

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000045.D
 Acq On : 07 Feb 2018 20:58
 Operator : JU/SJ
 Sample : MDL-S-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-07

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 13:54:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	337684	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1648612	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1038129	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2470510	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2744934	20.00	ng	0.00
86) Perylene-d12	24.42	264	2835739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	3388206	163.53	ng	0.00
7) Phenol-d6	7.59	99	4800491	152.95	ng	0.00
23) Nitrobenzene-d5	9.65	82	2420266	87.28	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1410865	137.30	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	6484647	88.04	ng	0.00
78) Terphenyl-d14	20.36	244	9729394	95.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	27882	3.344	ng	# 85
3) Pyridine	4.13	79	61151	2.356	ng	99
4) n-Nitrosodimethylamine	4.01	42	22820	3.109	ng	# 81
6) Aniline	7.78	93	120643	2.790	ng	91
8) 2-Chlorophenol	8.02	128	99827	4.120	ng	87
9) Benzaldehyde	7.59	77	77939	3.992	ng	98
10) Phenol	7.62	94	141080	4.258	ng	92
11) bis(2-Chloroethyl)ether	7.87	93	93390	3.427	ng	85
12) 1,3-Dichlorobenzene	8.36	146	91127	3.310	ng	97
13) 1,4-Dichlorobenzene	8.50	146	93611	3.330	ng	96
14) 1,2-Dichlorobenzene	8.83	146	92086	3.327	ng	98
15) Benzyl Alcohol	8.70	79	68131	3.020	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.00	45	95807	3.322	ng	77
17) 2-Methylphenol	8.90	107	79606	3.381	ng	90
18) Hexachloroethane	9.57	117	29143	2.978	ng	# 80
19) n-Nitroso-di-n-propylamine	9.27	70	55221	2.626	ng	# 84
20) 3+4-Methylphenols	9.22	107	101320	3.077	ng	93
22) Acetophenone	9.30	105	140466	3.041	ng	# 87
24) Nitrobenzene	9.69	77	113239	3.736	ng	# 91
25) Isophorone	10.21	82	163298	2.849	ng	96
26) 2-Nitrophenol	10.40	139	23443	8.797	ng	92
27) 2,4-Dimethylphenol	10.45	122	103258	4.155	ng	94
28) bis(2-Chloroethoxy)methane	10.69	93	128123	3.485	ng	98
29) 2,4-Dichlorophenol	10.94	162	67540	2.937	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	85423	3.226	ng	96
31) Naphthalene	11.36	128	304333	3.367	ng	99
32) Benzoic acid	10.48	122	14978m	11.176	ng	
33) 4-Chloroaniline	11.46	127	120441	3.033	ng	95
34) Hexachlorobutadiene	11.64	225	41587	3.028	ng	96
35) Caprolactam	12.17	113	18630	5.717	ng	92
36) 4-Chloro-3-methylphenol	12.53	107	82363	2.821	ng	98
37) 2-Methylnaphthalene	12.93	142	212959	3.386	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	97690	3.188	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	30927	2.421	ng	90

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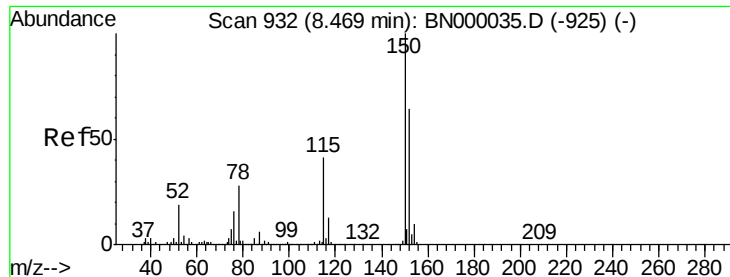
Manual Integrations
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 2/8/2018 3:37:37 PM

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 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	43552	2.371	nq	95
43) 2,4,5-Trichlorophenol	13.59	196	53513	2.424	nq #	90
45) 1,1'-Biphenyl	13.92	154	323964	3.543	nq	97
46) 2-Chloronaphthalene	13.97	162	225010	3.280	nq	97
47) 2-Nitroaniline	14.16	65	35928	6.482	nq	93
48) Acenaphthylene	14.80	152	321032	2.905	nq	96
49) Dimethylphthalate	14.52	163	273637	3.153	nq	99
50) 2,6-Dinitrotoluene	14.63	165	37651	2.102	nq	95
51) Acenaphthene	15.14	154	232059	3.225	nq	97
52) 3-Nitroaniline	14.96	138	44539	2.045	nq	91
53) 2,4-Dinitrophenol	15.16	184	7661	10.294	nq #	51
54) Dibenzofuran	15.47	168	371416	3.645	nq	96
55) 4-Nitrophenol	15.24	139	28632	6.481	nq	92
56) 2,4-Dinitrotoluene	15.41	165	44118	5.753	nq #	95
57) Fluorene	16.11	166	292044	3.510	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	43451m	2.494	nq	
59) Diethylphthalate	15.86	149	274786	3.116	nq	96
60) 4-Chlorophenyl-phenylether	16.10	204	136196	3.592	nq	92
61) 4-Nitroaniline	16.11	138	47660	2.130	nq	97
62) Azobenzene	16.39	77	269482	3.070	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	12682	9.595	nq	90
65) n-Nitrosodiphenylamine	16.30	169	245057	3.048	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	72702	3.095	nq #	88
67) Hexachlorobenzene	17.10	284	84476	3.079	nq #	86
68) Atrazine	17.23	200	62094	2.373	nq	93
69) Pentachlorophenol	17.43	266	27564	7.184	nq	91
70) Phenanthrene	17.84	178	512209	3.510	nq	97
71) Anthracene	17.93	178	448471	3.174	nq	97
72) Carbazole	18.19	167	434636	3.053	nq	97
73) Di-n-butylphthalate	18.72	149	341477	2.173	nq	98
74) Fluoranthene	19.82	202	503683	3.290	nq	94
76) Benzidine	19.98	184	101703	1.162	nq	98
77) Pyrene	20.17	202	549511	3.150	nq	99
79) Butylbenzylphthalate	21.03	149	120642	6.670	nq #	92
80) Benzo(a)anthracene	21.90	228	557156	3.302	nq	99
81) 3,3'-Dichlorobenzidine	21.83	252	139164	2.246	nq #	96
82) Chrysene	21.96	228	587572	3.495	nq	97
83) Bis(2-ethylhexyl)phthalate	21.80	149	183456	4.307	nq #	91
84) Di-n-octyl phthalate	22.77	149	271547	7.723	nq	98
85) Indeno(1,2,3-cd)pyrene	26.99	276	607022	2.939	nq #	86
87) Benzo(b)fluoranthene	23.66	252	518849	3.126	nq #	95
88) Benzo(k)fluoranthene	23.71	252	563748	3.372	nq #	95
89) Benzo(a)pyrene	24.31	252	482594	3.032	nq #	94
90) Dibenzo(a,h)anthracene	27.00	278	515224	3.095	nq #	89
91) Benzo(g,h,i)perylene	27.77	276	510599	3.034	nq #	89

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



#1

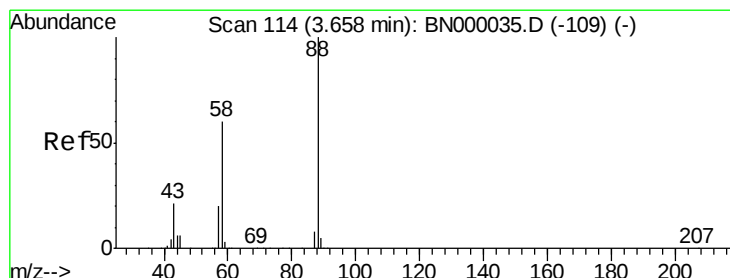
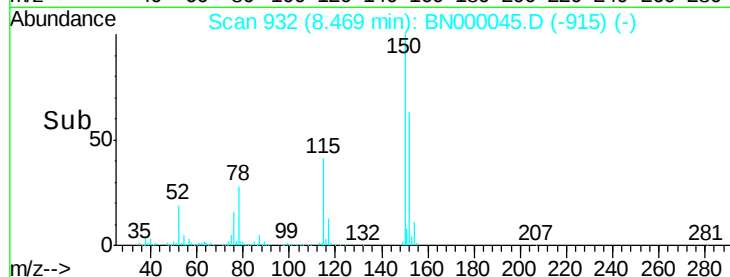
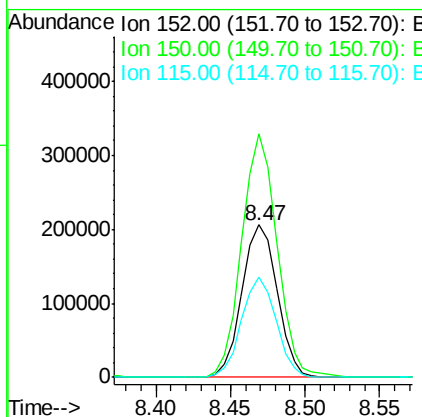
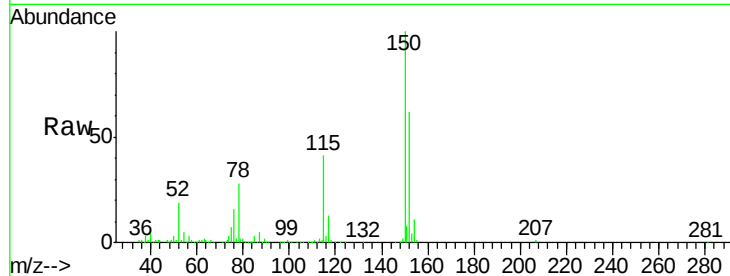
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	65.6	53.0	79.4

Manual Integrations
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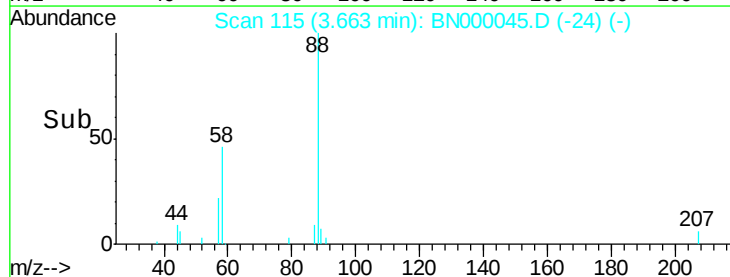
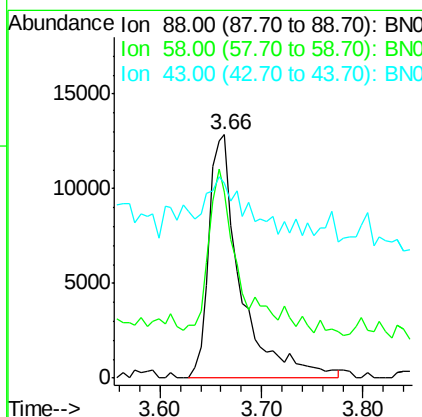
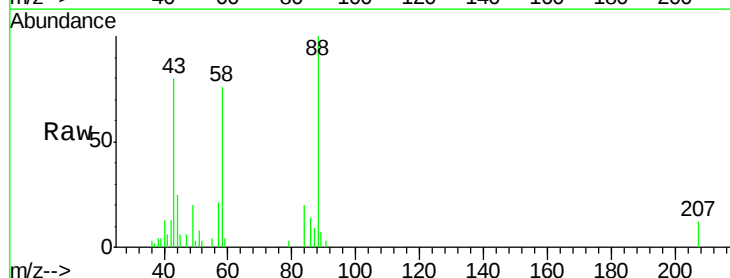
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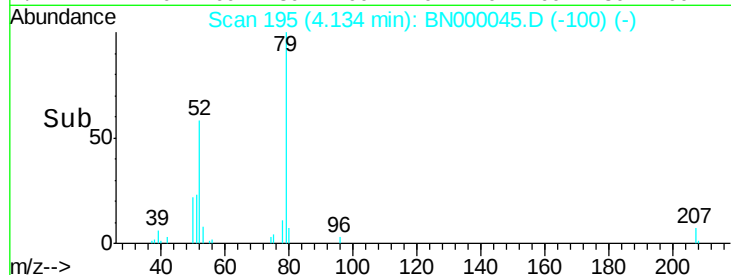
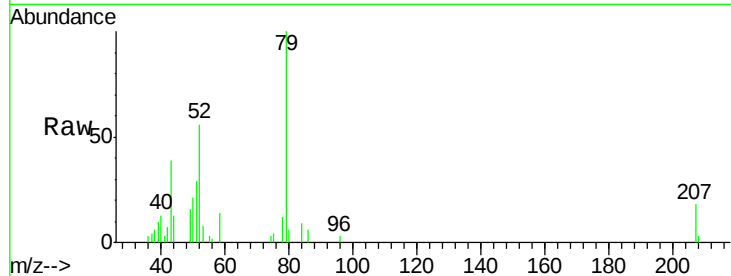
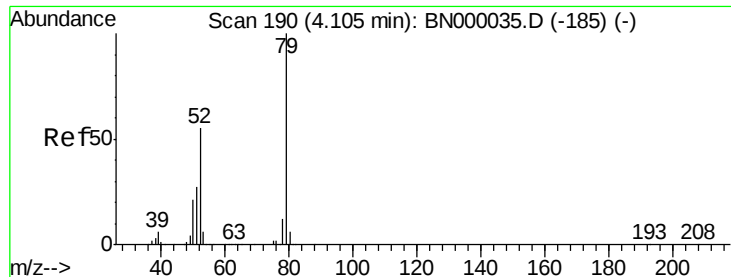


#2

1,4-Dioxane
Concen: 3.344 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	49.8	52.0	78.0#
43	27.4	20.0	30.0





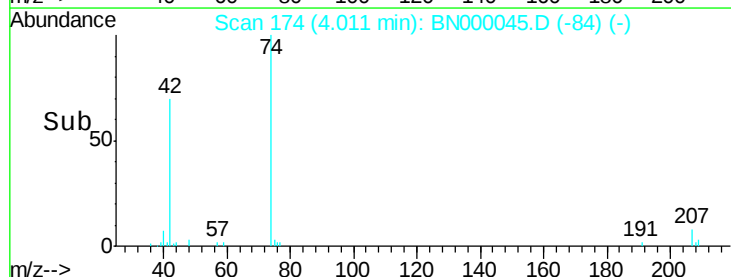
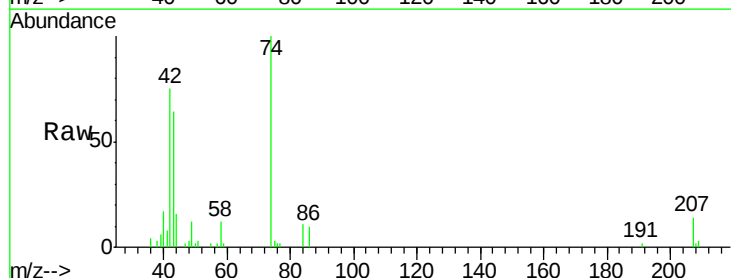
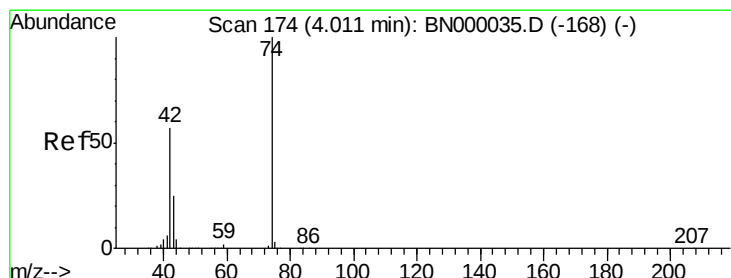
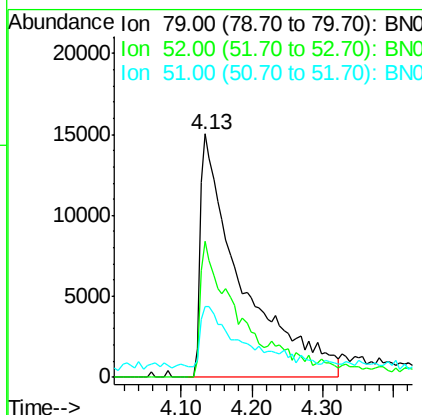
#3
 Pvridine
 Concen: 2.356 ng
 RT: 4.13 min Scan# 195
 Delta R.T. 0.03 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.8	44.0	66.0
51	29.2	24.0	36.0

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-07

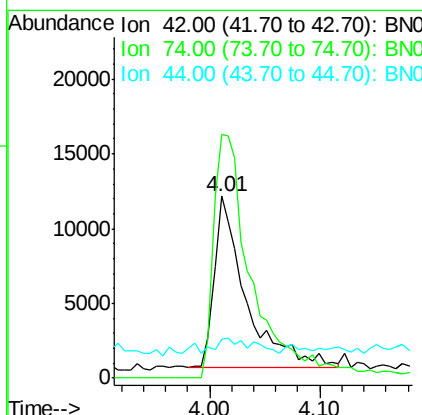
Manual Integrations
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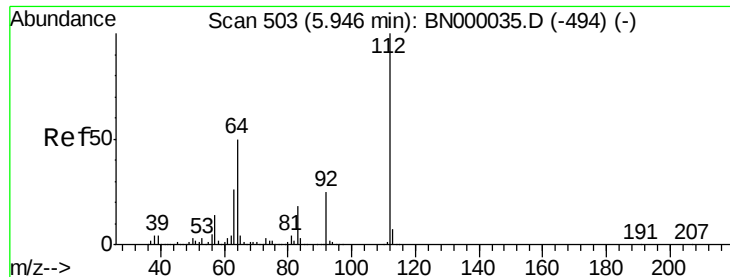
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#4
 n-Nitrosodimethylamine
 Concen: 3.109 ng
 RT: 4.01 min Scan# 174
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.8	128.0	192.0
44	21.4	12.0	18.0





#5

2-Fluorophenol

Concen: 163.525 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

ClientSampled :

MDL-S-07

Tot Ion:112 Resp: 3388206

Ion Ratio Lower Upper

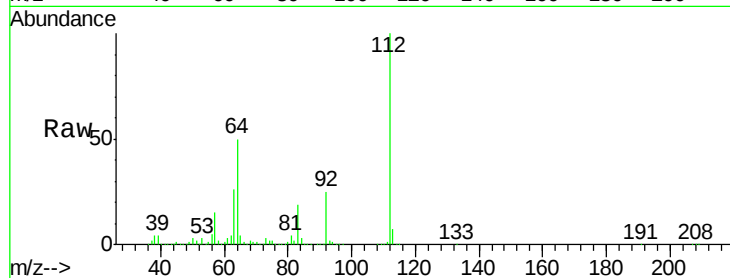
112 100

64 50.3 56.3 84.5#

63 25.7 30.1 45.1#

Manual Integrations
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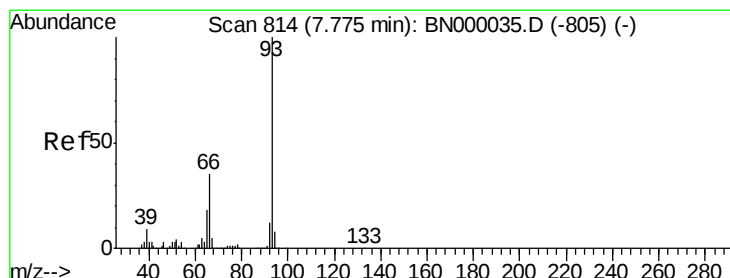
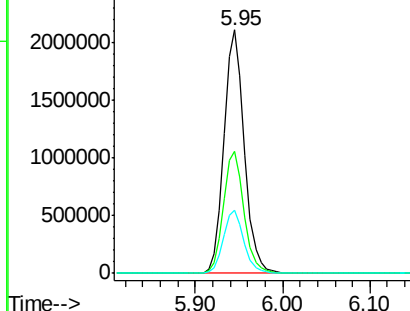
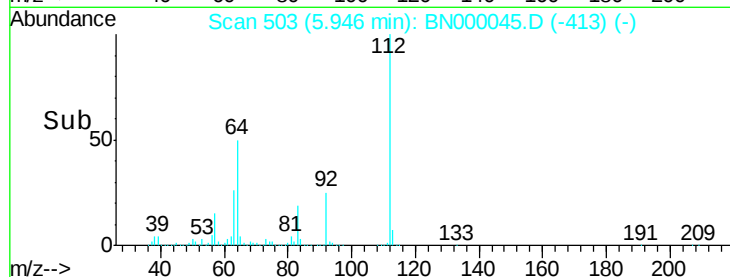
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 2.790 ng

RT: 7.78 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

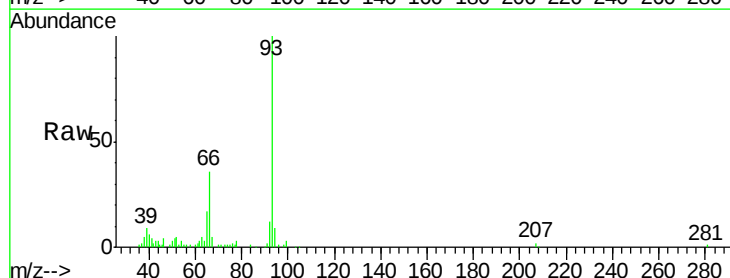
Tgt Ion: 93 Resp: 120643

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

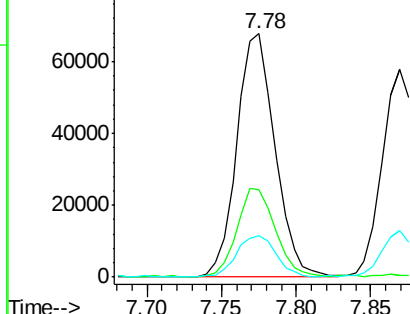
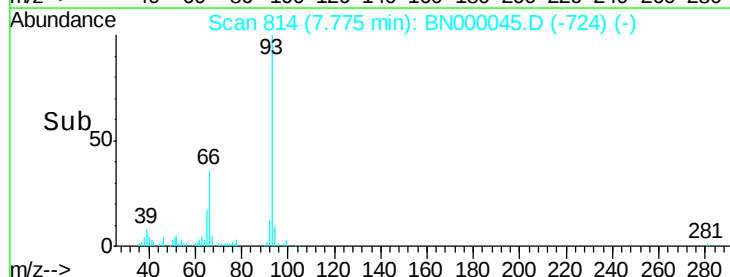
65 17.0 16.1 24.1

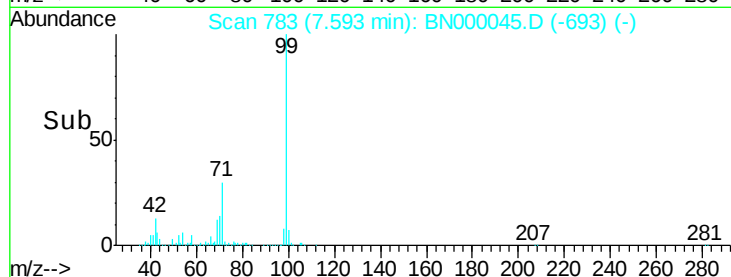
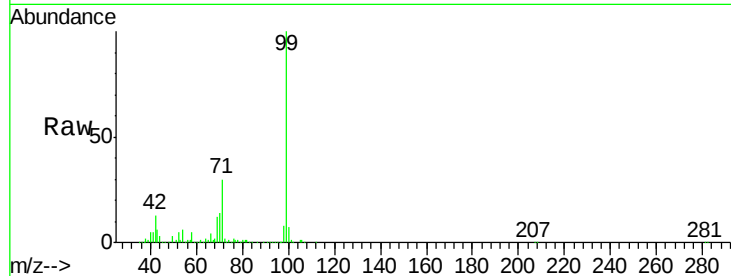
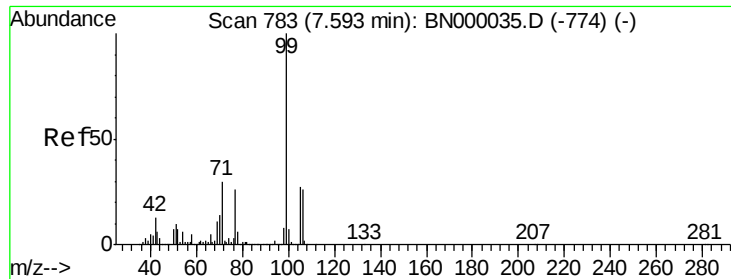


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 152.953 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tot Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	30.0	26.1	39.1

Instrument :

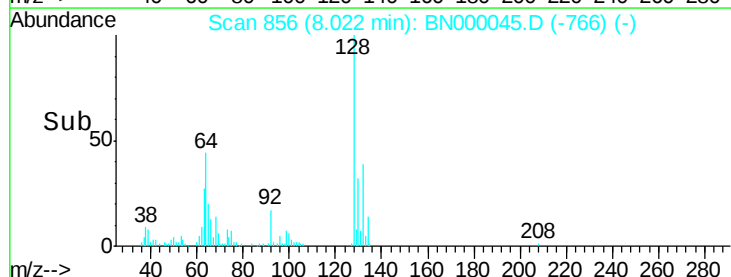
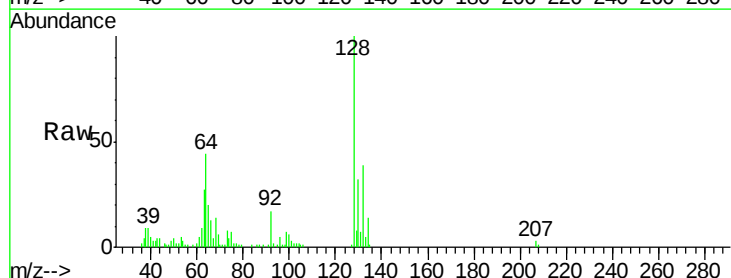
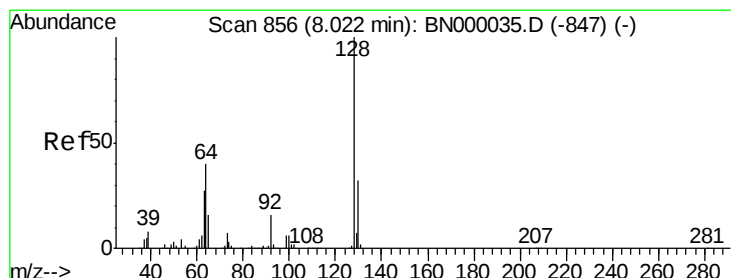
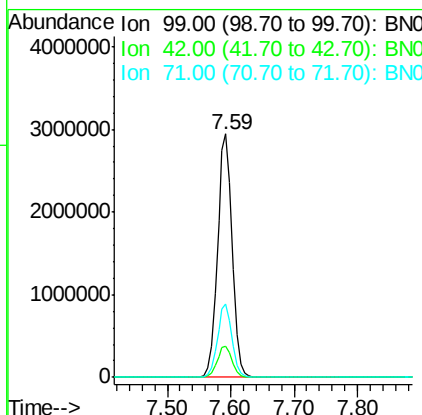
BNA_N

