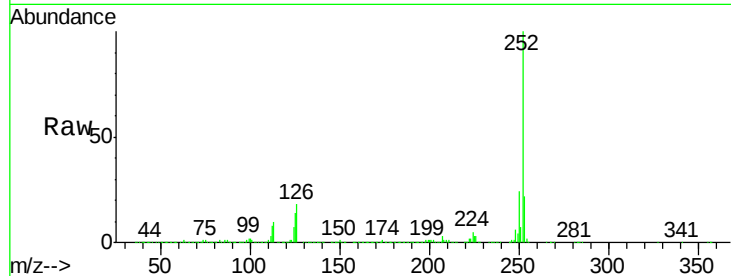
252 100

253 22.5 18.2 27.4

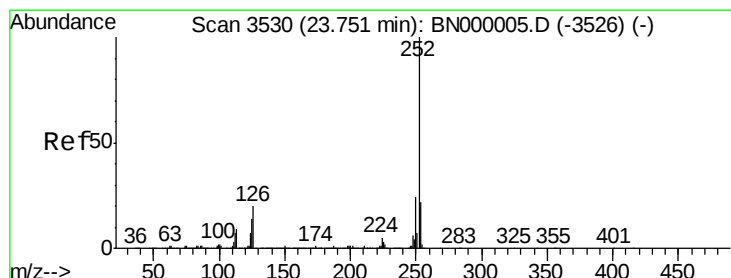
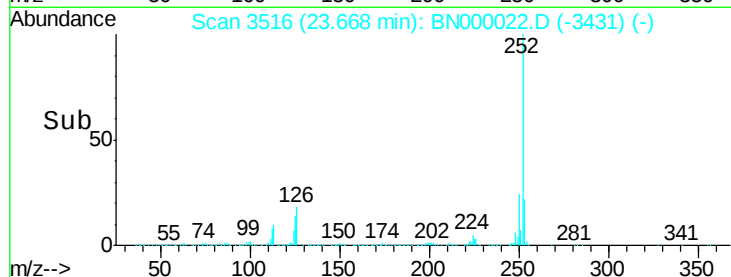
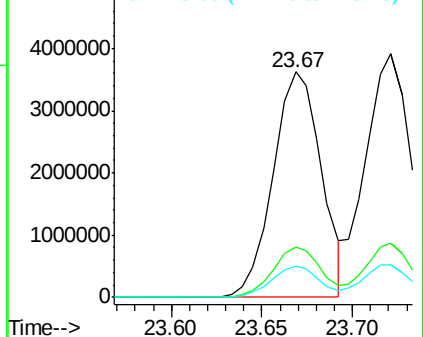
125 13.7 7.2 10.8#

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



#88

Benzo(k)fluoranthene

Concen: 41.988 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

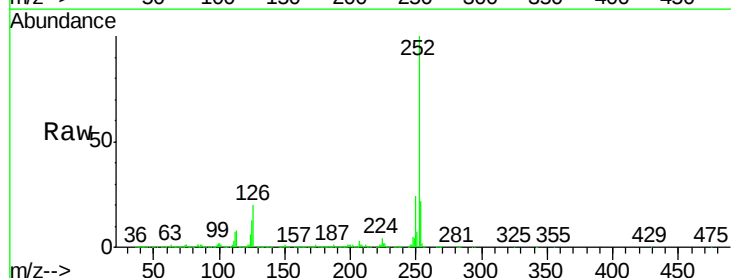
Tgt Ion:252 Resp: 7006508

Ion Ratio Lower Upper

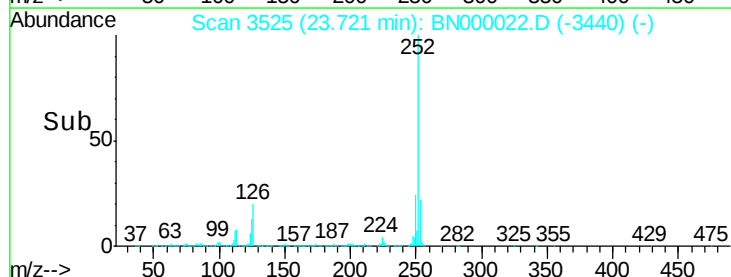
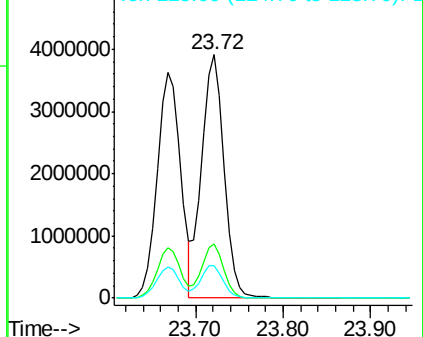
252 100