ClientSampleId :

MDL-S-07

Manual Integrations
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#8

2-Chlorophenol

Concen: 4.120 ng

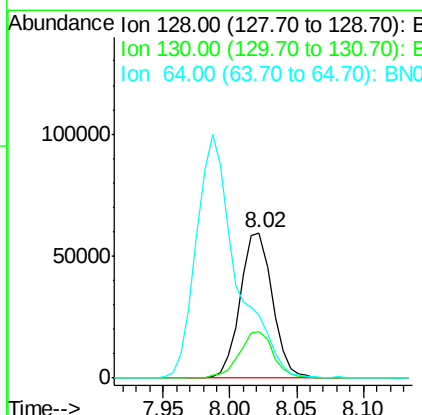
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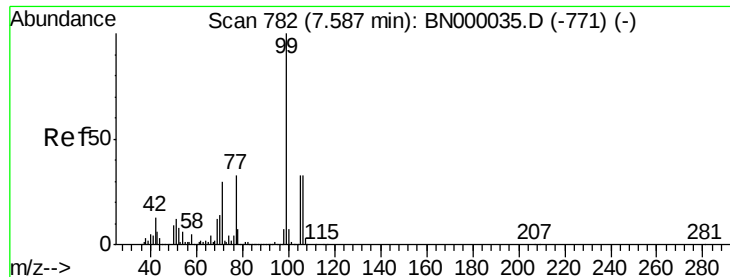
Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.4	14.0	54.0
64	43.7	37.7	77.7





#9

Benzaldehyde

Concen: 3.992 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

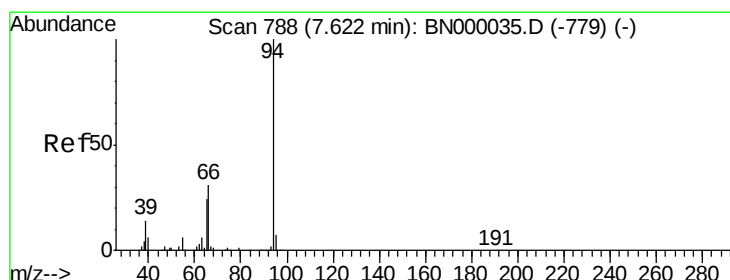
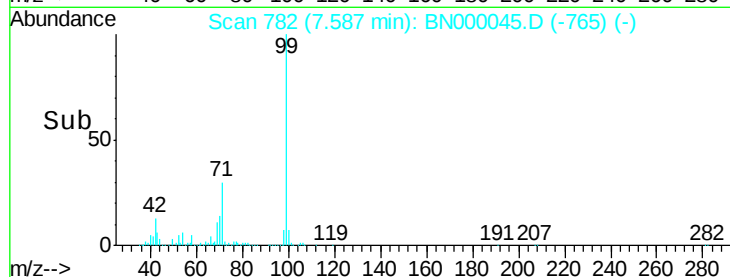
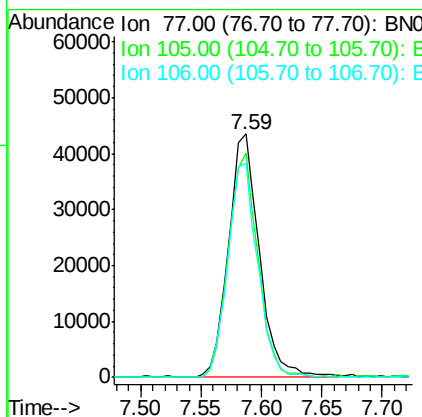
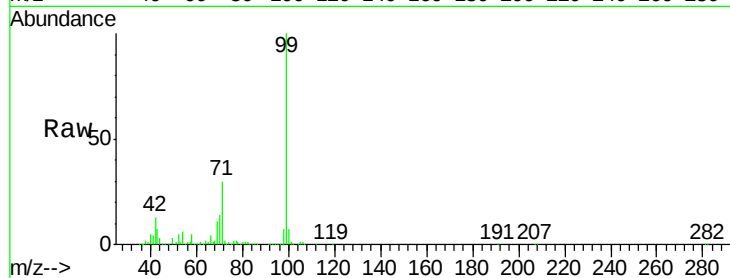
ClientSampled :

MDL-S-07

Tot Ion:	77	Resp:	77939
Ion	Ratio	Lower	Upper
77	100		
105	91.9	71.3	111.3
106	87.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 4.258 ng

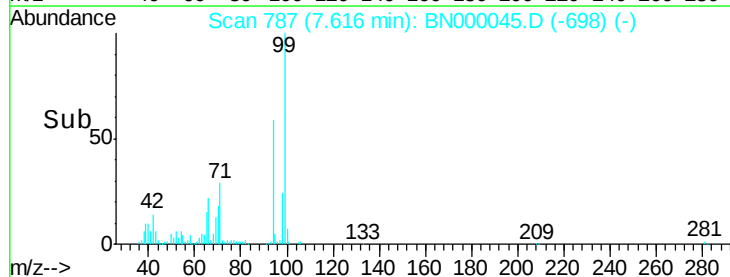
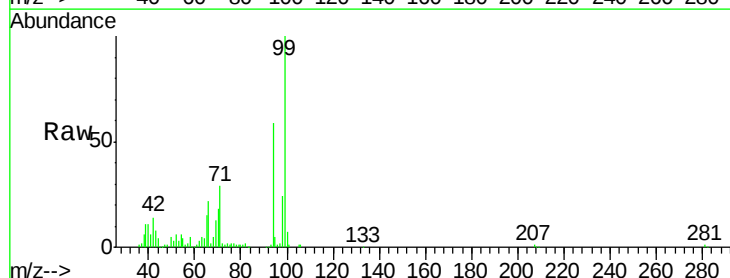
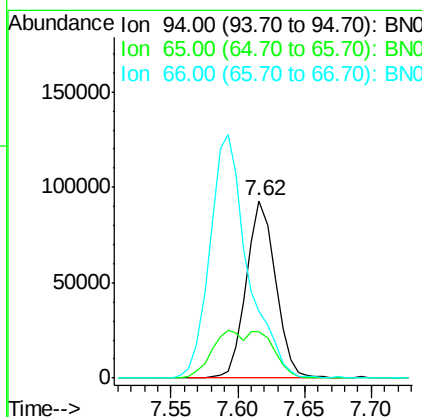
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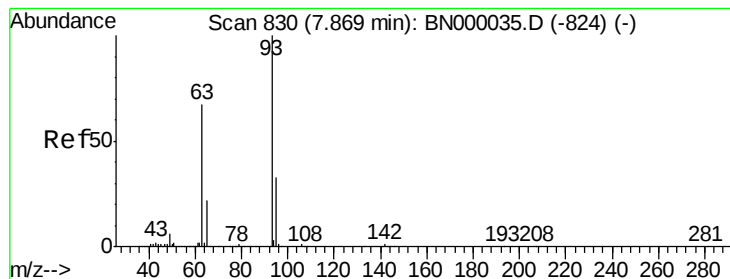
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	94	Resp:	141080
Ion	Ratio	Lower	Upper
94	100		
65	26.2	11.9	51.9
66	37.7	22.2	62.2





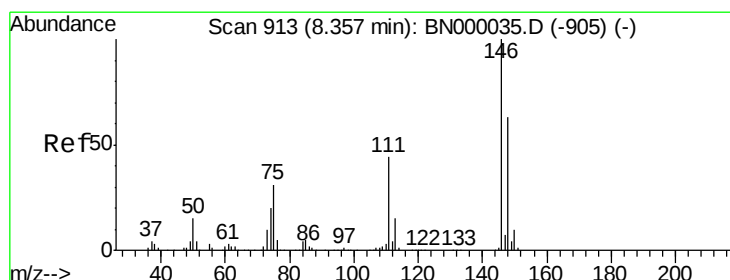
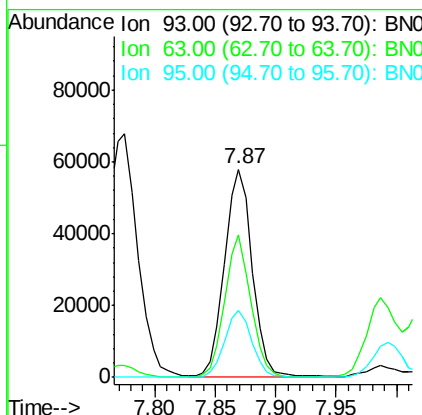
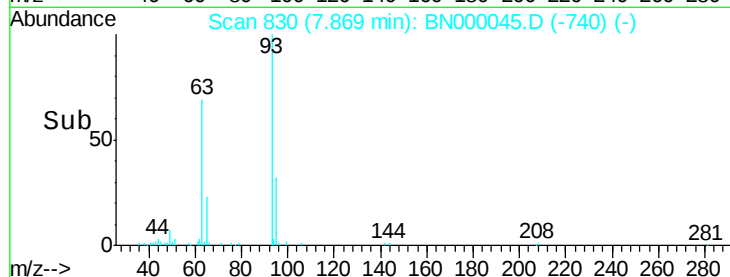
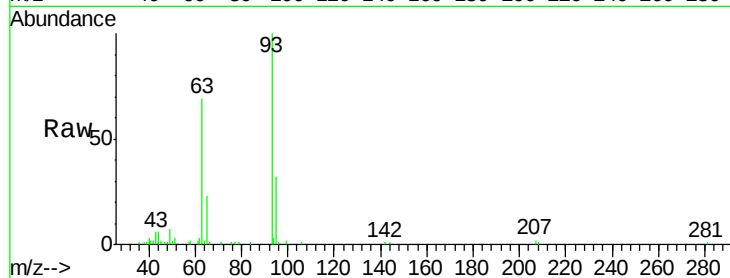
#11
bis(2-Chloroethyl)ether
Concen: 3.427 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.7	67.1	107.1
95	32.5	11.5	51.5

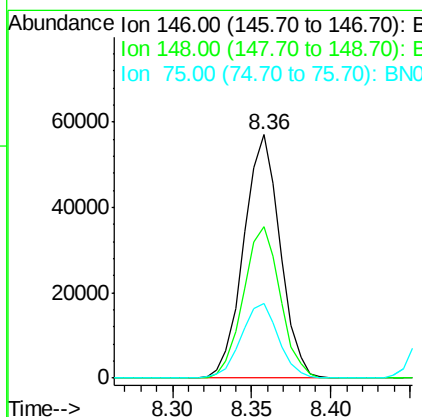
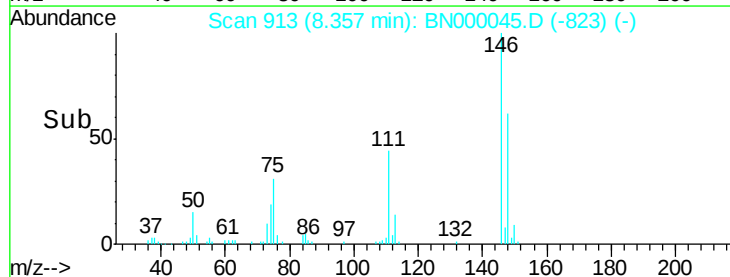
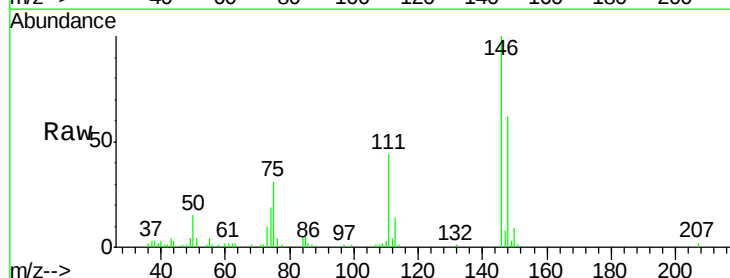
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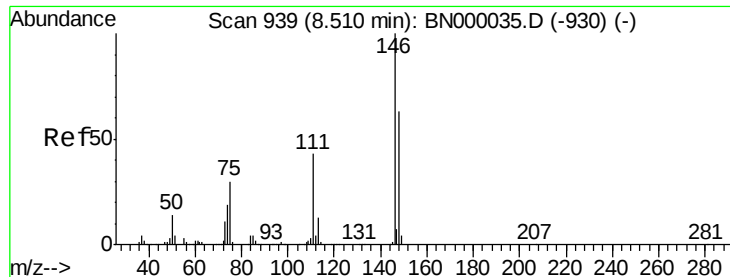
Sohil
2/8/2018 3:37:37 PM



#12
1,3-Dichlorobenzene
Concen: 3.310 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.2
75	30.7	26.6	39.8





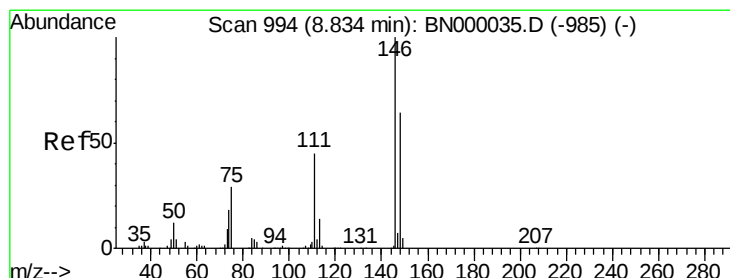
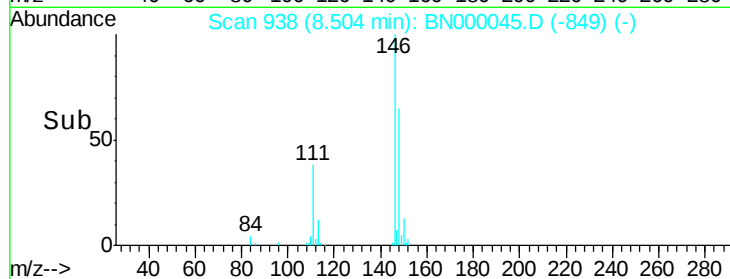
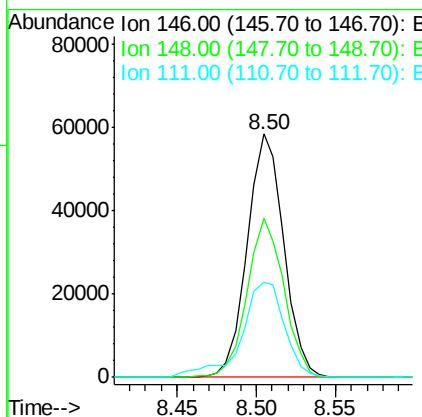
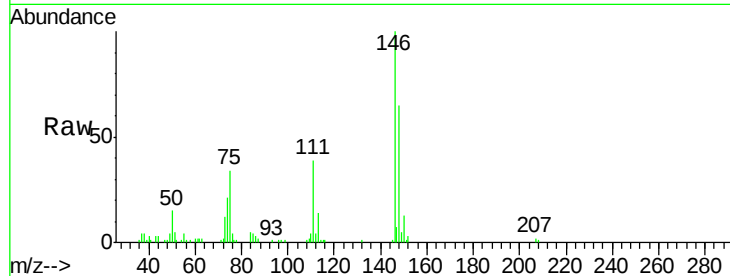
#13
1,4-Dichlorobenzene
Concen: 3.330 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.7	80.5
111	39.0	35.2	52.8

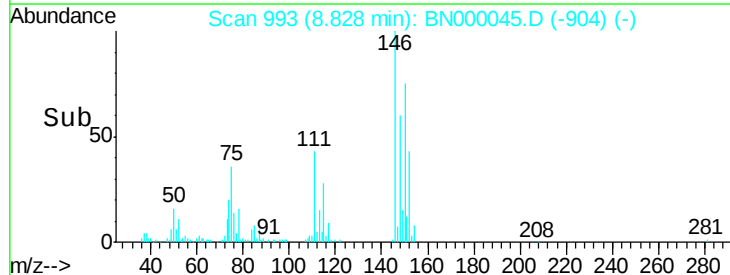
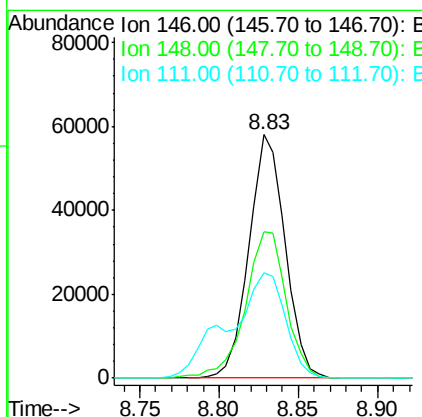
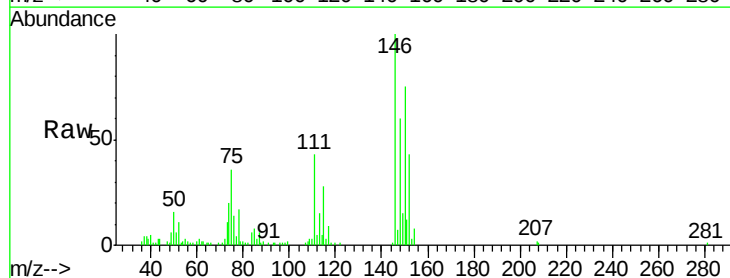
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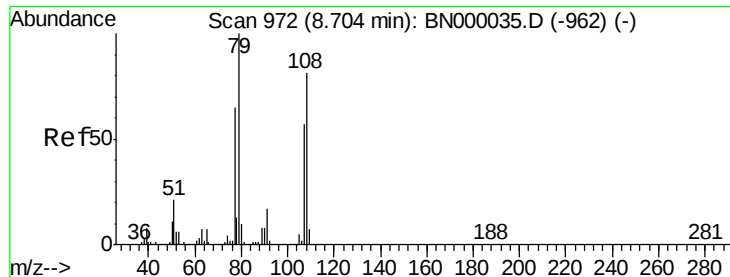
Sohil
2/8/2018 3:37:37 PM



#14
1,2-Dichlorobenzene
Concen: 3.327 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	49.3	73.9
111	43.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 3.020 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

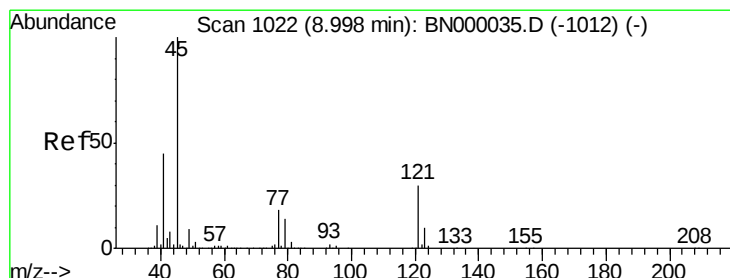
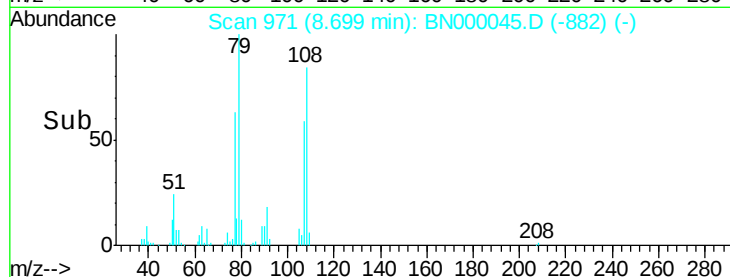
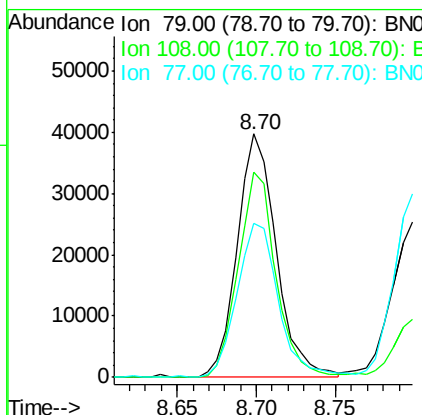
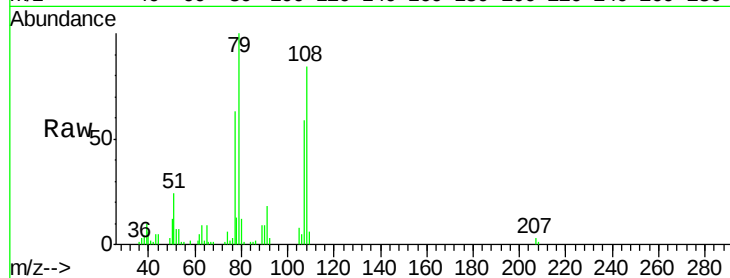
ClientSampled :

MDL-S-07

Tot Ion:	79	Resp:	68131
Ion Ratio	Lower	Upper	
79	100		
108	84.1	57.2	85.8
77	63.3	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.322 ng

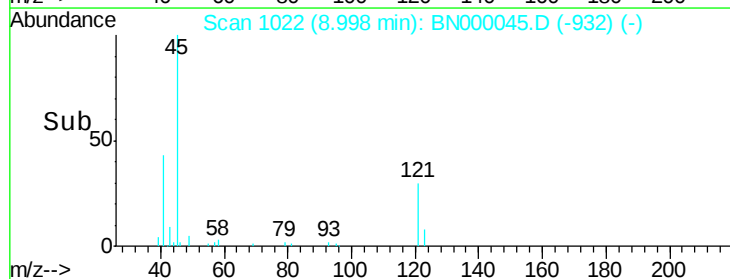
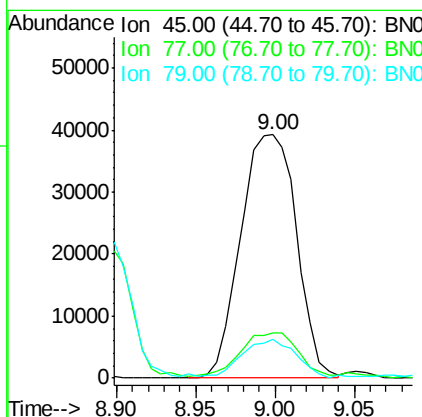
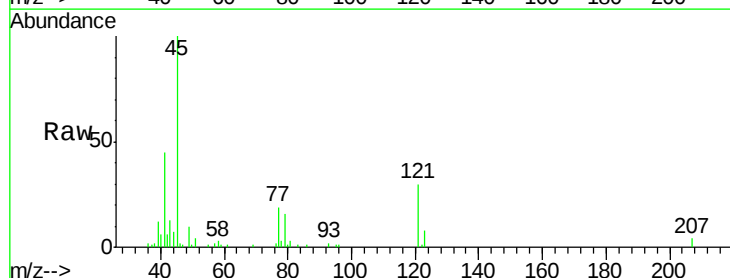
RT: 9.00 min Scan# 1022

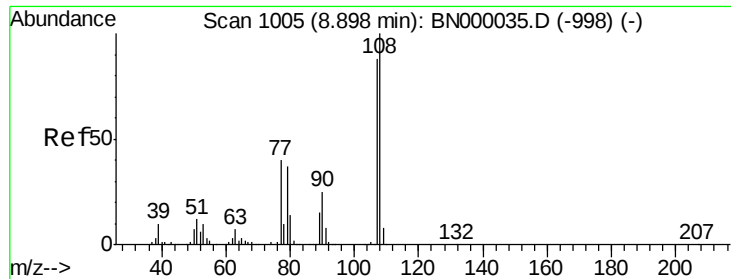
Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	45	Resp:	95807
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	30.2
79	16.0	0.0	27.9





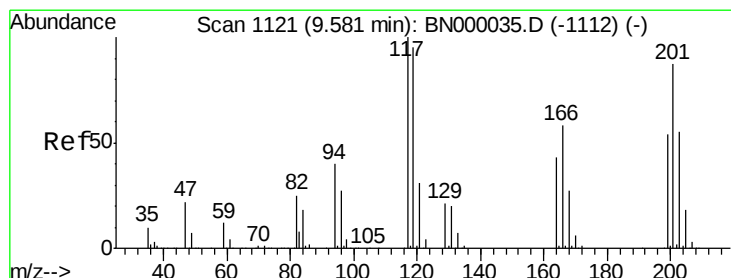
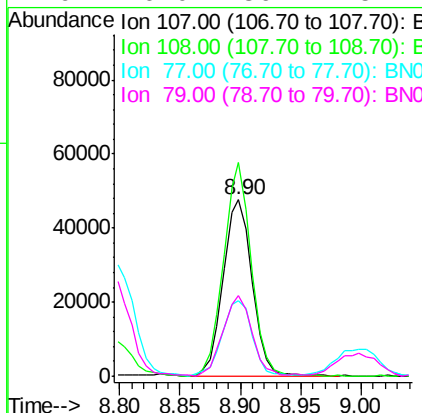
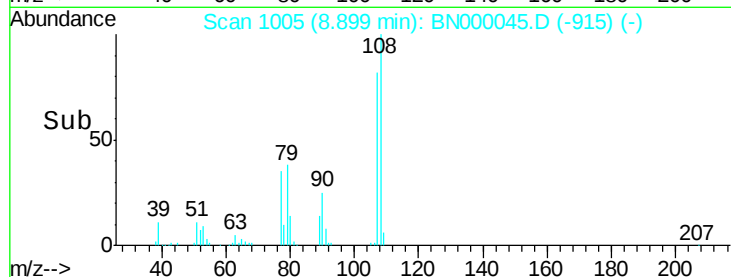
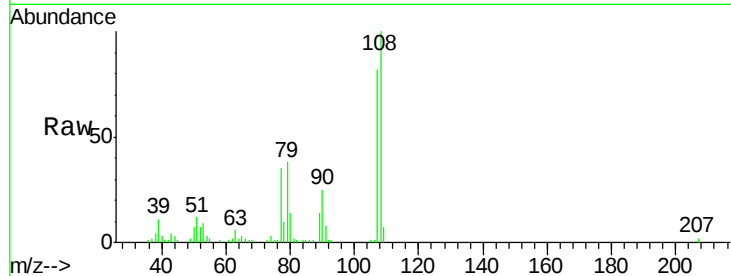
#17
2-Methylphenol
Concen: 3.381 ng
RT: 8.90 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	107	Resp	79606
Ion Ratio	Lower	Upper	
107	100		
108	121.3	83.9	125.9
77	43.0	37.2	55.8
79	46.0	36.2	54.2