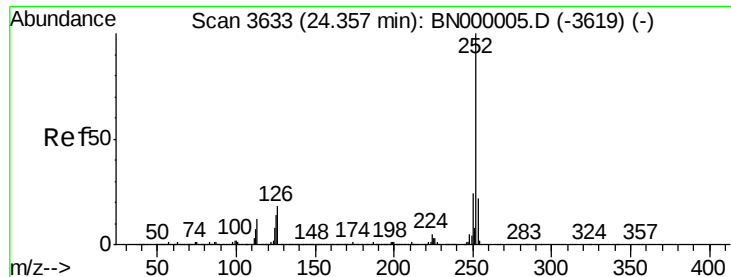
253 22.3 17.4 26.2

125 13.4 6.6 9.8#



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





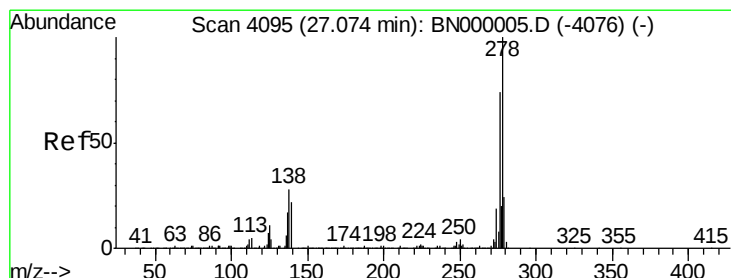
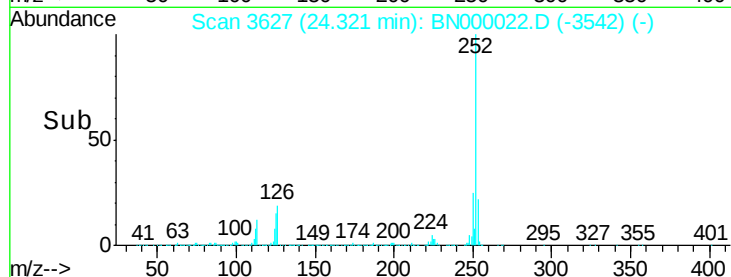
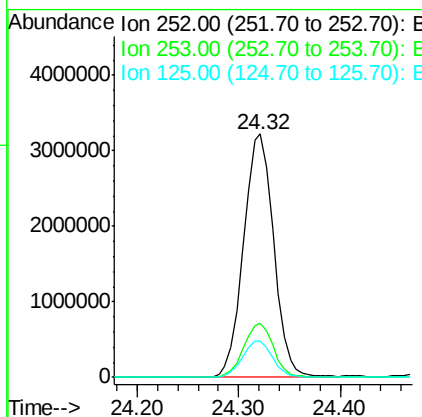
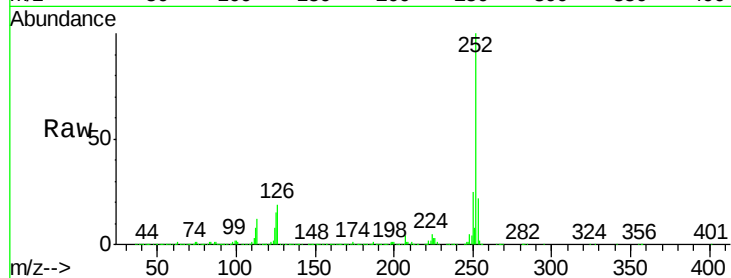
#89
Benzo(a)pyrene
Concen: 41.101 ng
RT: 24.32 min Scan# 3627
Delta R.T. -0.03 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	14.9	7.3	10.9