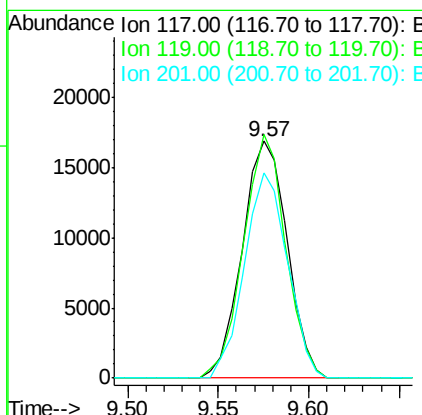
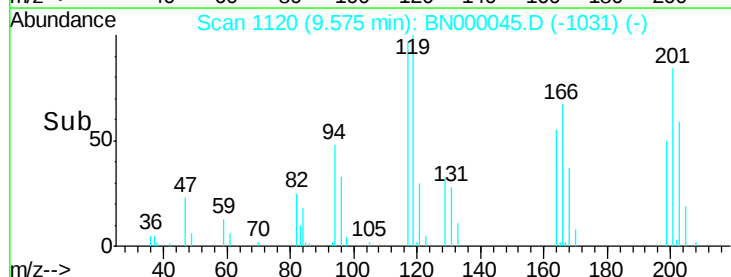
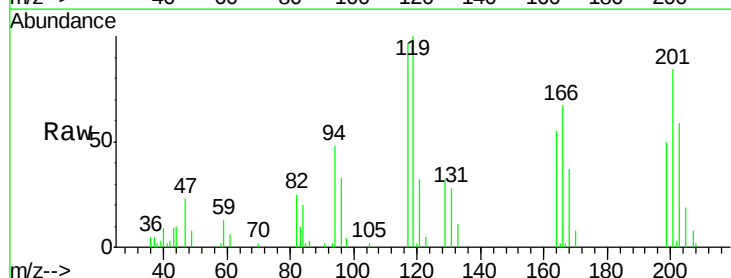
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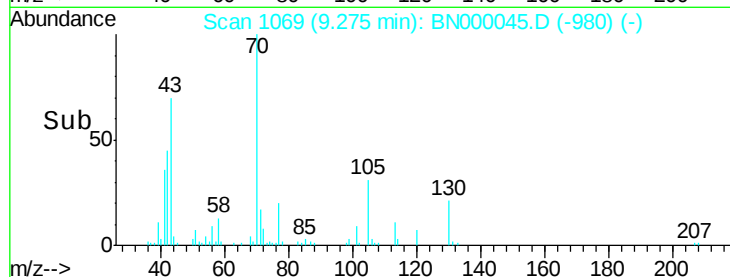
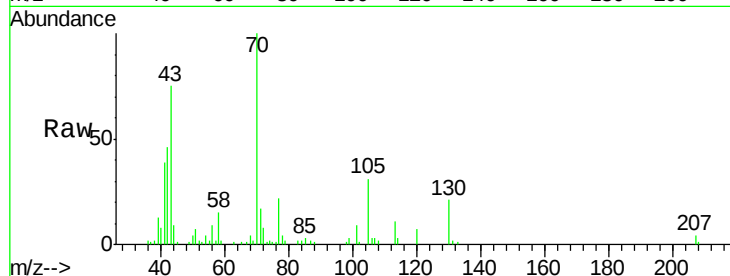
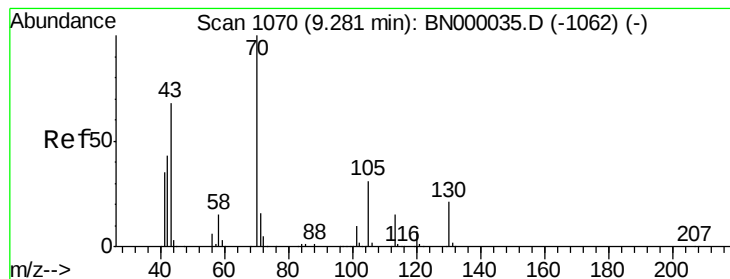
Sohil
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#18
Hexachloroethane
Concen: 2.978 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	117	Resp	29143
Ion Ratio	Lower	Upper	
117	100		
119	102.7	76.7	115.1
201	86.6	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 2.626 ng

RT: 9.27 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-07

Tot Ion: 70 Resp: 55221

Ion Ratio Lower Upper

70 100

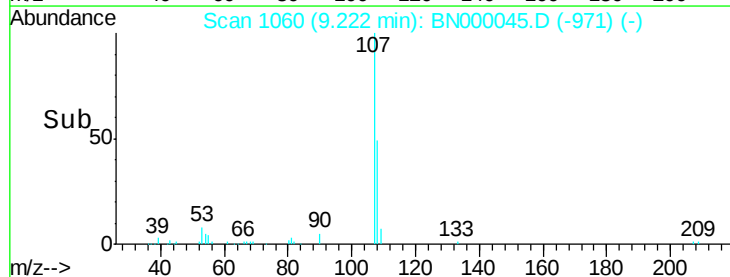
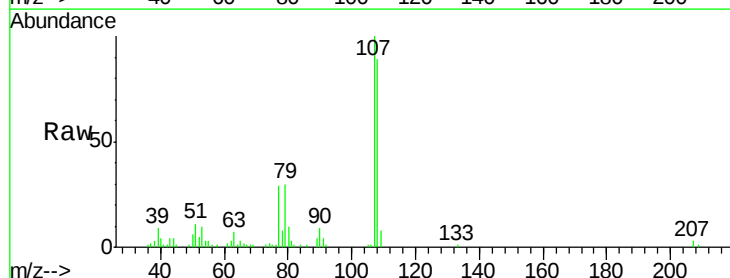
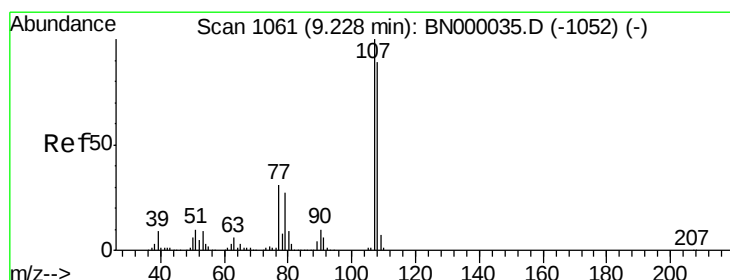
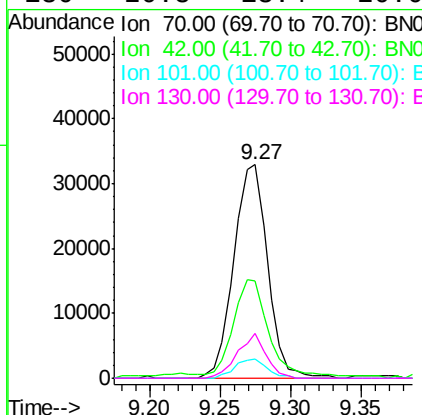
42 45.7 49.1 73.7#

101 9.0 8.5 12.7

130 20.8 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 3.077 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion: 107 Resp: 101320

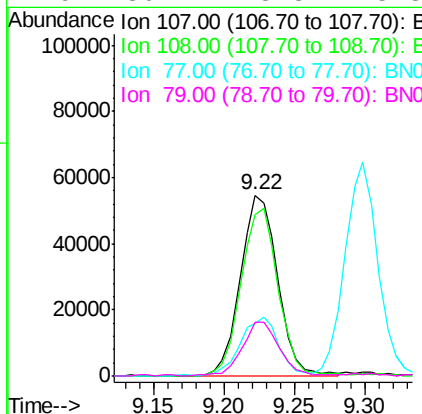
Ion Ratio Lower Upper

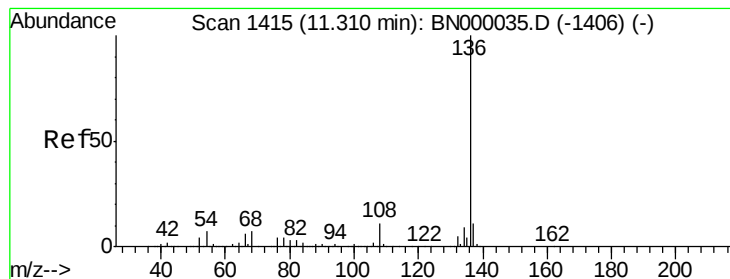
107 100

108 89.5 61.6 101.6

77 29.4 13.9 53.9

79 30.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-07

Tot Ion:136 Resp: 1648612

Ion Ratio Lower Upper

136 100

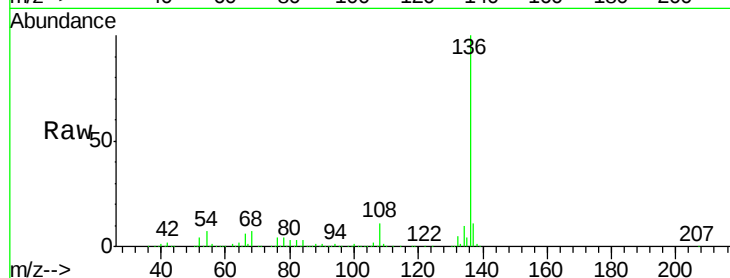
137 11.0 9.2 13.8

54 7.1 10.3 15.5#

68 6.6 4.5 6.7

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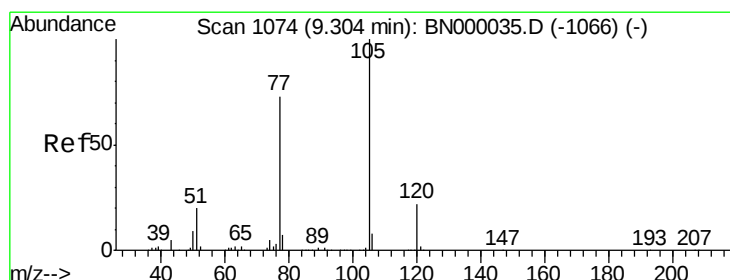
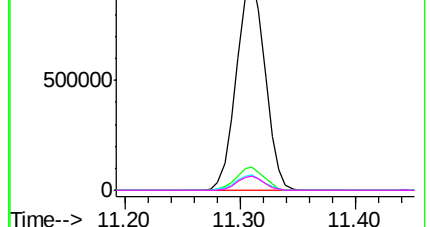
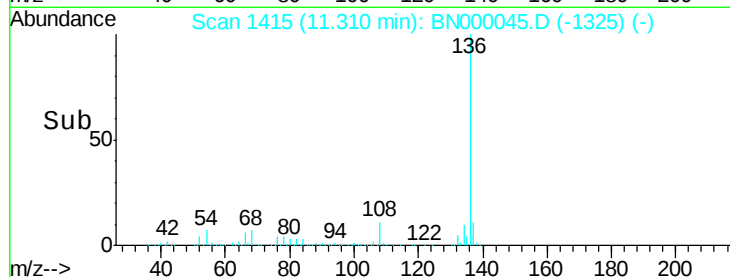


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 3.041 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:105 Resp: 140466

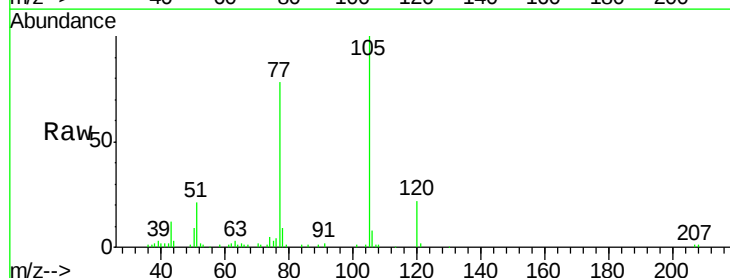
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 20.9 26.1 39.1#

120 22.2 17.4 26.2

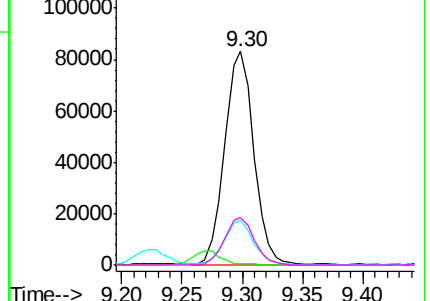
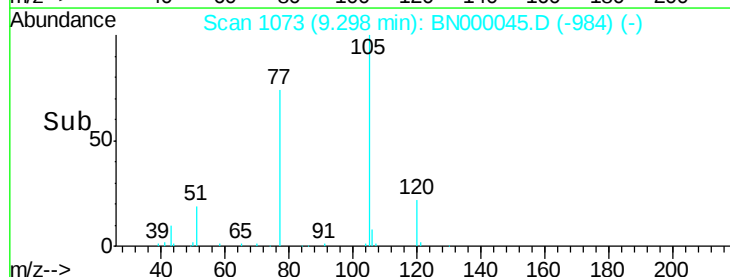


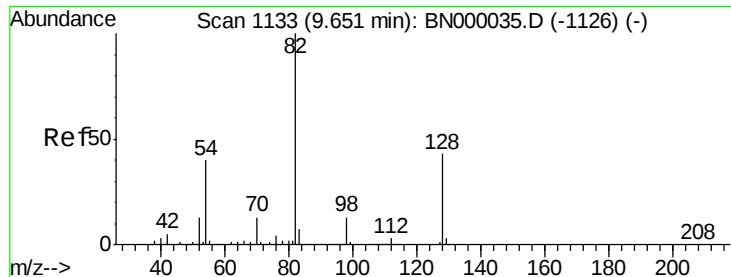
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





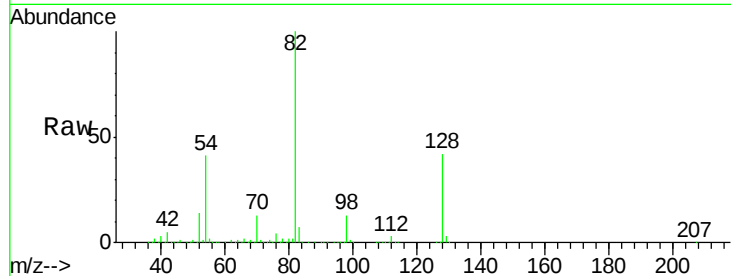
#23
Nitrobenzene-d5
Concen: 87.285 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

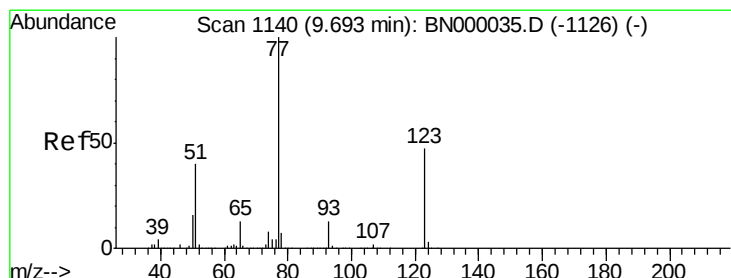
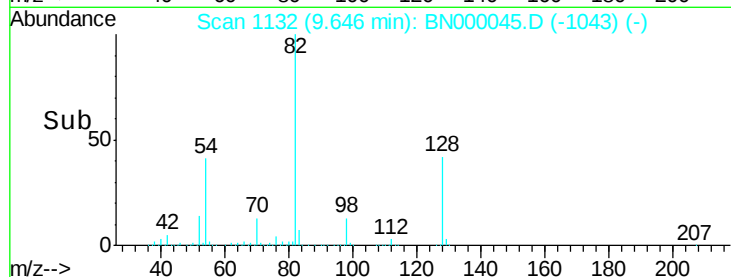
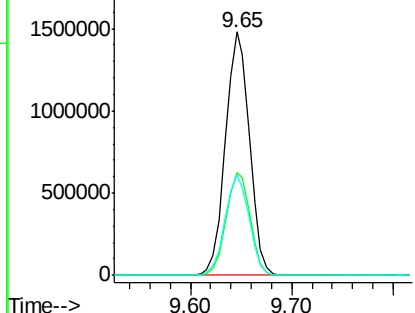
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	41.3	43.1	64.7#

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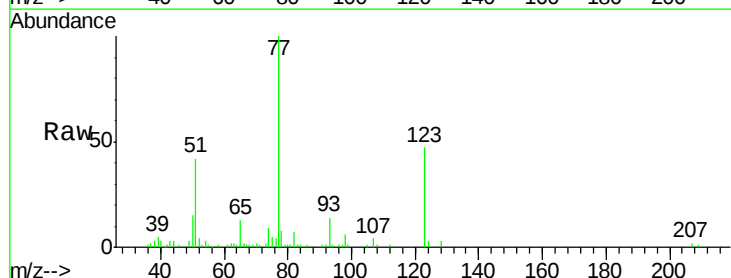


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

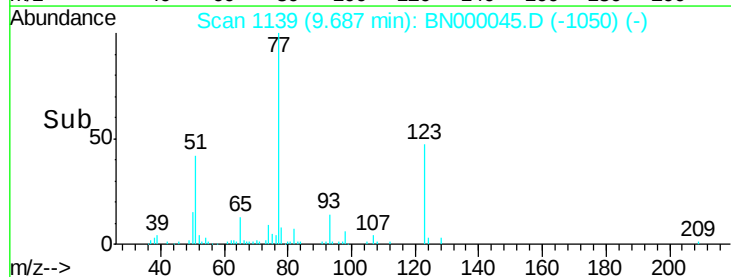
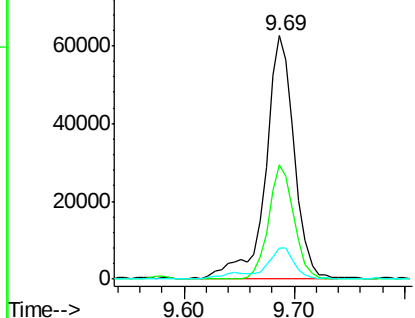


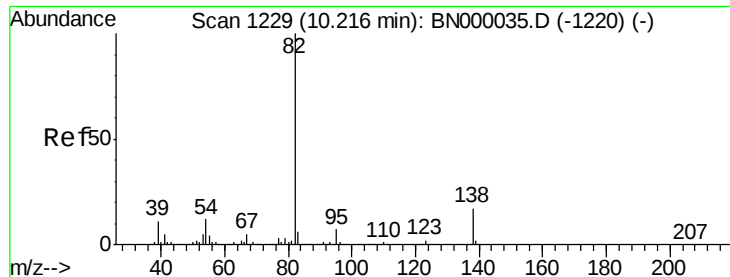
#24
Nitrobenzene
Concen: 3.736 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	33.0	49.6
65	12.8	13.0	19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 2.849 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

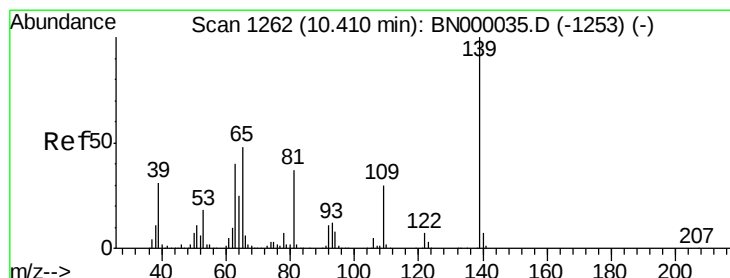
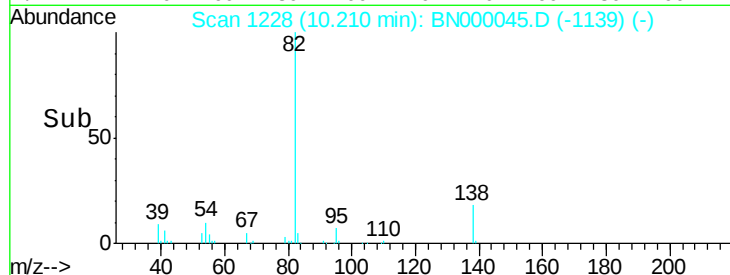
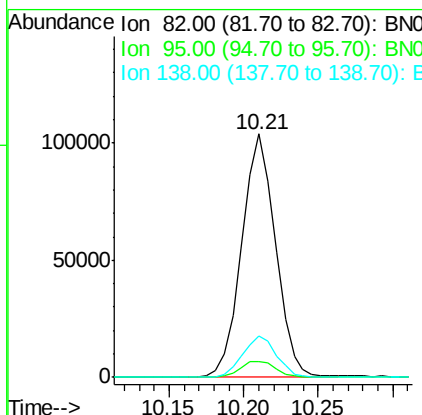
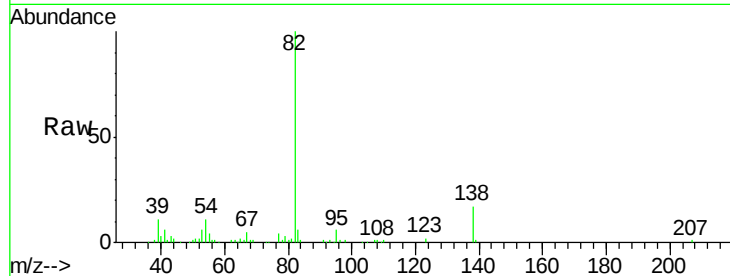
ClientSampleId :

MDL-S-07

Tot Ion:	82	Resp:	163298
Ion Ratio	Lower	Upper	
82	100		
95	6.2	6.2	9.2
138	16.9	12.1	18.1

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#26

2-Nitrophenol

Concen: 8.797 ng

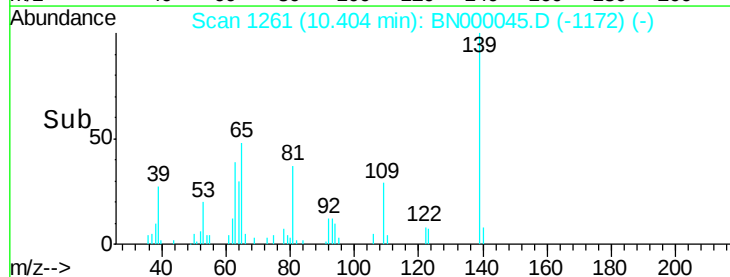
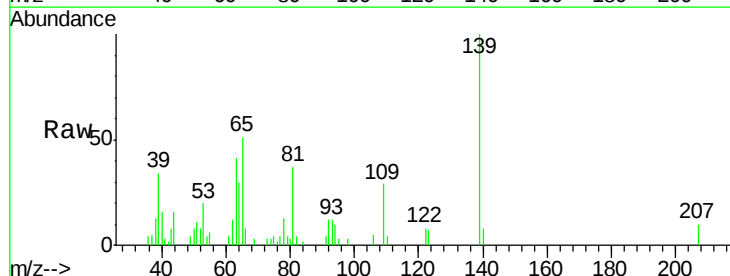
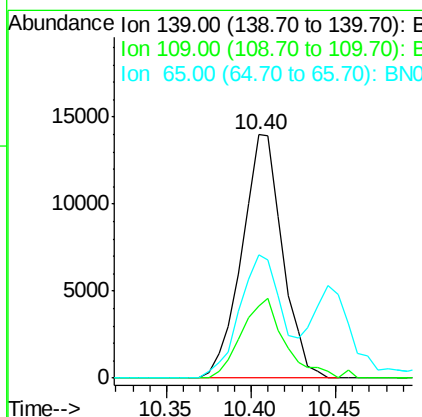
RT: 10.40 min Scan# 1261

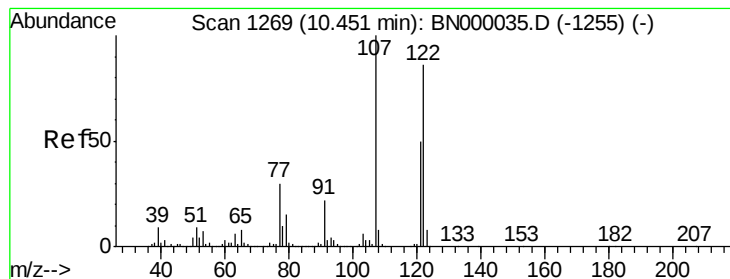
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	139	Resp:	23443
Ion Ratio	Lower	Upper	
139	100		
109	29.5	24.2	36.2
65	50.7	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 4.155 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

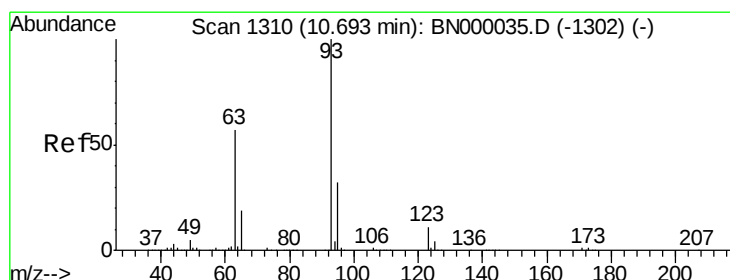
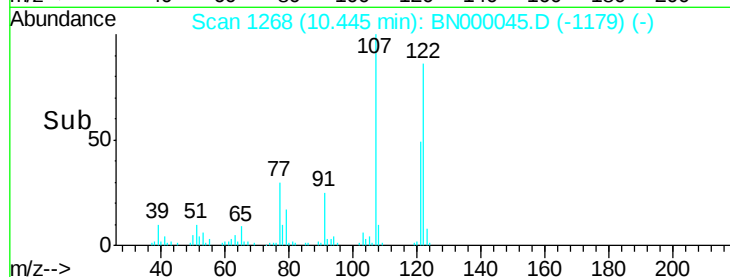
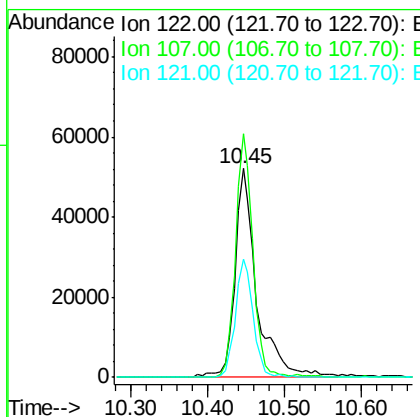
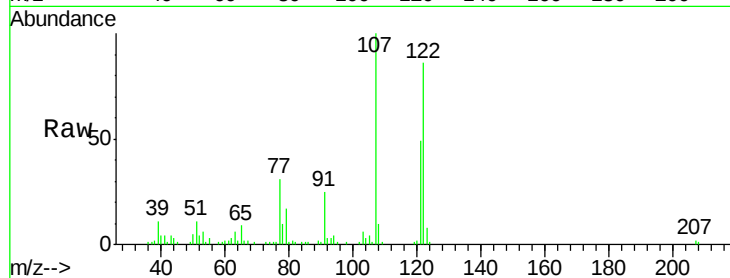
ClientSampled :

MDL-S-07

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	100.2	150.2
121	56.8	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 3.485 ng

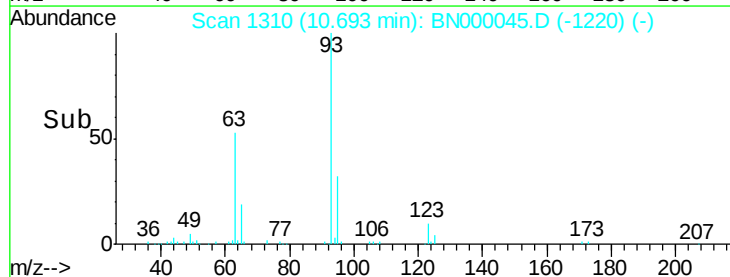
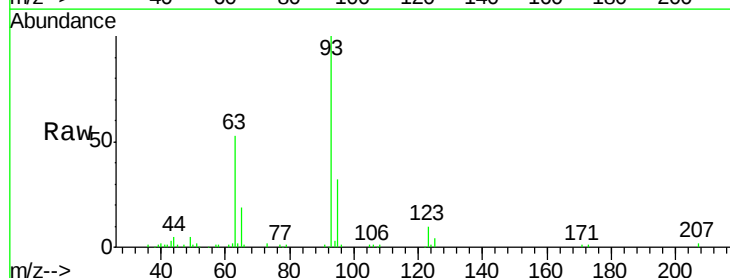
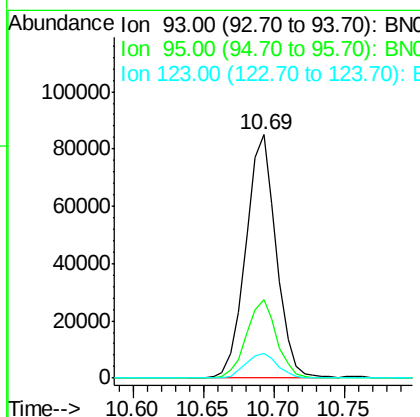
RT: 10.69 min Scan# 1310

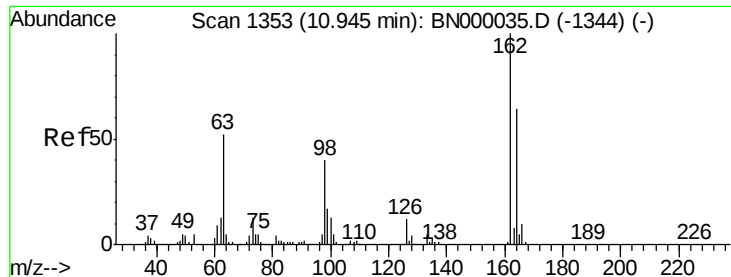
Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	10.3	8.4	12.6





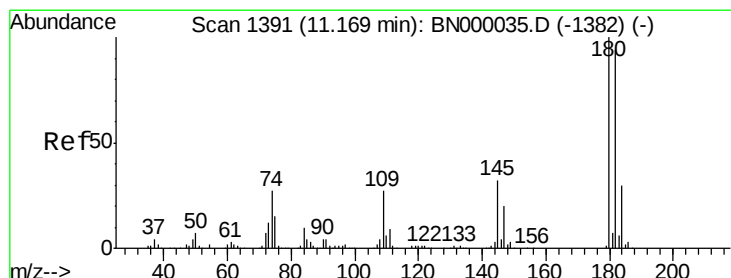
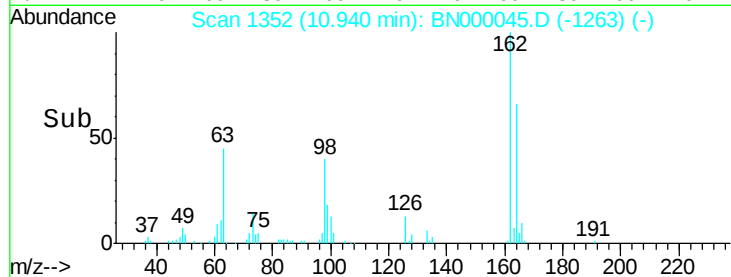
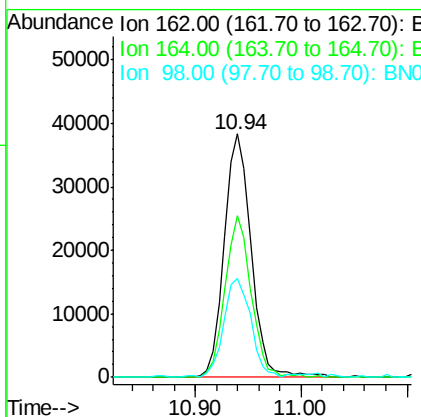
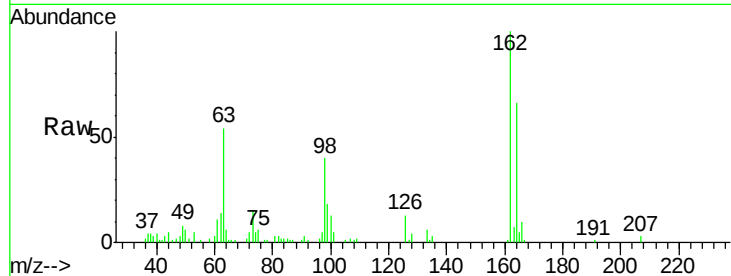
#29
2,4-Dichlorophenol
Concen: 2.937 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.0	88.0
98	40.4	21.1	61.1

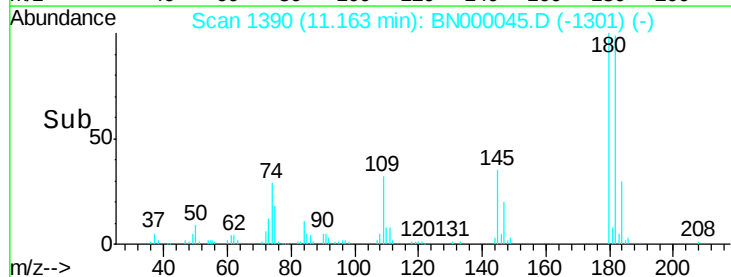
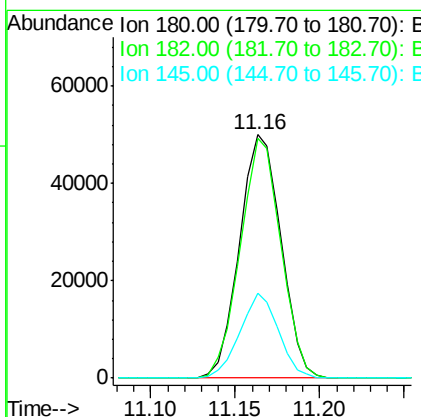
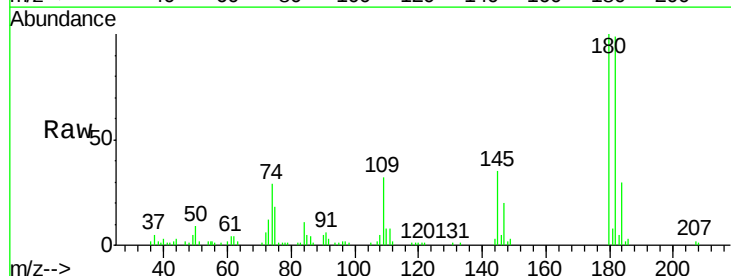
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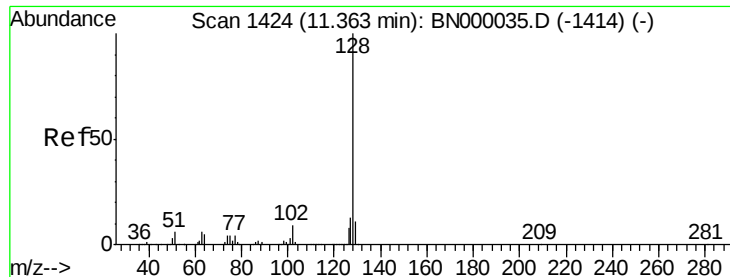
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#30
1,2,4-Trichlorobenzene
Concen: 3.226 ng
RT: 11.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.5	116.3
145	35.1	23.4	35.2





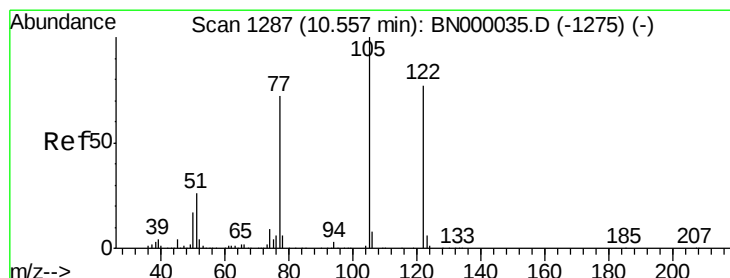
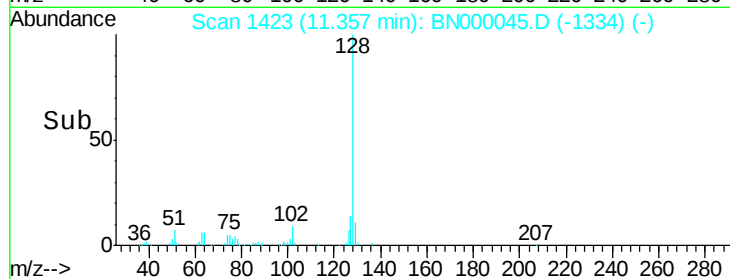
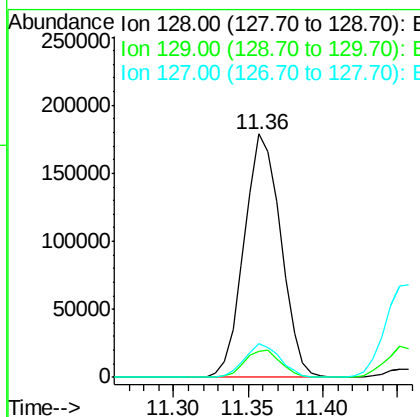
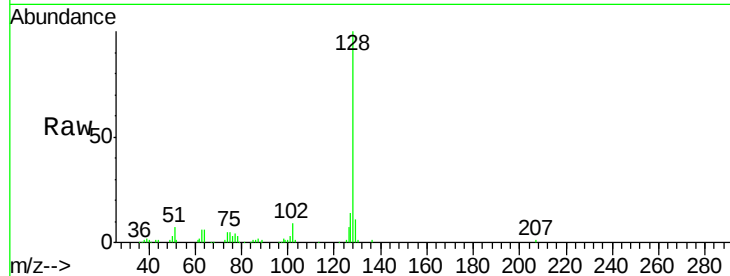
#31
Naphthalene
Concen: 3.367 ng
RT: 11.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.7	11.6	17.4

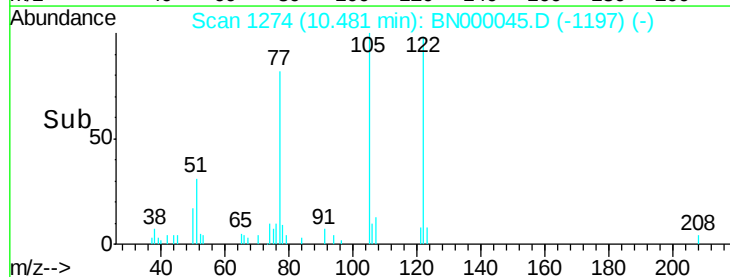
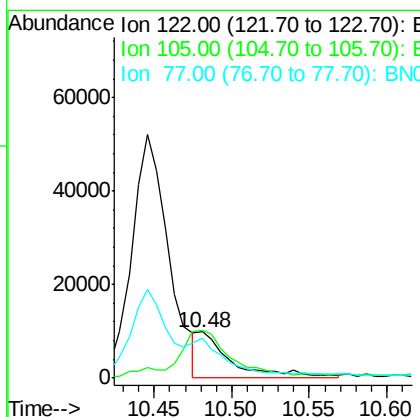
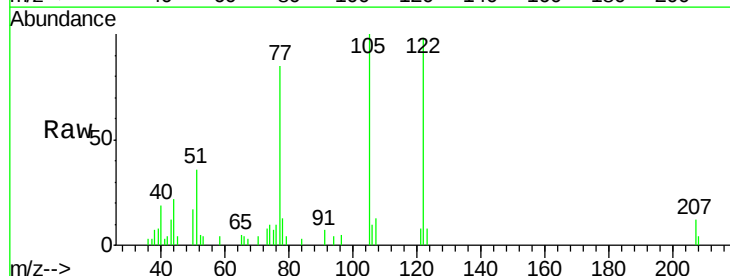
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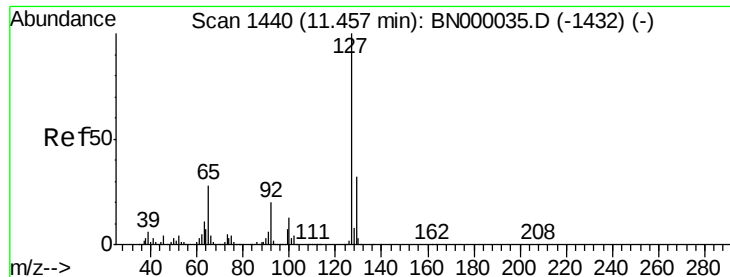
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#32
Benzoic acid
Concen: 11.176 ng m
RT: 10.48 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	102.3	123.5	163.5#
77	87.3	85.7	125.7





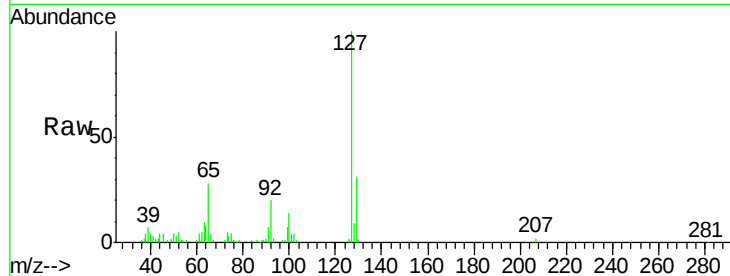
#33
4-Chloroaniline
Concen: 3.033 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

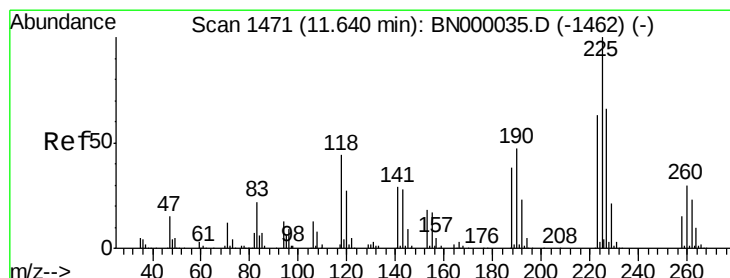
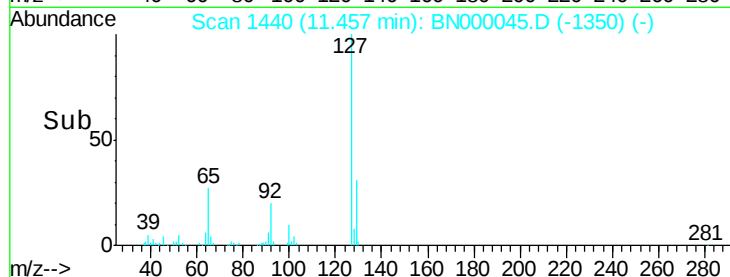
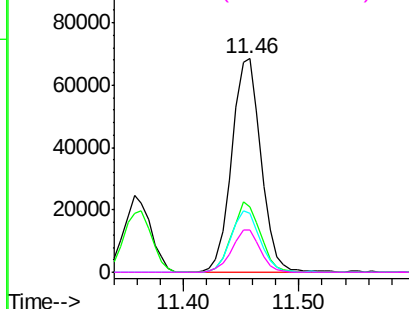
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	24.0	36.0		
65	27.8	27.0	40.4		
92	19.7	16.6	25.0		

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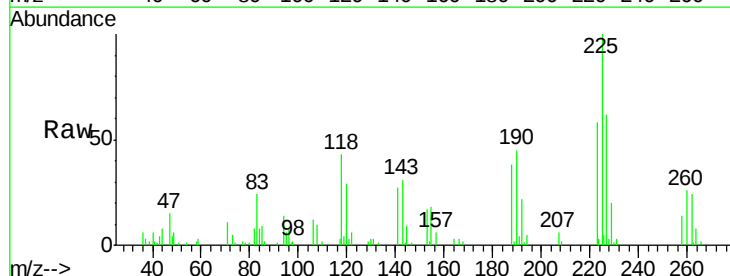


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

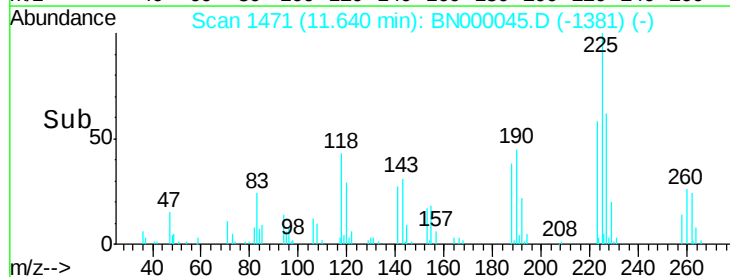
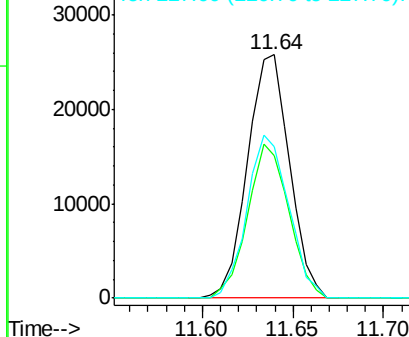


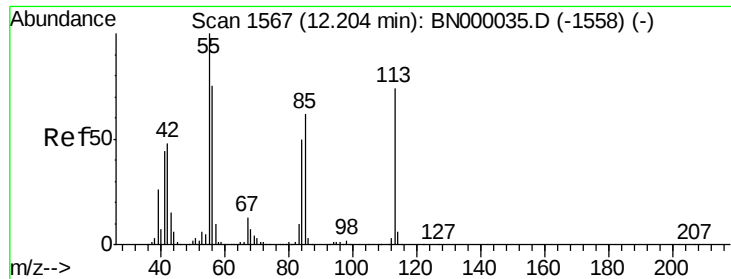
#34
Hexachlorobutadiene
Concen: 3.028 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.5	49.7	74.5		
227	62.1	48.1	72.1		



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





#35

Caprolactam

Concen: 5.717 ng

RT: 12.17 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

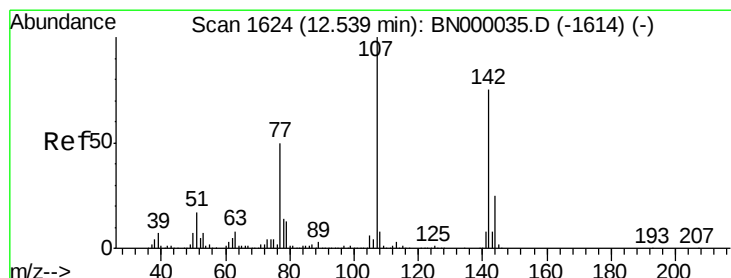
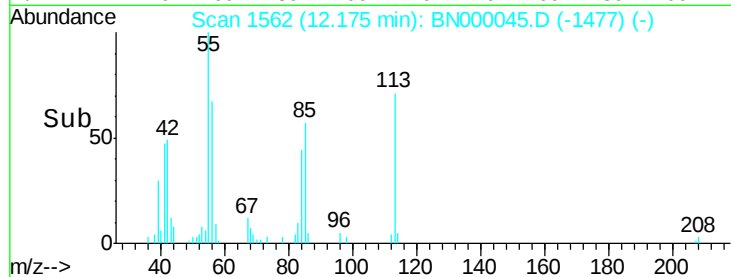
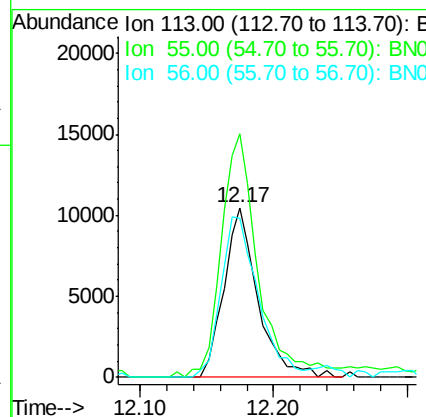
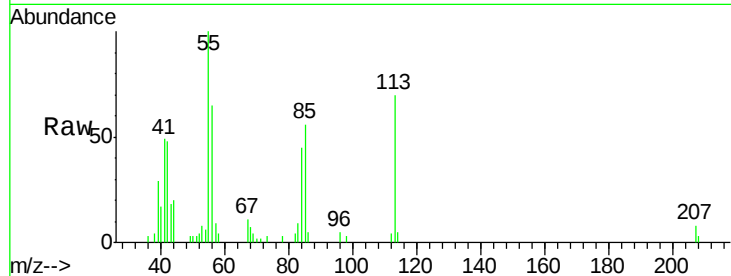
ClientSampleId :

MDL-S-07

Tot Ion:	113	Resp:	18630
Ion Ratio	Lower	Upper	
113	100		
55	143.5	120.0	160.0
56	93.9	90.0	130.0

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#36

4-Chloro-3-methylphenol

Concen: 2.821 ng

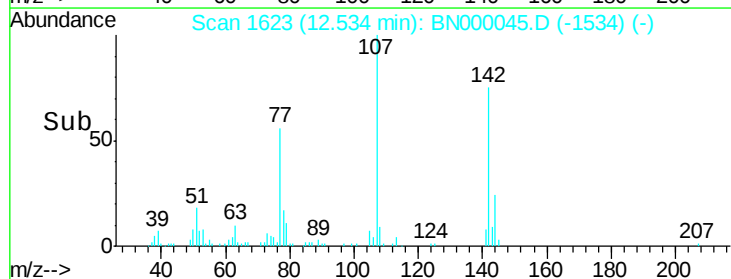
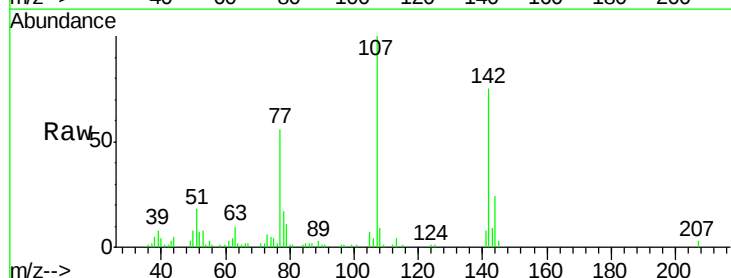
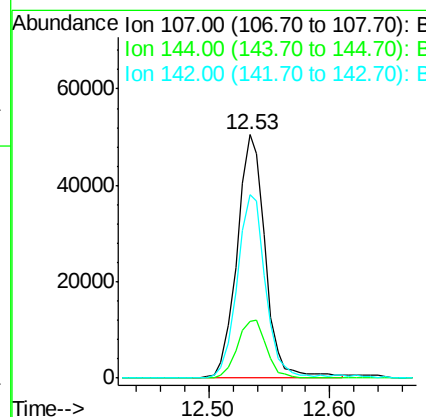
RT: 12.53 min Scan# 1623

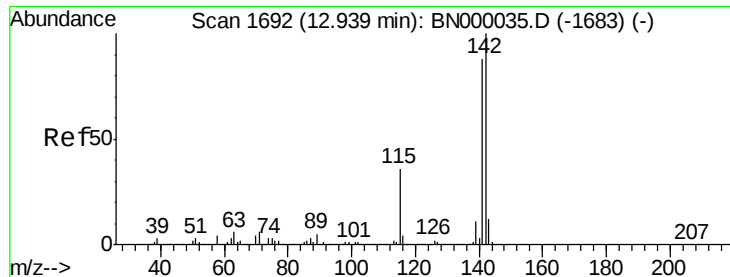
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	107	Resp:	82363
Ion Ratio	Lower	Upper	
107	100		
144	23.5	18.2	27.4
142	75.3	59.0	88.4