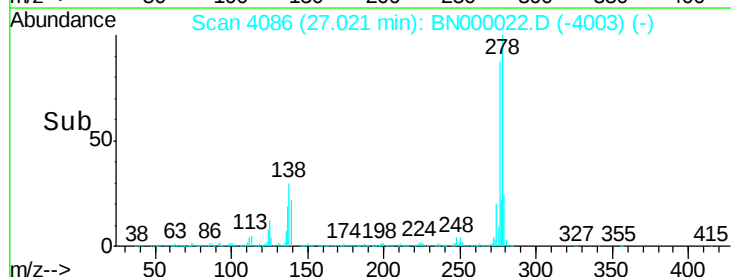
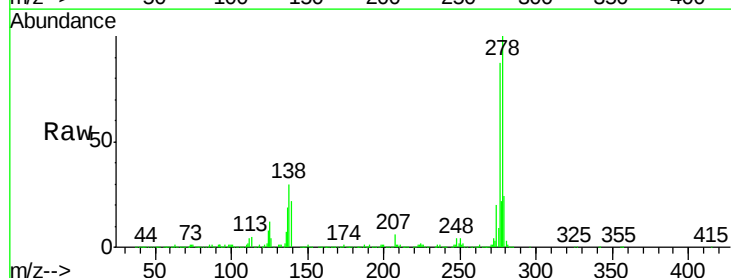
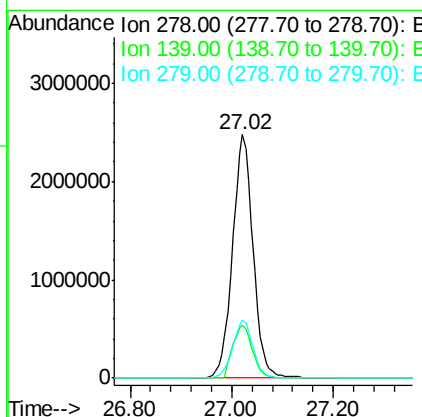
Manual Integrations
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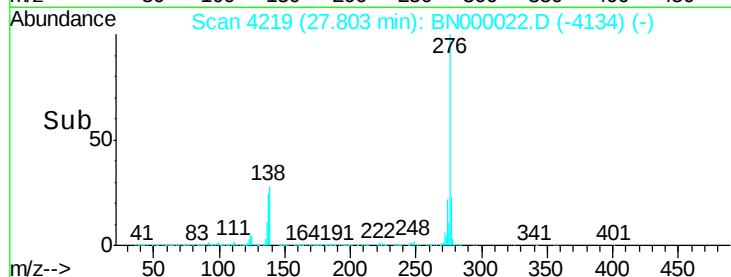
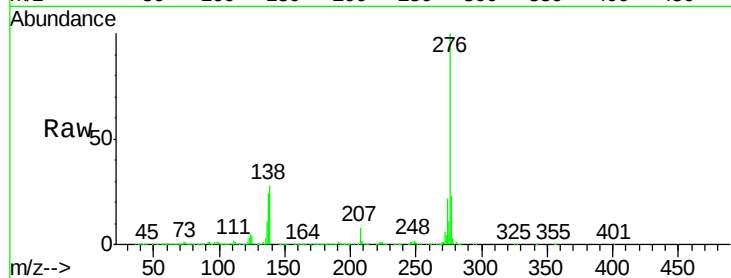
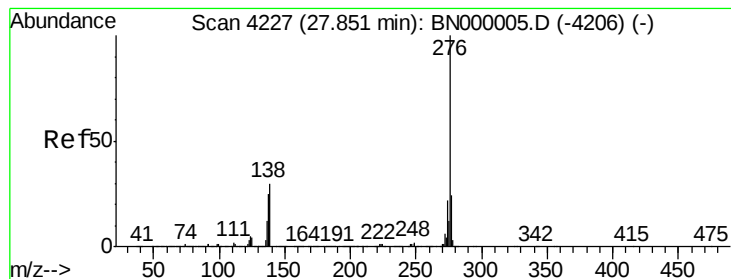
Sohil
2/7/2018 4:13:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.201 ng
RT: 27.02 min Scan# 4086
Delta R.T. -0.04 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	9.8	14.6
279	23.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 40.586 ng

RT: 27.80 min Scan# 4219

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 6980386

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 28.5 13.9 20.9#

Manual Integrations
APPROVED

Sohil
2/7/2018 4:13:37 PM