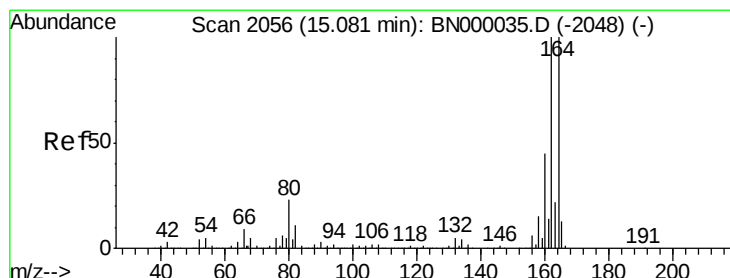
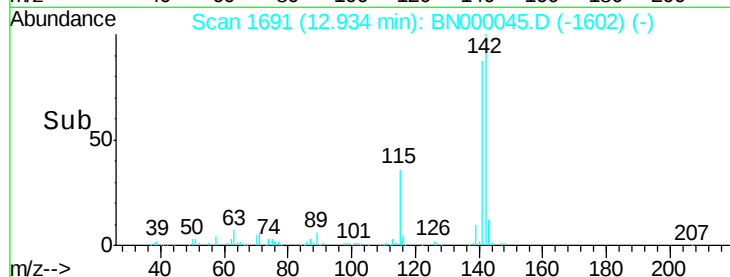
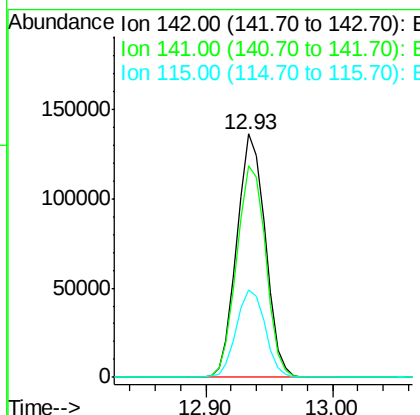
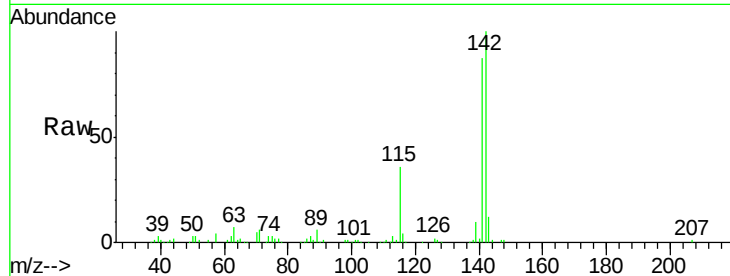
#37
2-Methylnaphthalene
Concen: 3.386 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	67.1	100.7
115	36.0	30.7	46.1

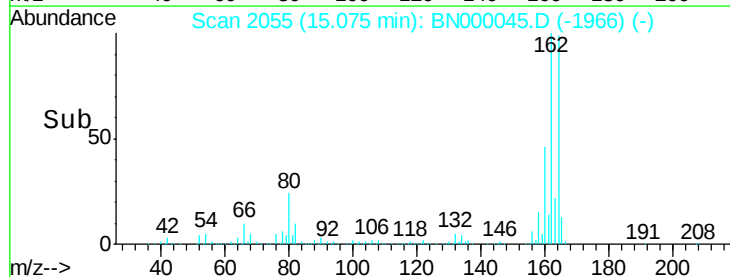
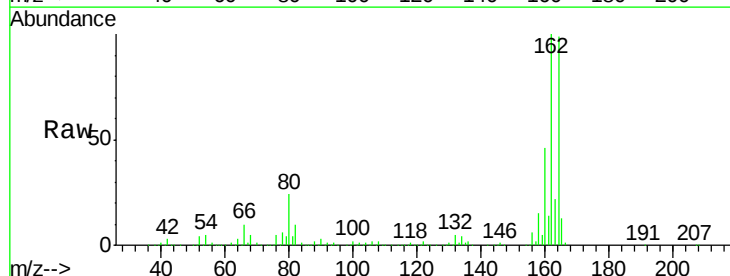
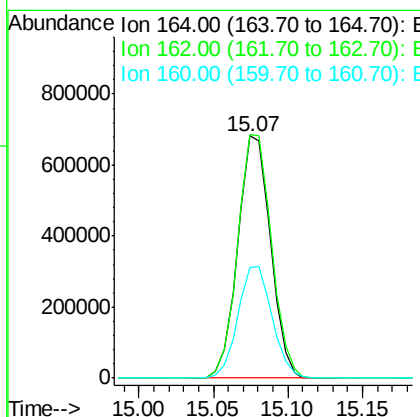
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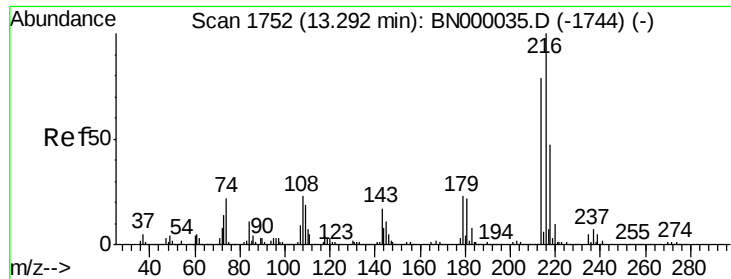
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	45.8	35.4	53.0





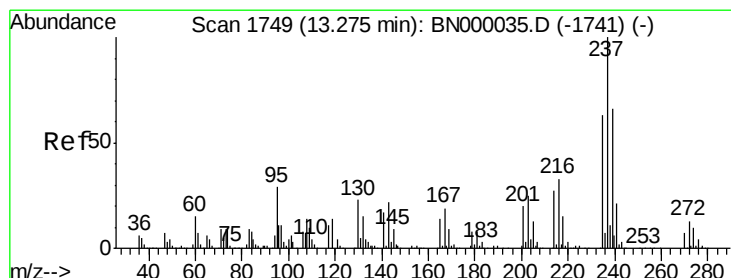
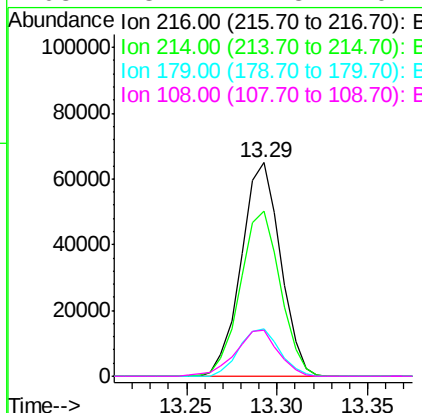
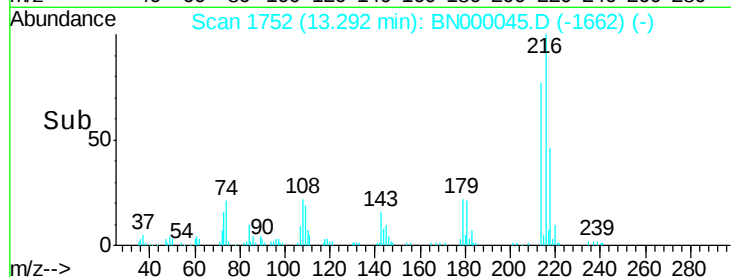
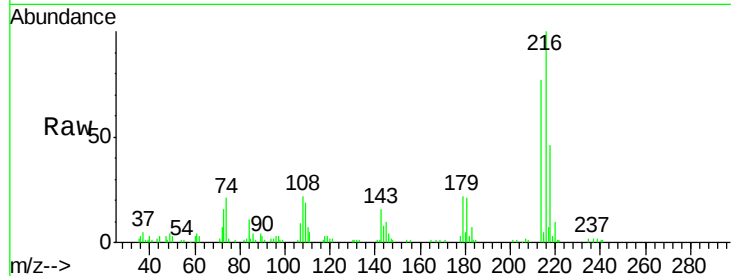
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.188 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-07

Tot Ion:	216	Resp:	97690
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	22.9	17.0	25.6
108	23.7	12.8	19.2#

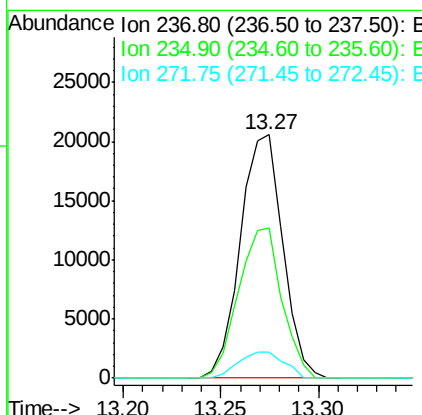
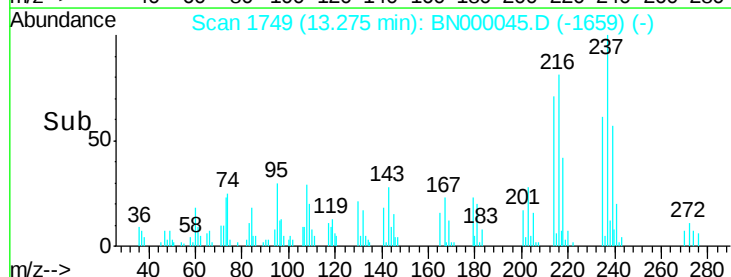
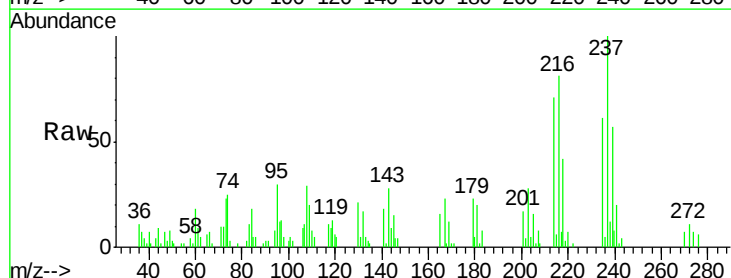
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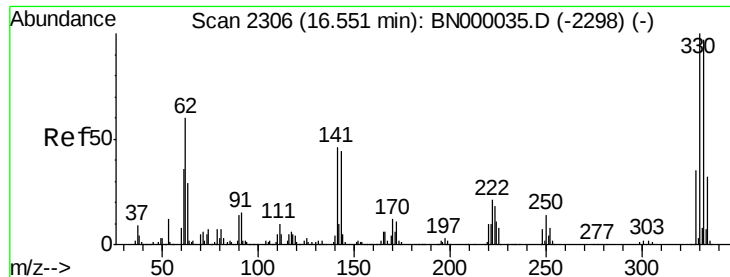
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#40
 Hexachlorocyclopentadiene
 Concen: 2.421 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tgt Ion:	237	Resp:	30927
Ion Ratio	Lower	Upper	
237	100		
235	61.4	50.4	90.4
272	10.7	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 137.298 ng

RT: 16.55 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

ClientSampled :

MDL-S-07

Tot Ion:330 Resp: 1410865

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

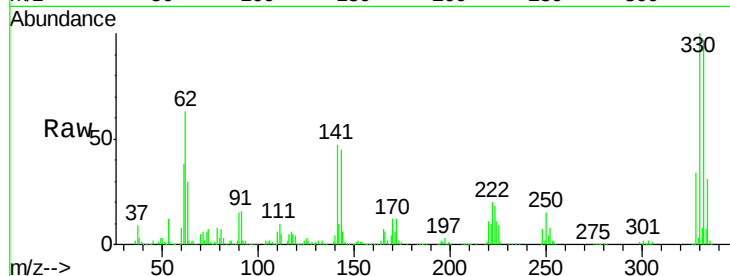
141 47.1 25.2 37.8#

Manual Integrations

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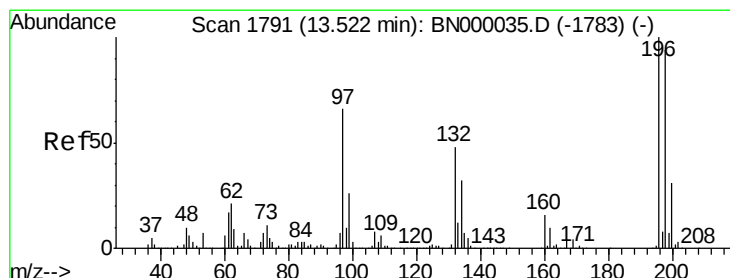
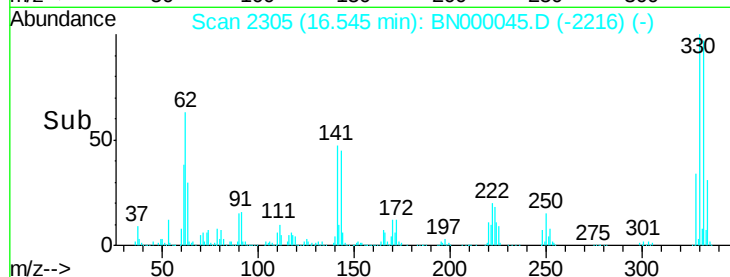
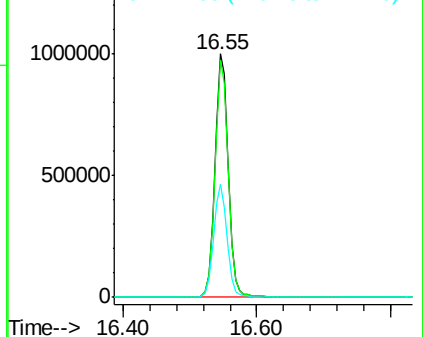
2/8/2018 3:37:37 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 2.371 ng

RT: 13.52 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

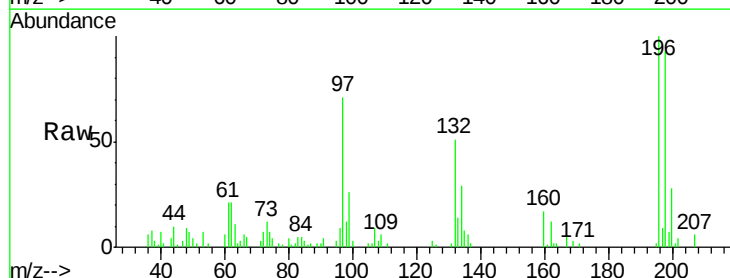
Tgt Ion:196 Resp: 43552

Ion Ratio Lower Upper

196 100

198 92.9 78.2 117.2

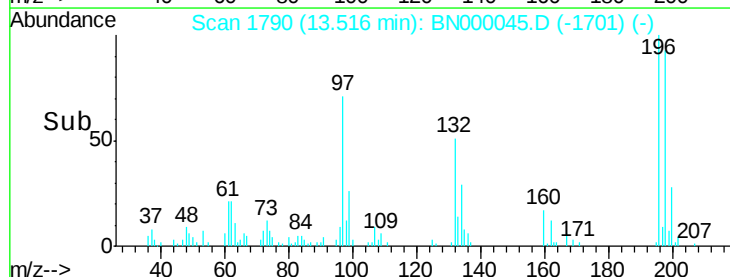
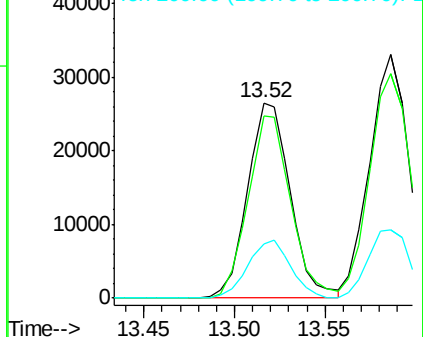
200 27.8 24.6 36.8

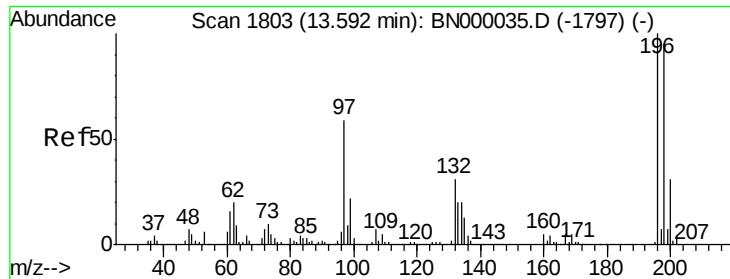


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





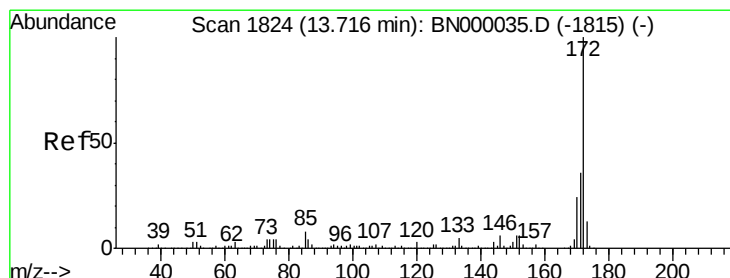
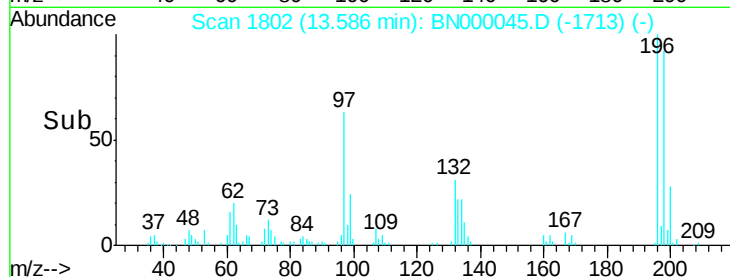
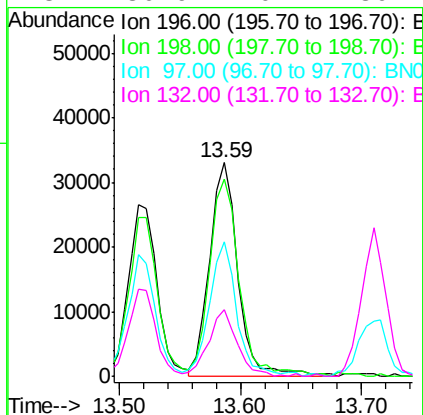
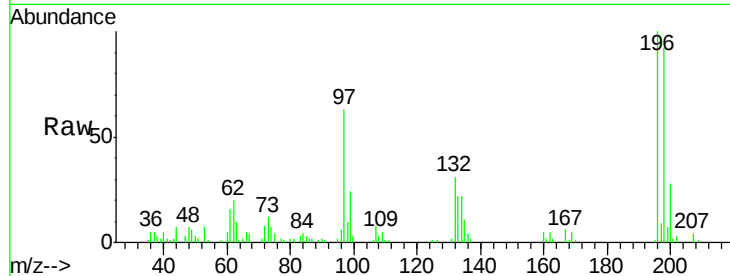
#43
2,4,5-Trichlorophenol
Concen: 2.424 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	76.2	114.4
97	63.0	38.7	58.1
132	30.9	20.2	30.2

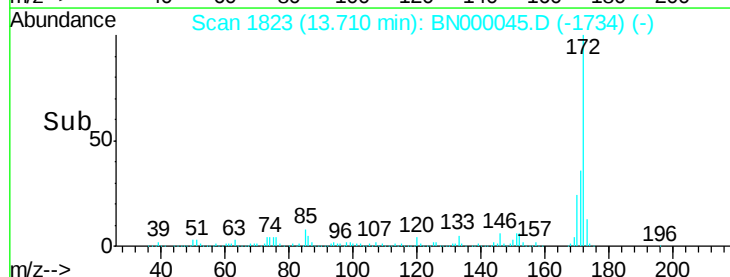
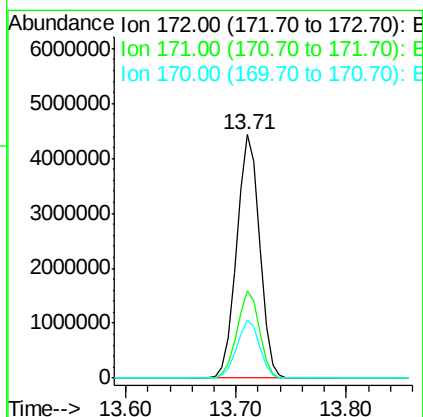
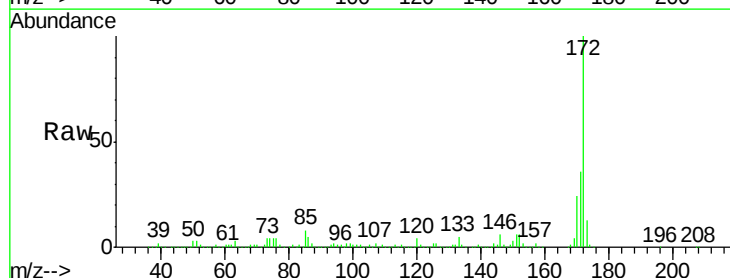
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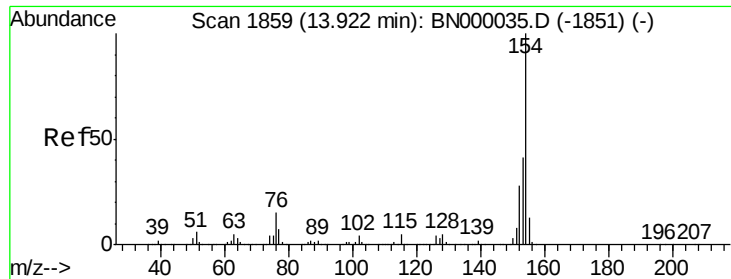
Sohil
2/8/2018 3:37:37 PM



#44
2-Fluorobiphenyl
Concen: 88.039 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.9	19.5	29.3





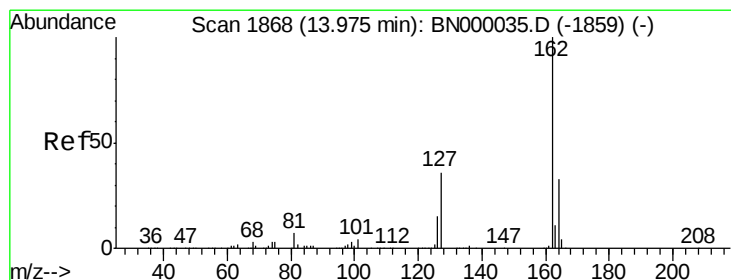
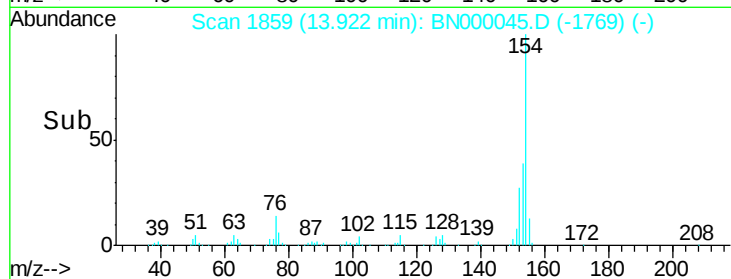
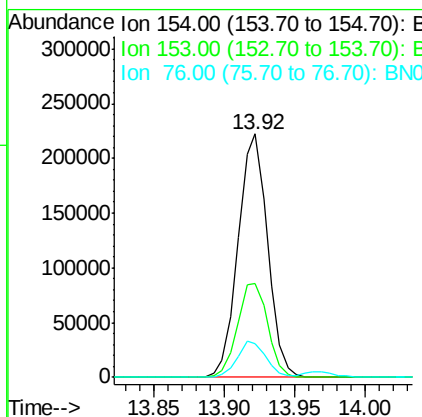
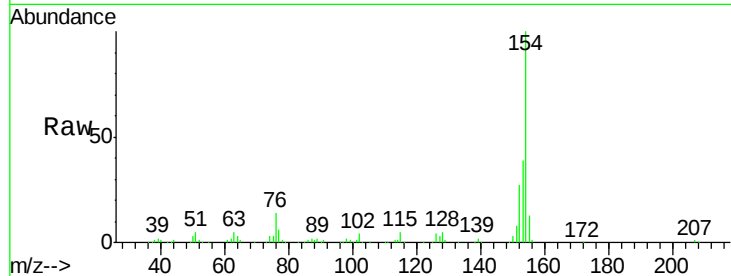
#45
 1,1'-Biphenyl
 Concen: 3.543 ng
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-07

Tot Ion:	154	Resp:	323964
Ion Ratio	Lower	Upper	
154	100		
153	38.6	19.8	59.8
76	13.9	0.0	31.9

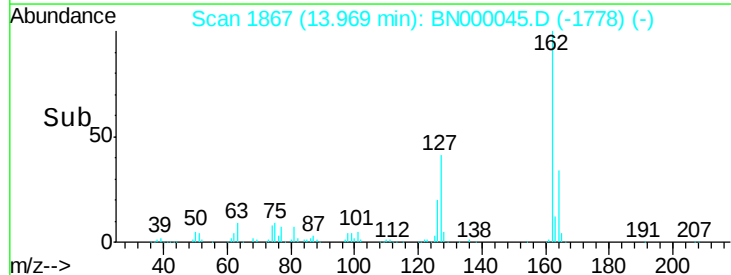
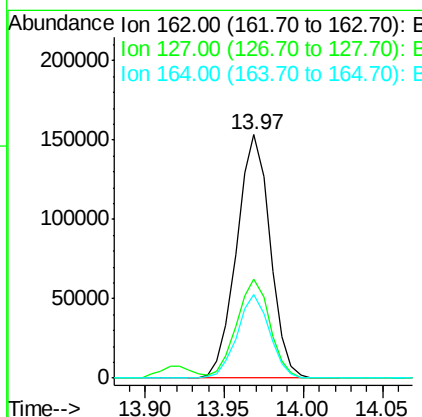
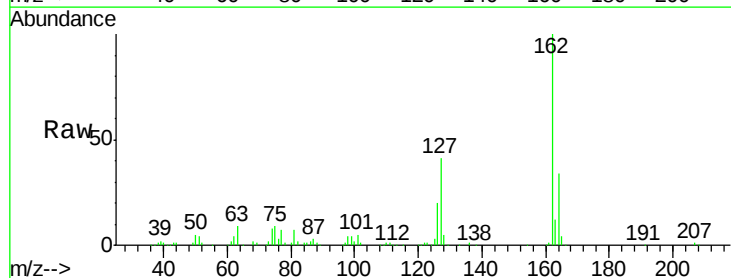
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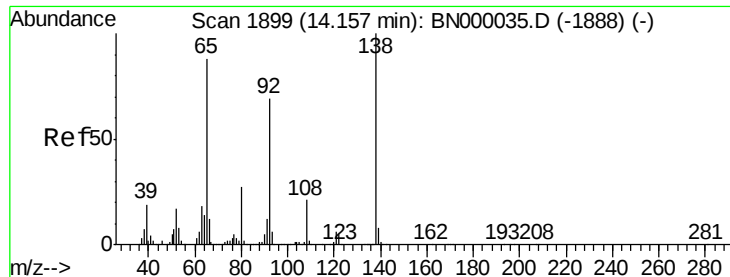
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#46
 2-Chloronaphthalene
 Concen: 3.280 ng
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tgt Ion:	162	Resp:	225010
Ion Ratio	Lower	Upper	
162	100		
127	40.8	30.7	46.1
164	34.1	26.0	39.0





#47

2-Nitroaniline

Concen: 6.482 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

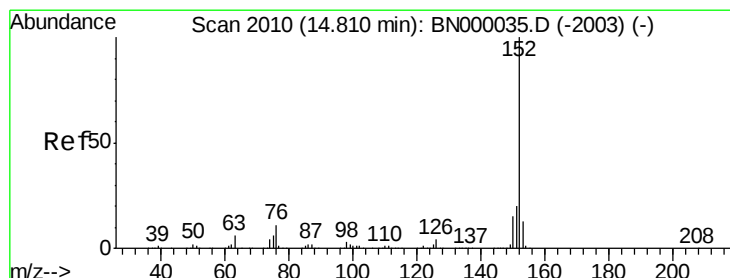
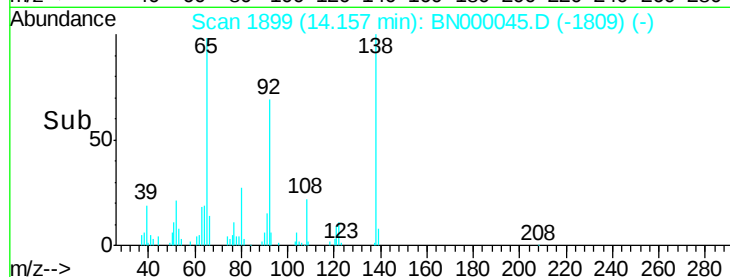
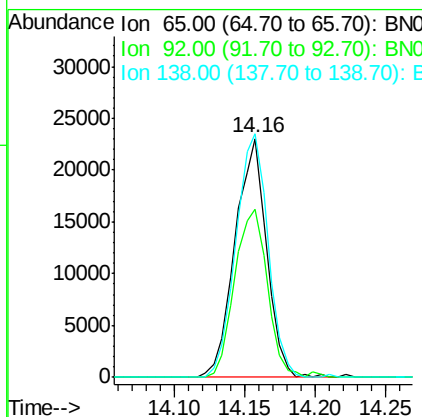
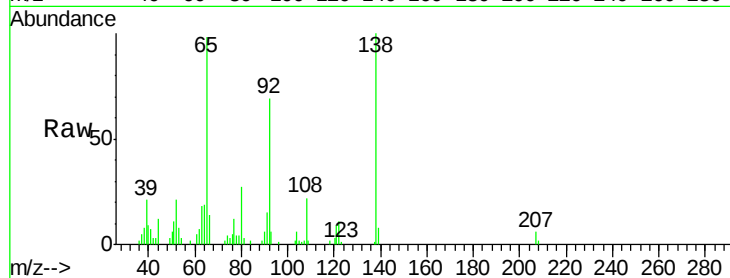
ClientSampleId :

MDL-S-07

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.6	82.0
138	101.9	72.9	109.3

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#48

Acenaphthylene

Concen: 2.905 ng

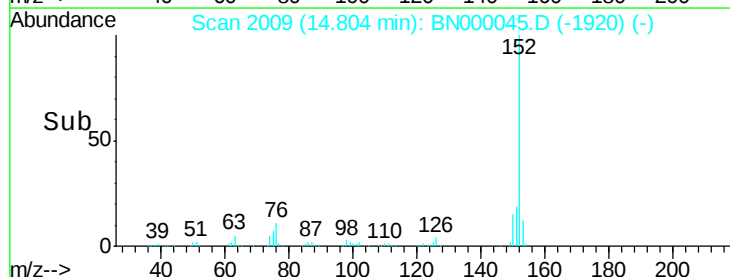
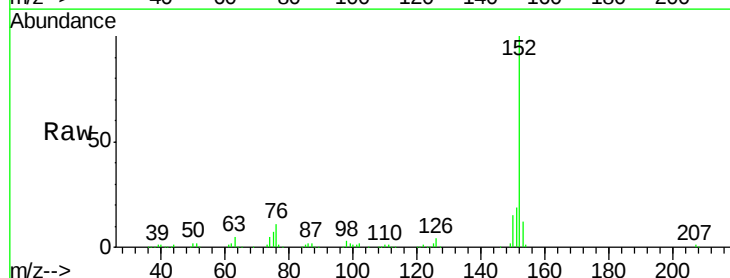
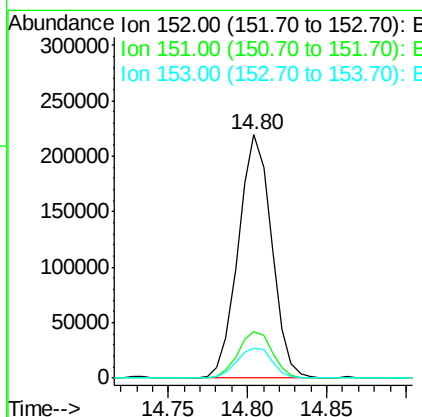
RT: 14.80 min Scan# 2009

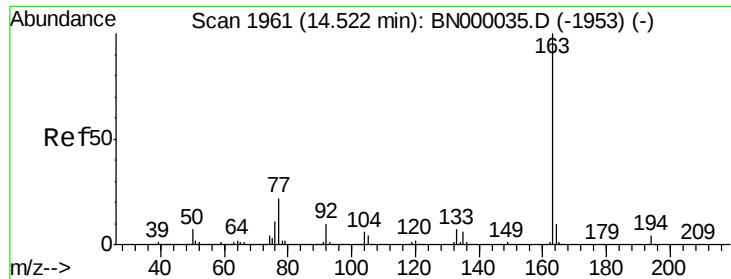
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.2	25.8
153	12.4	10.2	15.4





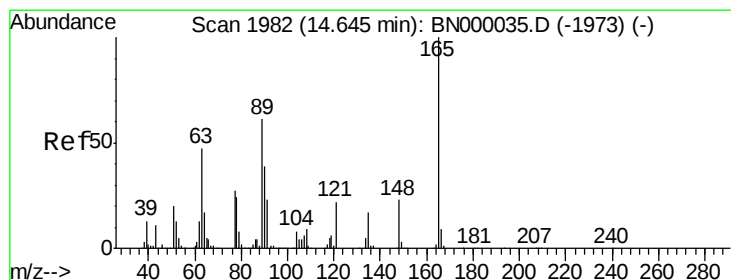
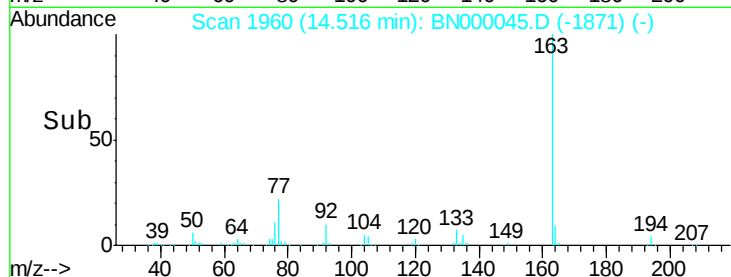
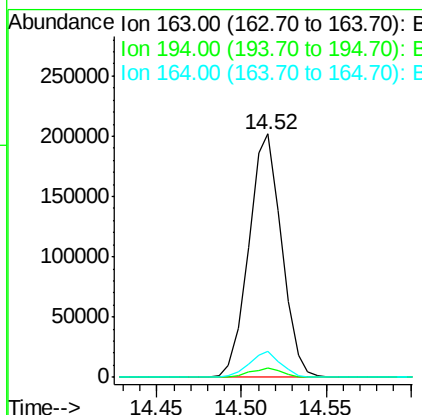
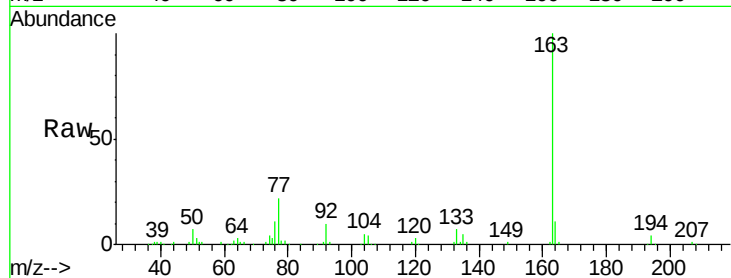
#49
Dimethylphthalate
Concen: 3.153 ng
RT: 14.52 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Resp	Lower	Upper
163	100	273637		
194	3.9		3.4	5.2
164	10.6		8.2	12.4

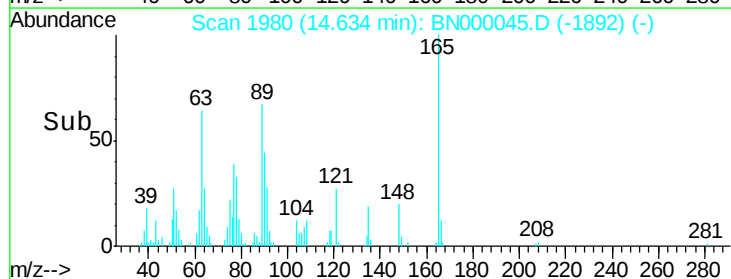
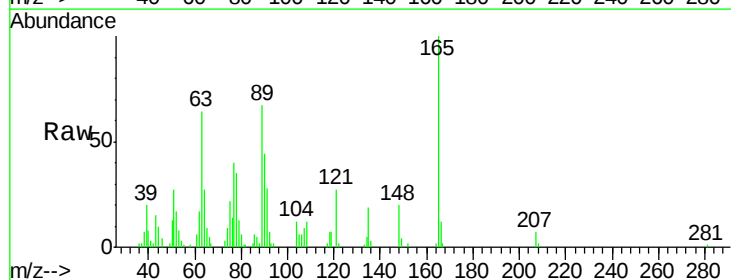
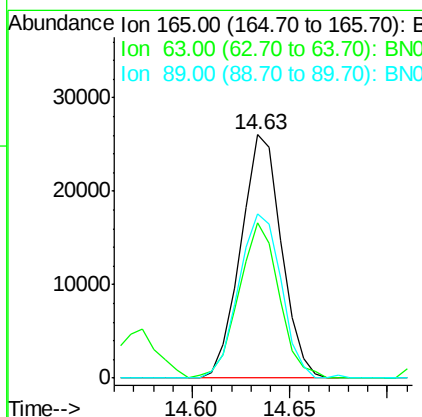
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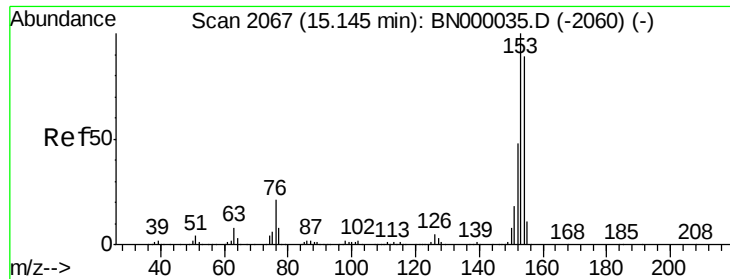
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#50
2,6-Dinitrotoluene
Concen: 2.102 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37651		
63	64.0		52.7	79.1
89	67.3		49.2	73.8





#51

Acenaphthene

Concen: 3.225 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

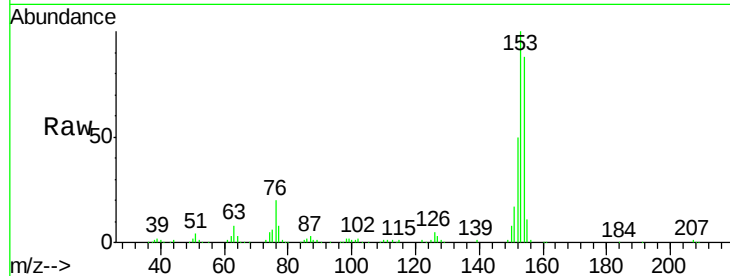
ClientSampleId :

MDL-S-07

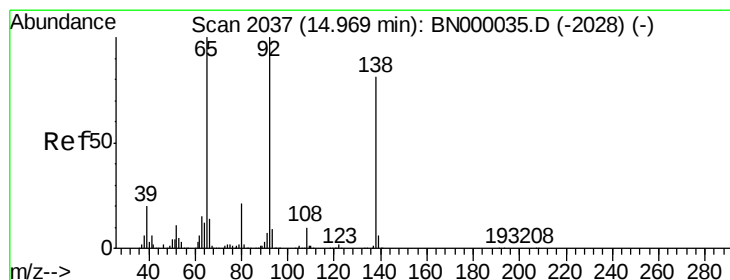
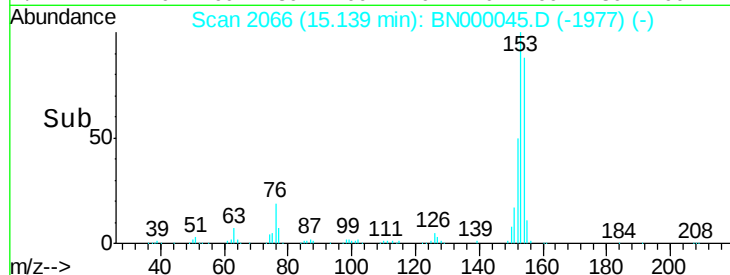
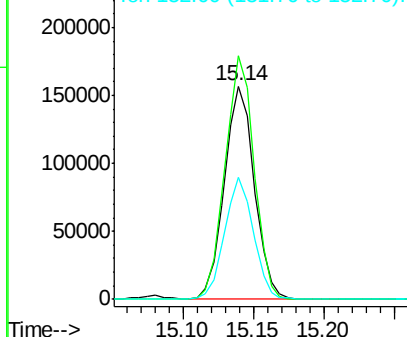
Tot Ion:	154	Resp:	232059
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.4	135.6
152	57.0	41.6	62.4

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



#52

3-Nitroaniline

Concen: 2.045 ng

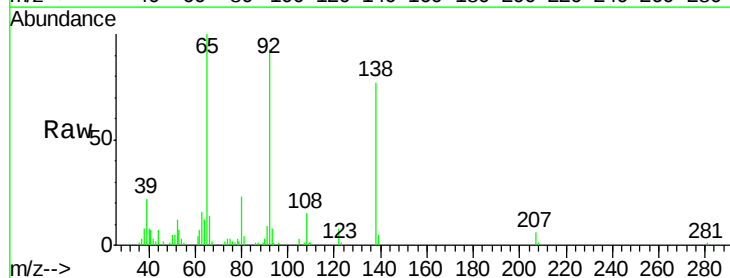
RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

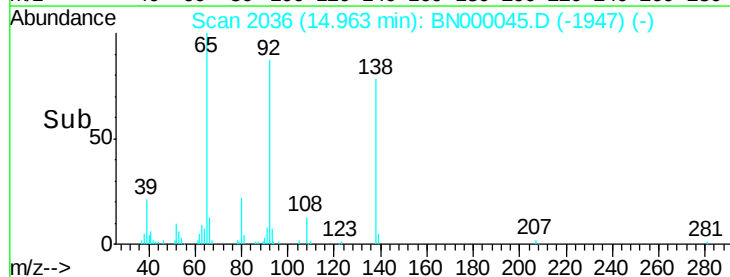
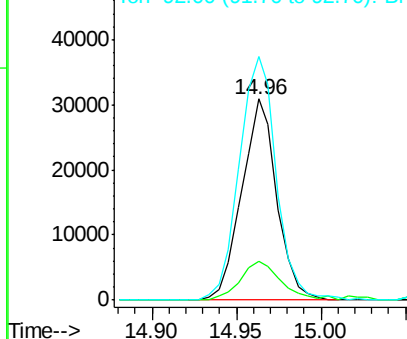
Lab File: BN000045.D

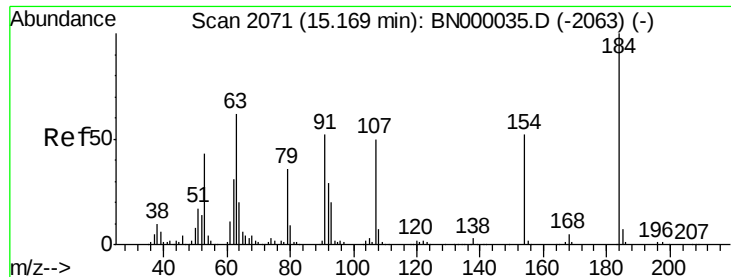
Acq: 07 Feb 2018 20:58

Tgt Ion:	138	Resp:	44539
Ion Ratio	Lower	Upper	
138	100		
108	19.1	17.5	26.3
92	121.0	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





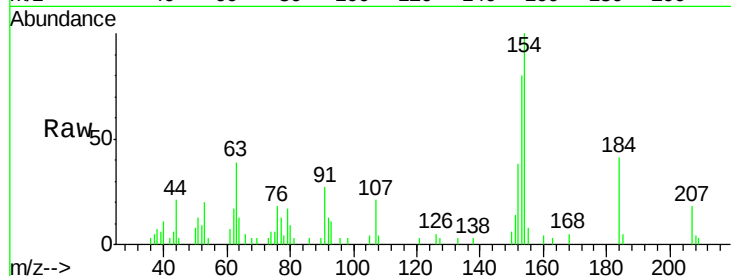
#53
2,4-Dinitrophenol
Concen: 10.294 ng
RT: 15.16 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

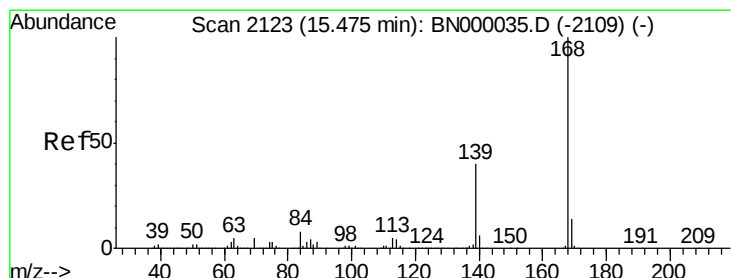
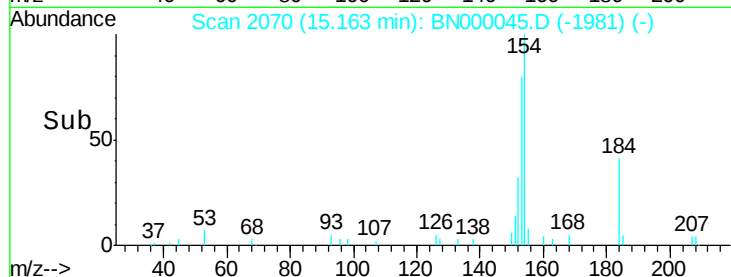
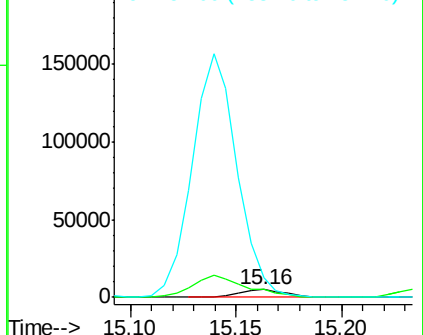
Tot Ion	Ratio	Lower	Upper
184	100		
63	96.1	80.0	120.0
154	245.6	308.0	462.0

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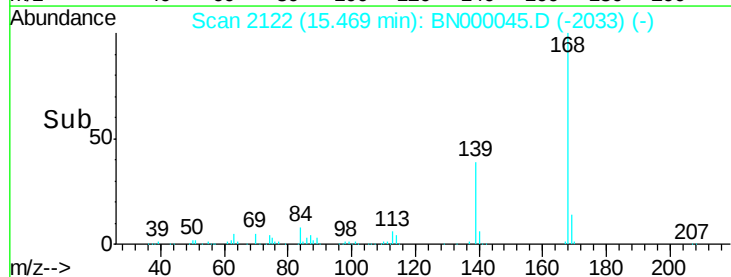
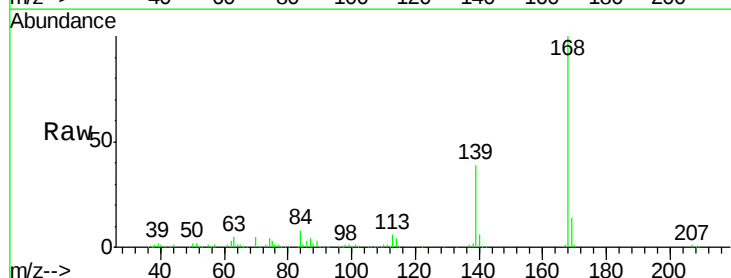
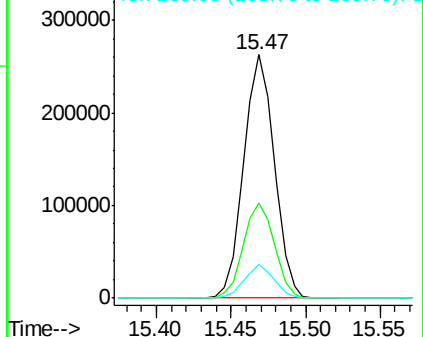
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

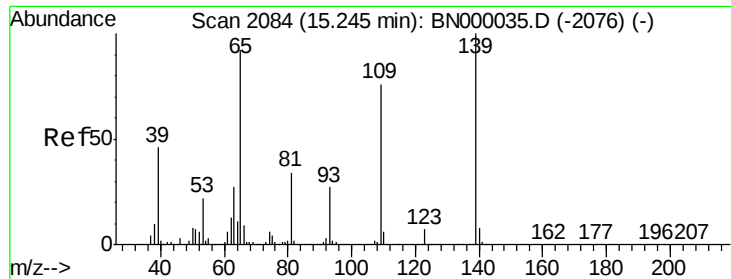


#54
Dibenzofuran
Concen: 3.645 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	28.6	43.0
169	13.7	11.2	16.8

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





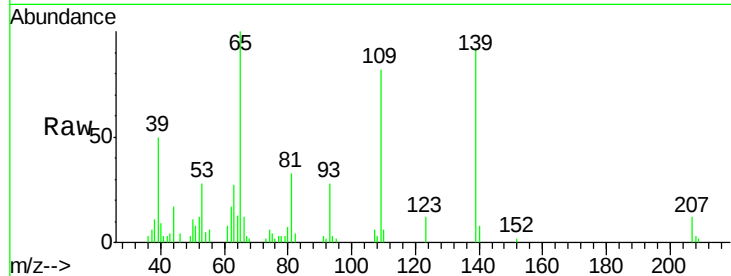
#55
4-Nitrophenol
Concen: 6.481 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
139	100		
109	89.1	62.2	102.2
65	108.9	97.2	137.2

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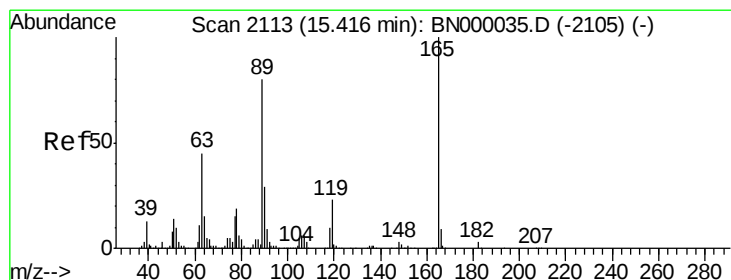
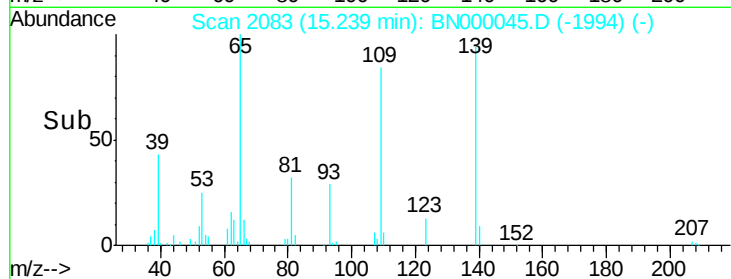
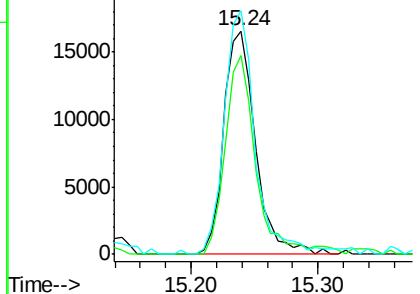


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56
2,4-Dinitrotoluene
Concen: 5.753 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	42.0	63.0
89	90.9	66.9	100.3
182	2.3	2.6	3.8#

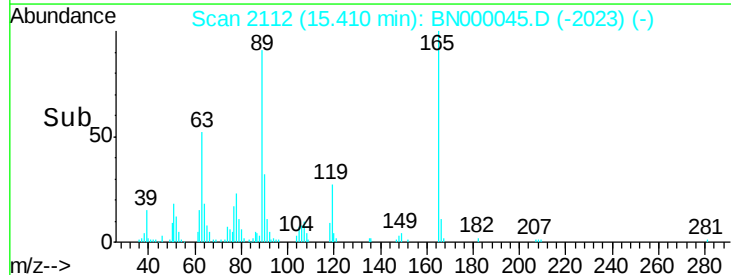
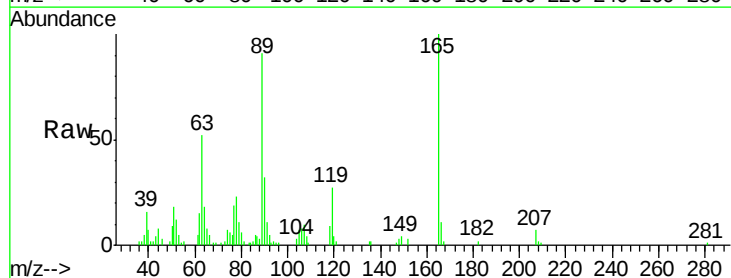
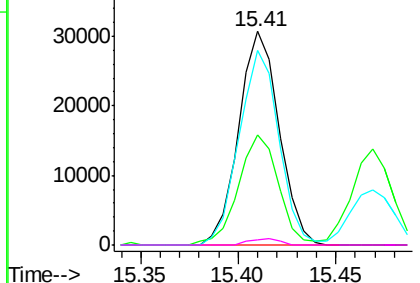
Abundance

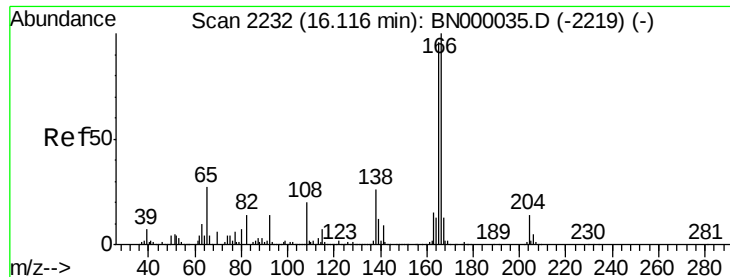
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.510 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

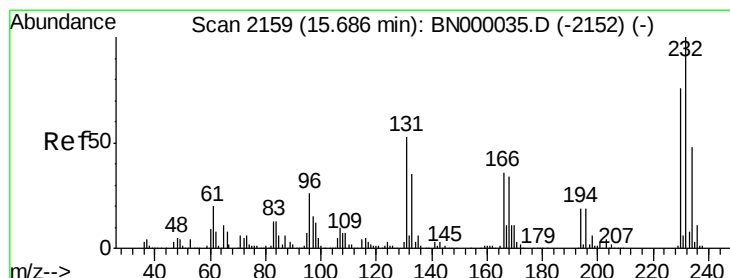
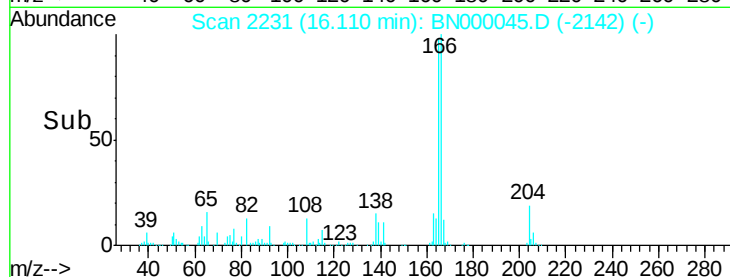
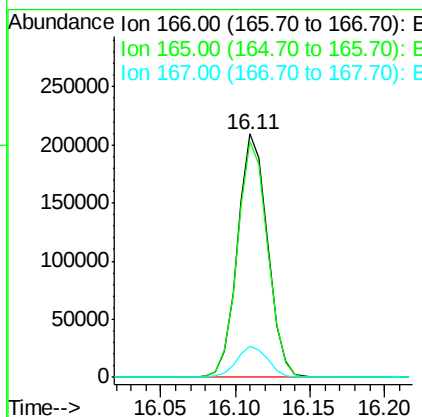
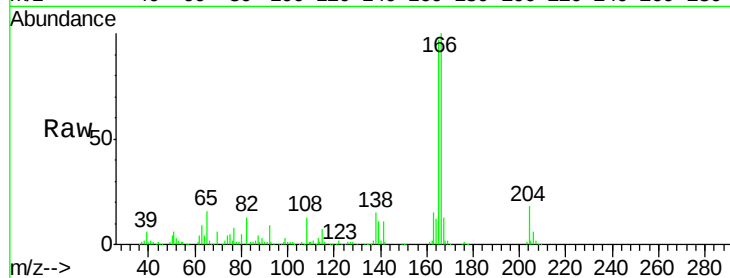
ClientSampled :

MDL-S-07

Tot Ion:	166	Resp:	292044
Ion Ratio	Lower	Upper	
166	100		
165	96.8	80.6	121.0
167	12.7	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.494 ng m

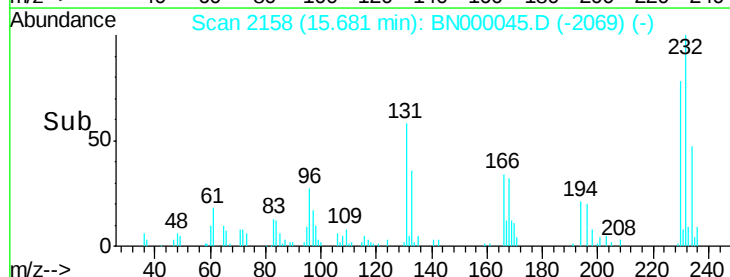
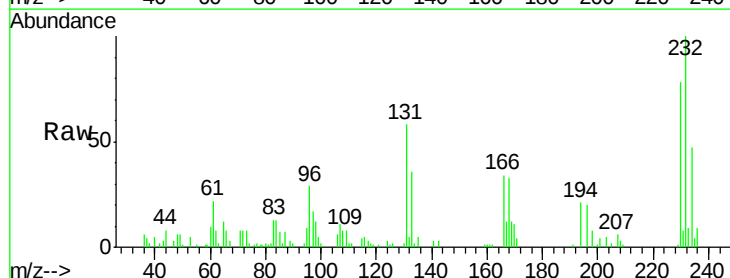
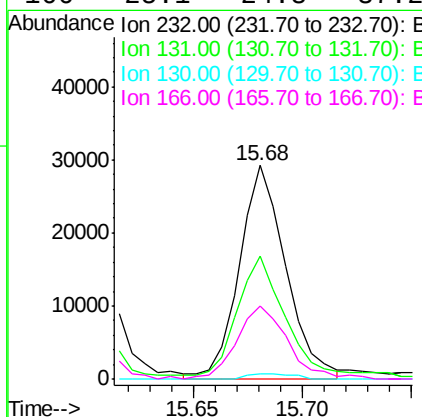
RT: 15.68 min Scan# 2158

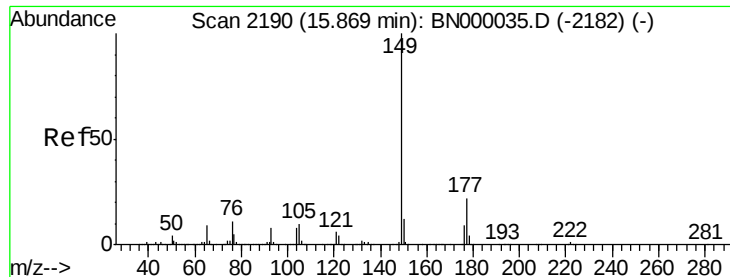
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	232	Resp:	43451
Ion Ratio	Lower	Upper	
232	100		
131	42.9	33.5	50.3
130	2.2	2.2	3.2
166	25.1	24.8	37.2





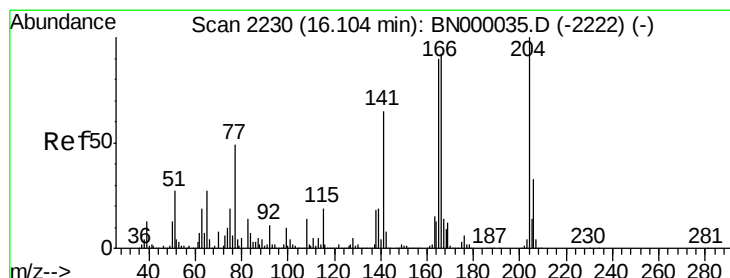
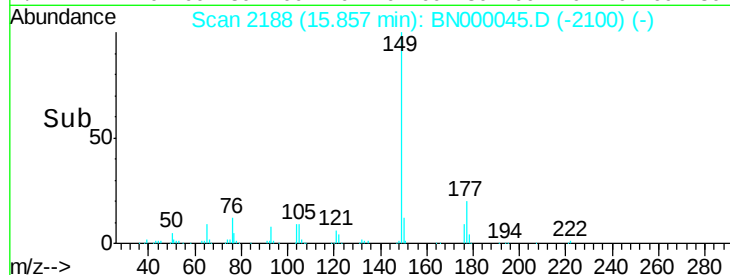
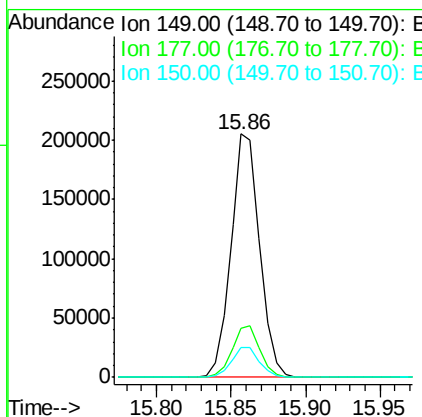
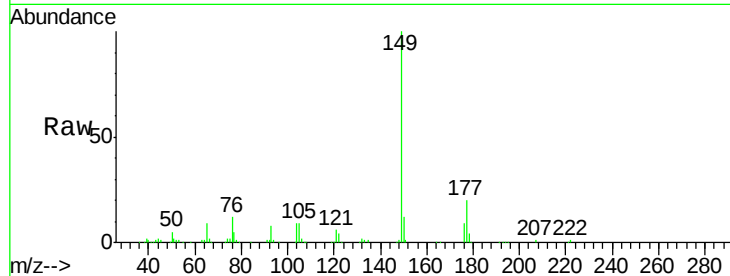
#59
Diethylphthalate
Concen: 3.116 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion	Ratio	Resp	Lower	Upper
149	100	274786		
177	20.2	18.5	27.7	
150	12.3	10.2	15.2	

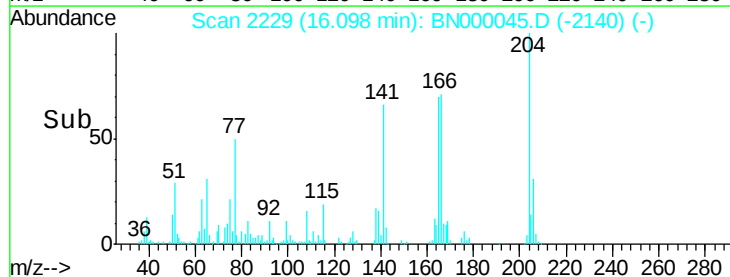
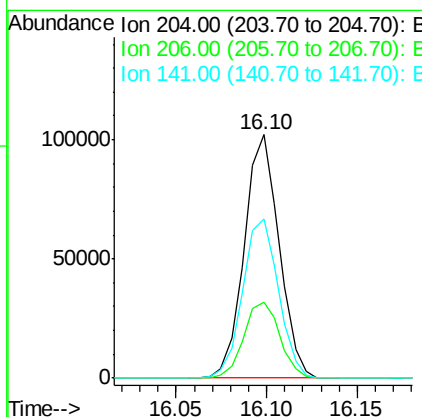
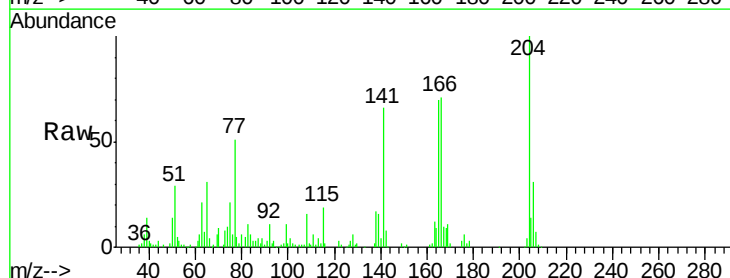
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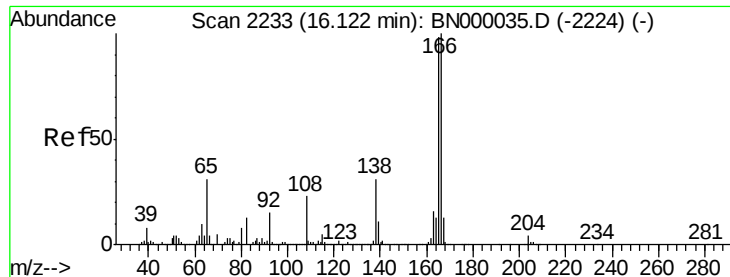
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 3.592 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	136196		
206	31.3	26.2	39.2	
141	65.6	45.8	68.6	





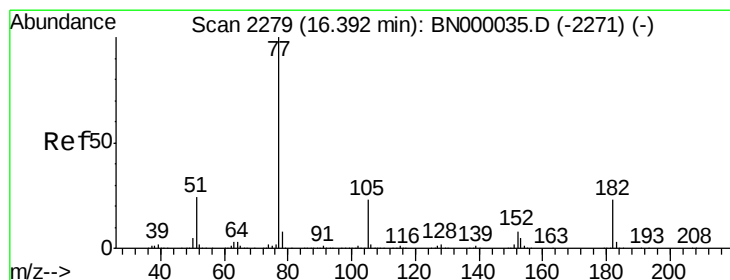
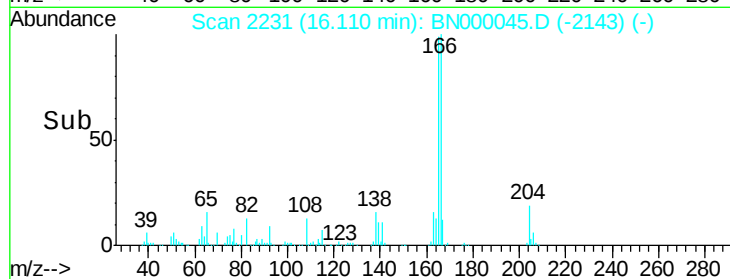
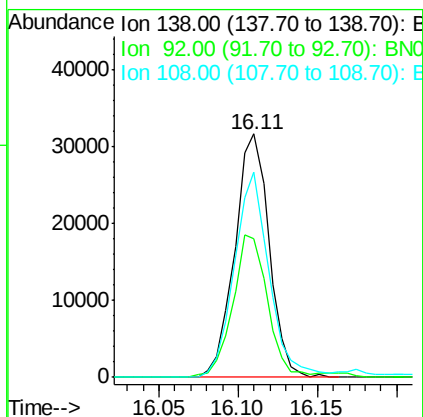
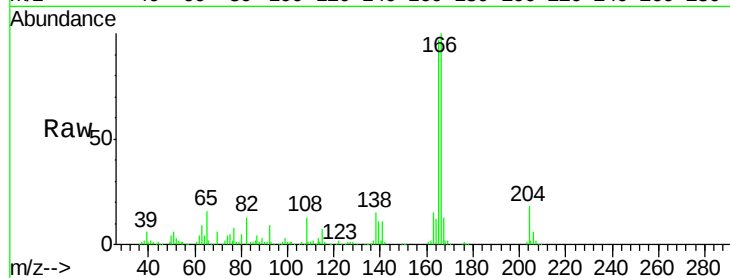
#61
4-Nitroaniline
Concen: 2.130 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	40.1	80.1
108	84.1	65.4	105.4

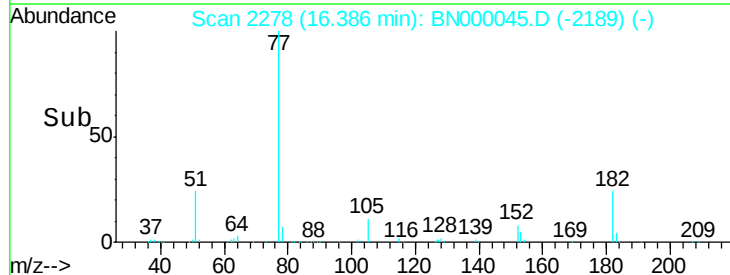
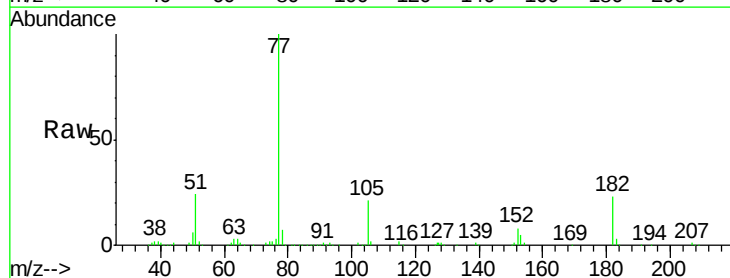
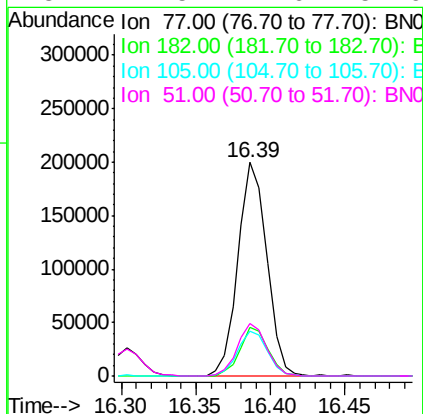
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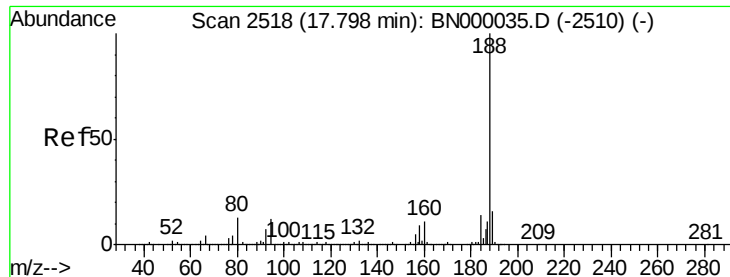
Sohil
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#62
Azobenzene
Concen: 3.070 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	7.4	47.4
105	21.3	0.3	40.3
51	24.5	11.6	51.6





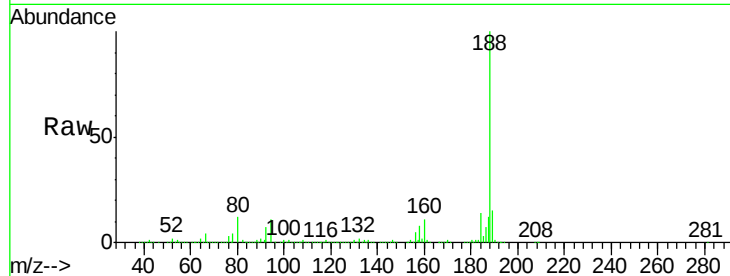
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

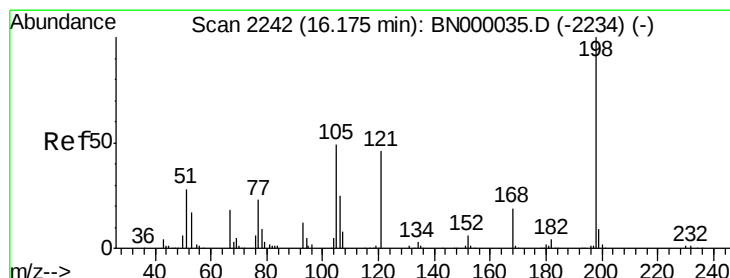
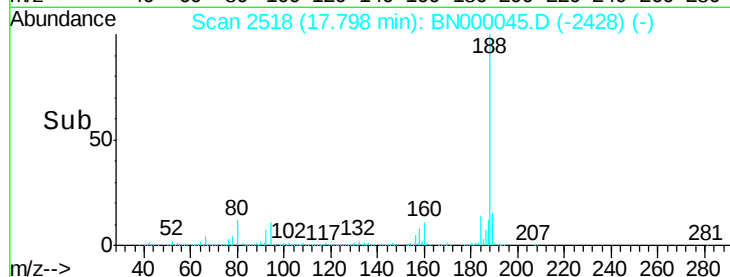
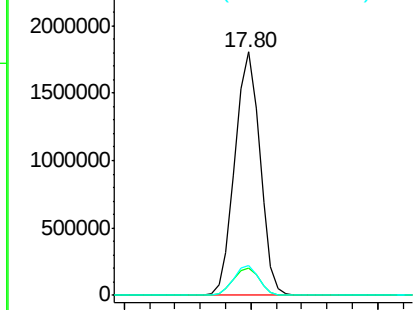
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.9	10.3#
80	12.3	7.7	11.5#

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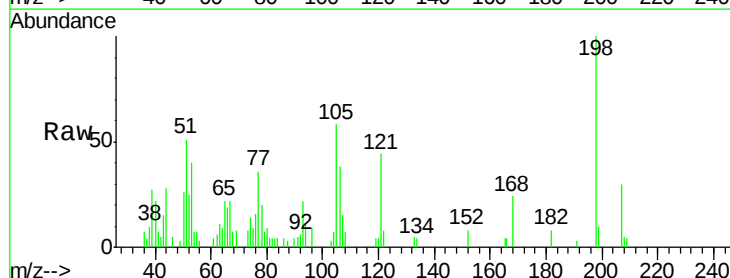


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

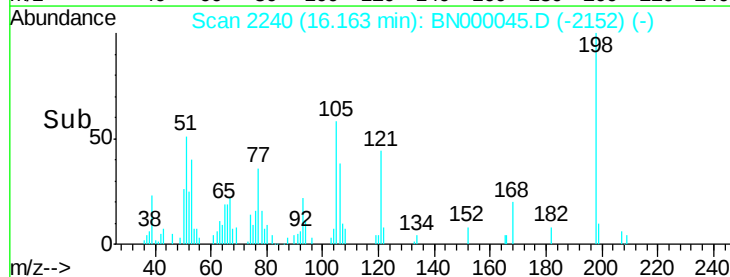
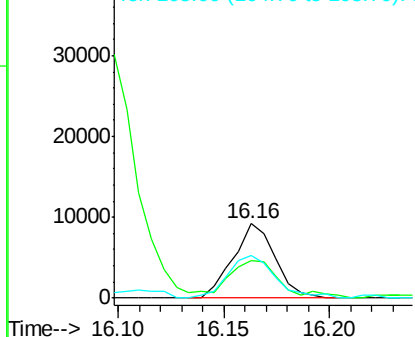


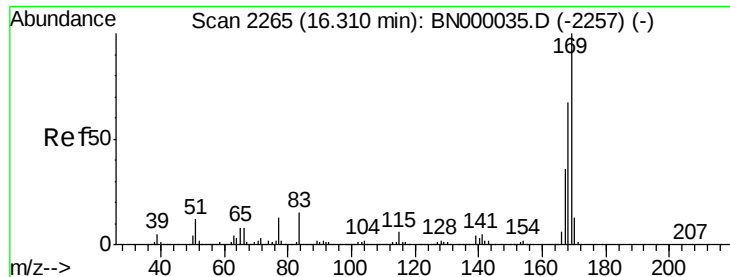
#64
4,6-Dinitro-2-methylphenol
Concen: 9.595 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.6	30.6	70.6
105	57.5	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.048 ng

RT: 16.30 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

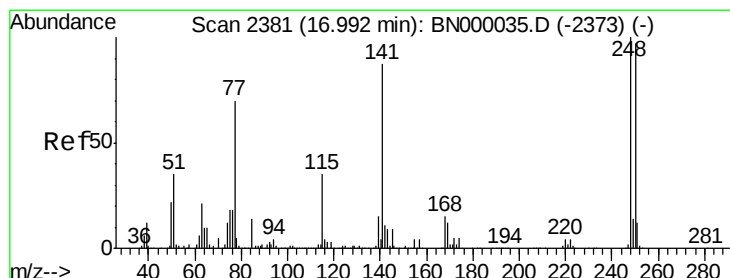
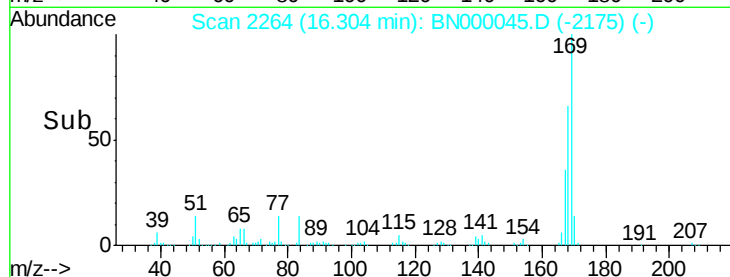
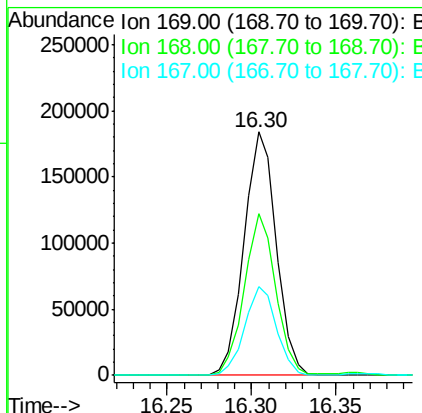
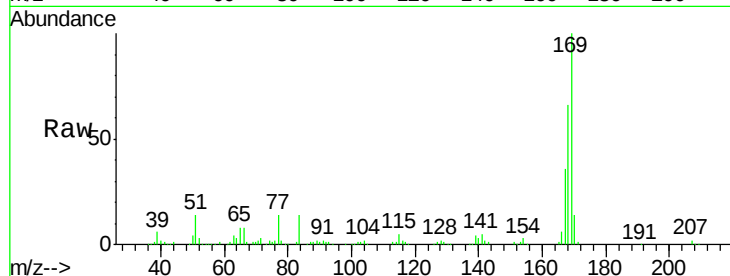
ClientSampled :

MDL-S-07

Tot Ion:	169	Resp:	245057
Ion Ratio		Lower	Upper
169	100		
168	66.2	55.7	83.5
167	36.3	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 3.095 ng

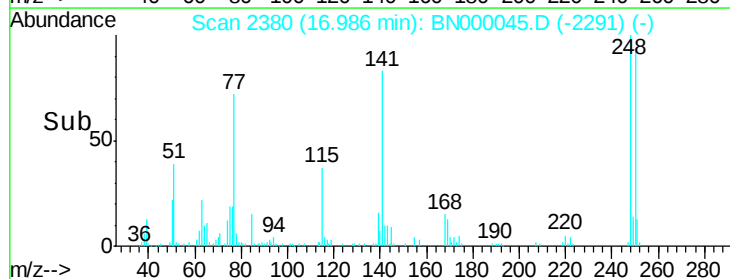
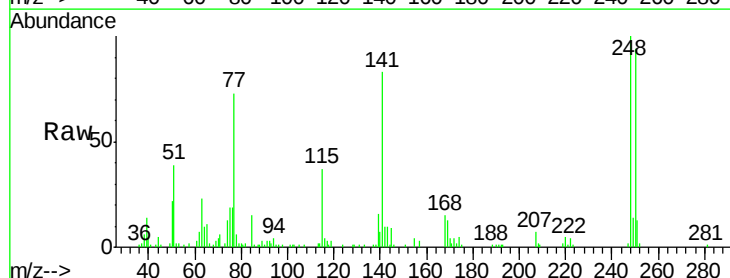
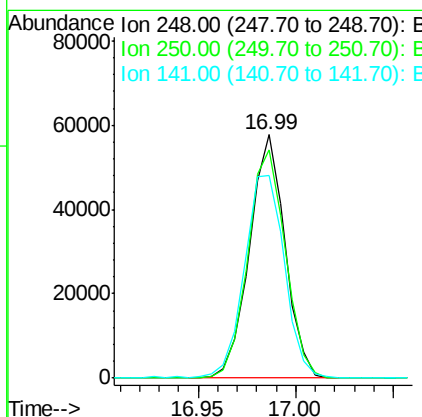
RT: 16.99 min Scan# 2380

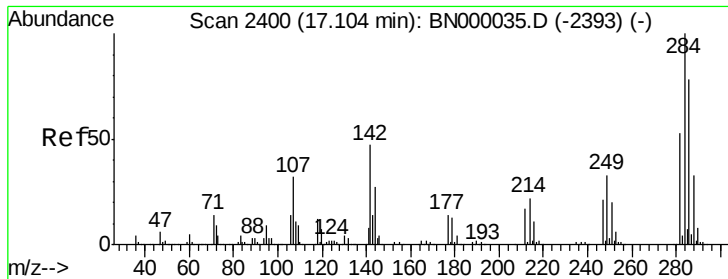
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	248	Resp:	72702
Ion Ratio		Lower	Upper
248	100		
250	93.8	77.1	115.7
141	83.4	50.8	76.2#





#67

Hexachlorobenzene

Concen: 3.079 ng

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

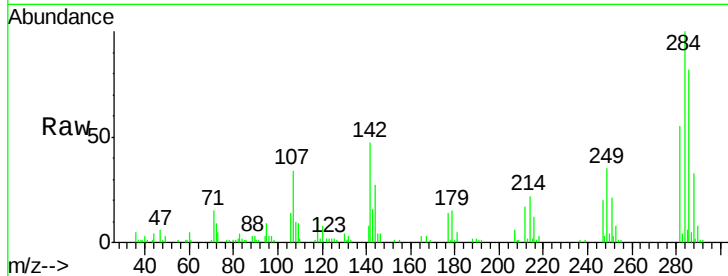
ClientSampled :

MDL-S-07

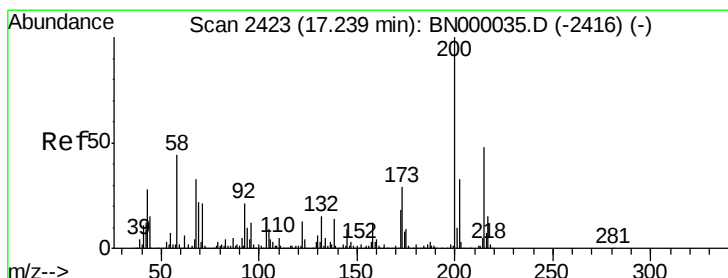
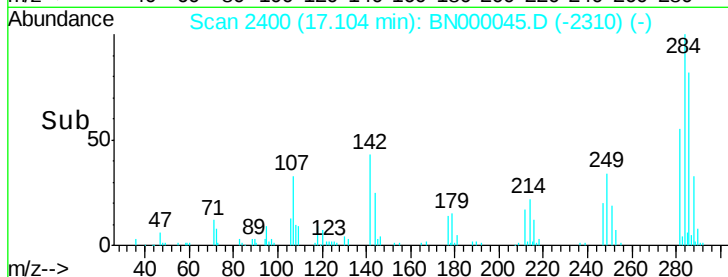
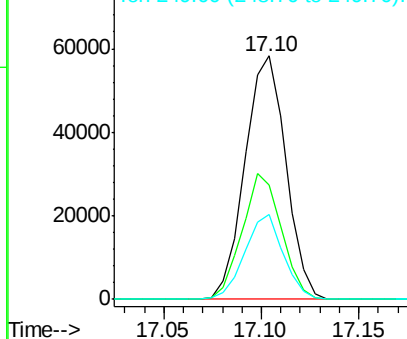
Tot Ion	Ratio	Resp	Lower	Upper
284	100	84476		
142	46.9	26.8	40.2	#
249	35.1	26.3	39.5	

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



#68

Atrazine

Concen: 2.373 ng

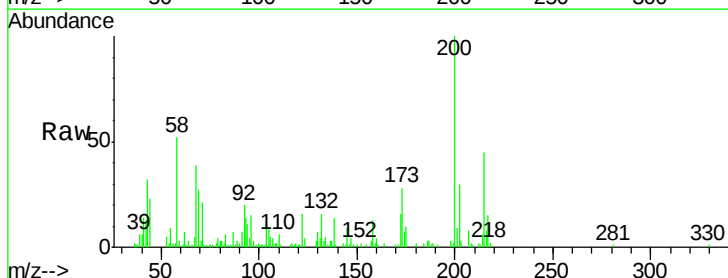
RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

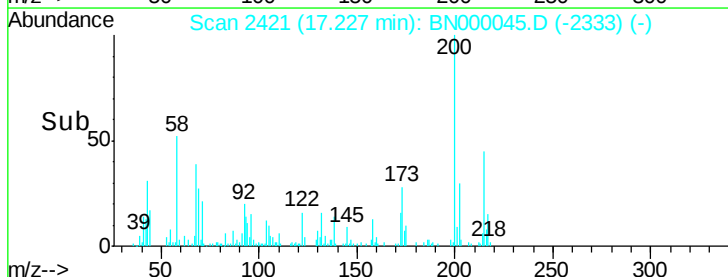
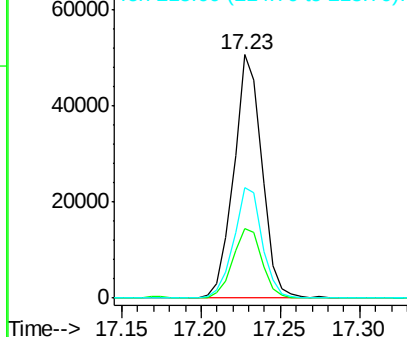
Lab File: BN000045.D

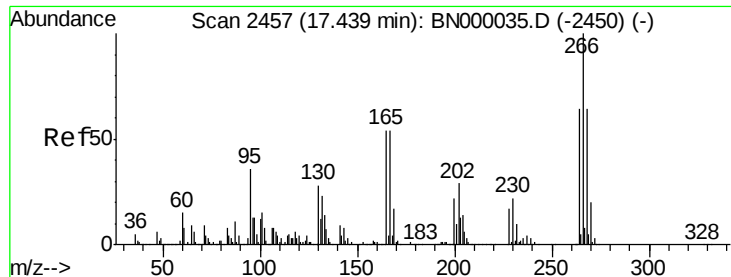
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	62094		
173	28.4	5.2	45.2	
215	45.3	30.4	70.4	



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





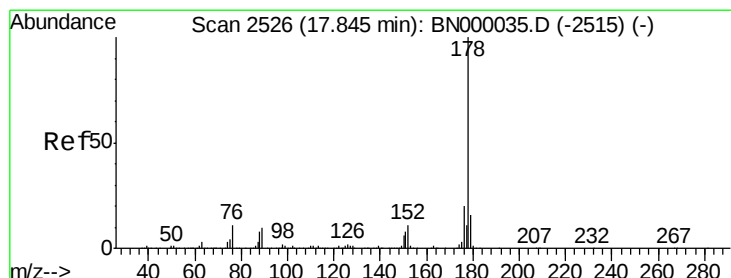
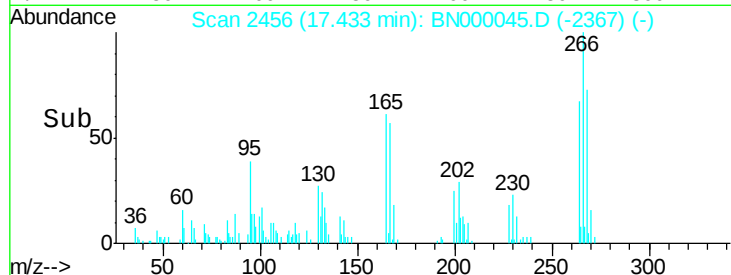
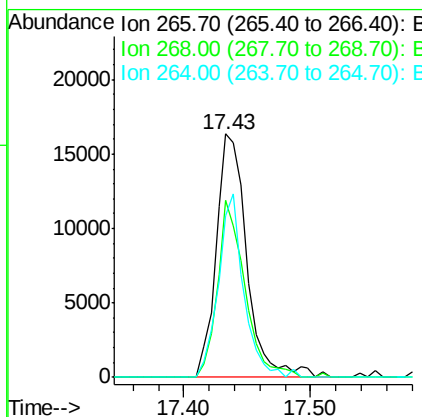
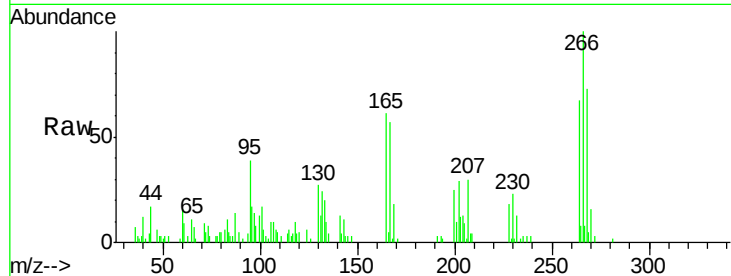
#69
 Pentachlorophenol
 Concen: 7.184 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-07

Tot Ion	Ratio	Lower	Upper
266	100		
268	72.8	51.1	76.7
264	66.6	49.6	74.4

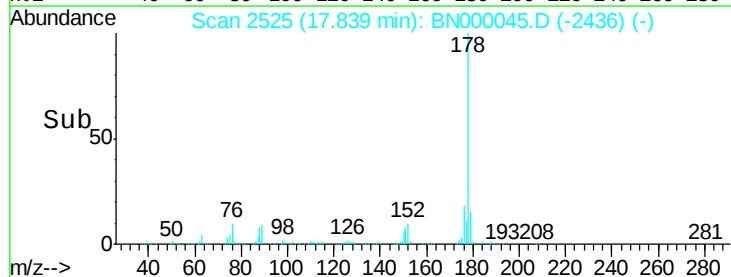
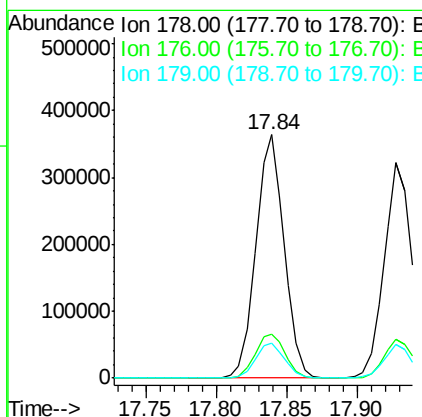
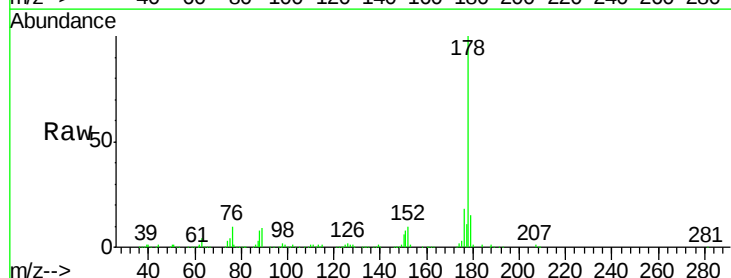
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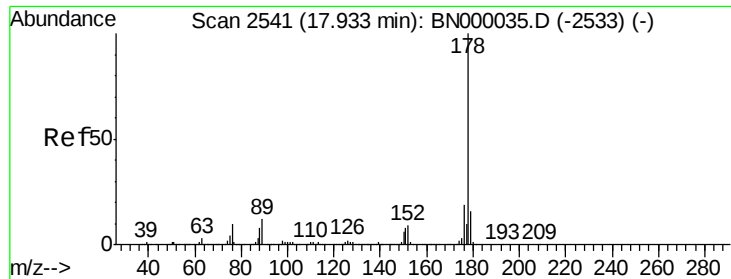
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#70
 Phenanthrene
 Concen: 3.510 ng
 RT: 17.84 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	14.6	12.5	18.7





#71

Anthracene

Concen: 3.174 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

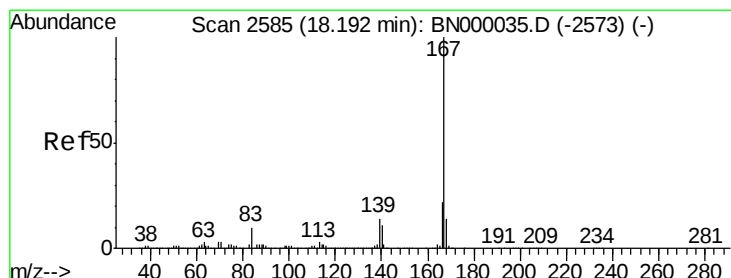
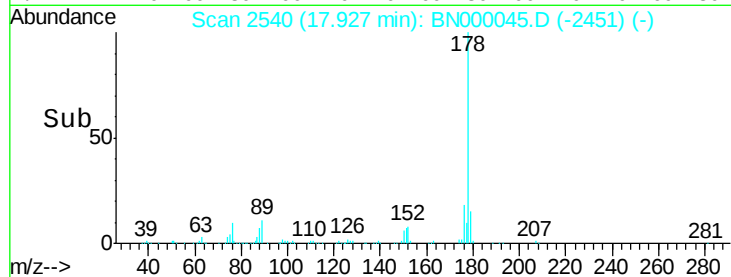
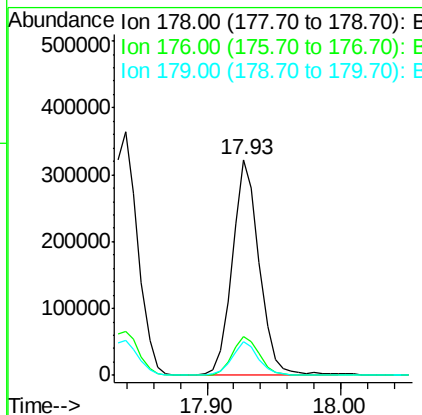
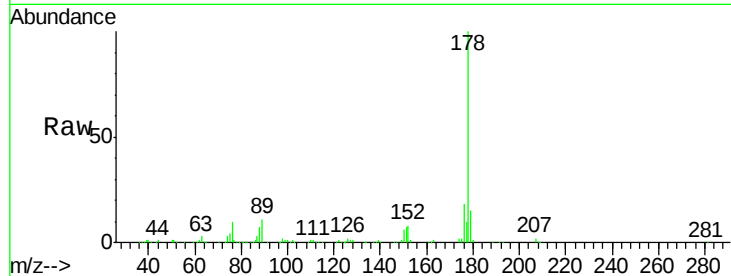
ClientSampleId :

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Tot Ion:	178	Resp:	448471
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.0	24.0
179	15.4	12.5	18.7

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#72

Carbazole

Concen: 3.053 ng

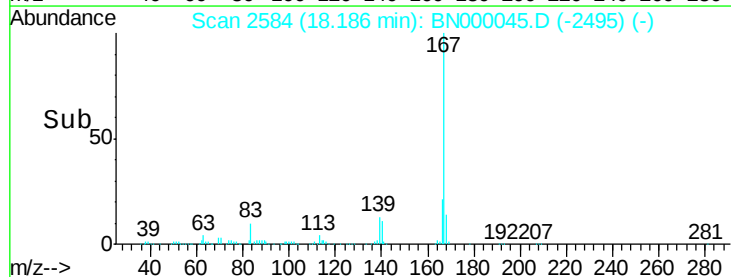
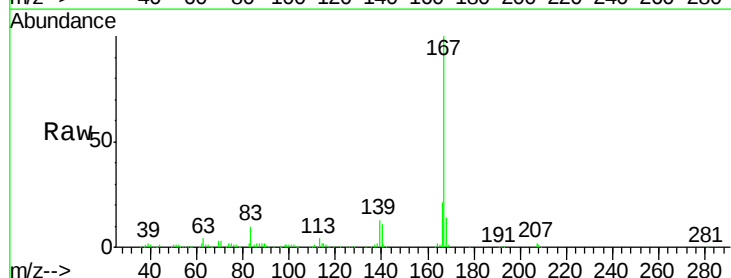
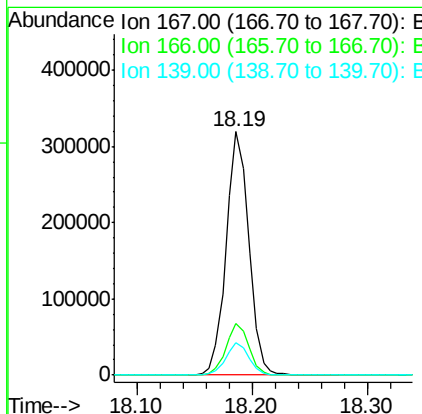
RT: 18.19 min Scan# 2584

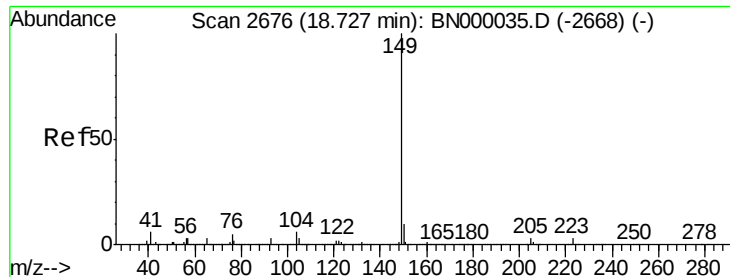
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	167	Resp:	434636
Ion Ratio	Lower	Upper	
167	100		
166	21.4	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 2.173 ng

RT: 18.72 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

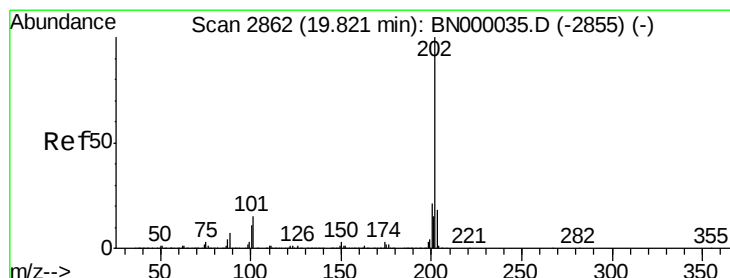
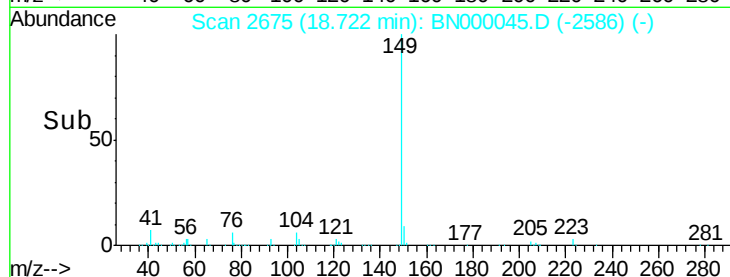
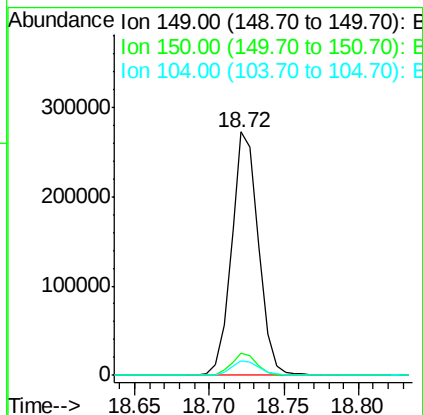
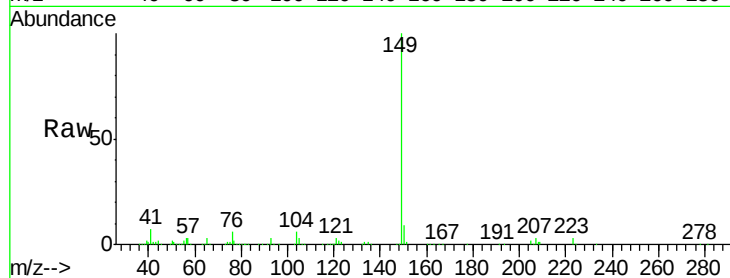
ClientSampleId :

MDL-S-07

Tot Ion:	149	Resp:	341477
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	5.8	3.9	5.9

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#74

Fluoranthene

Concen: 3.290 ng

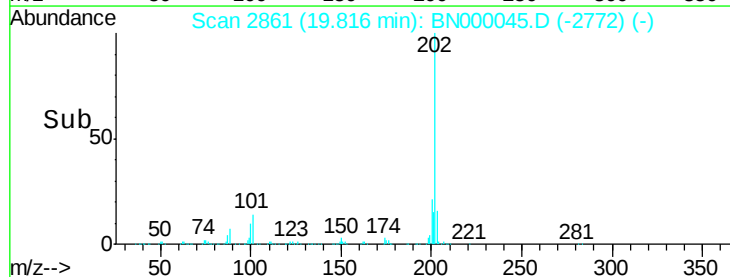
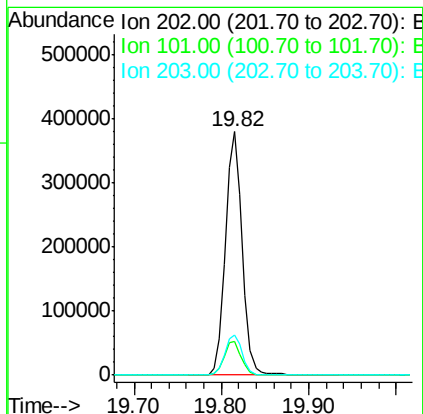
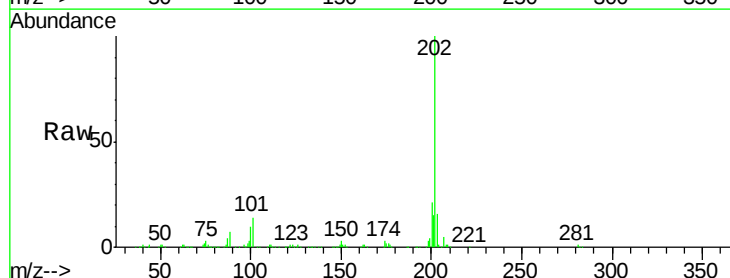
RT: 19.82 min Scan# 2861

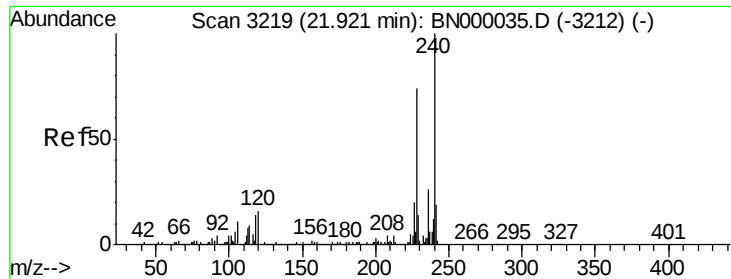
Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	202	Resp:	503683
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	28.9
203	16.4	0.0	37.5





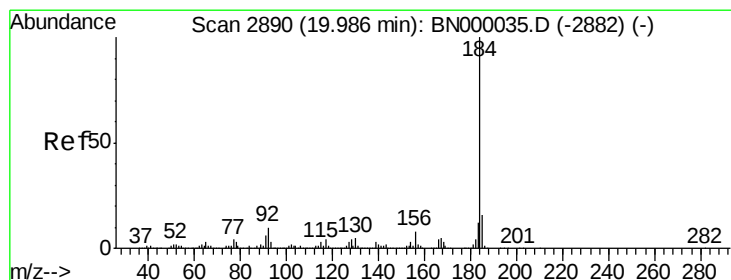
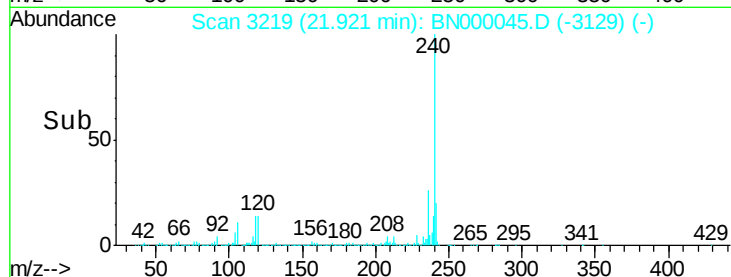
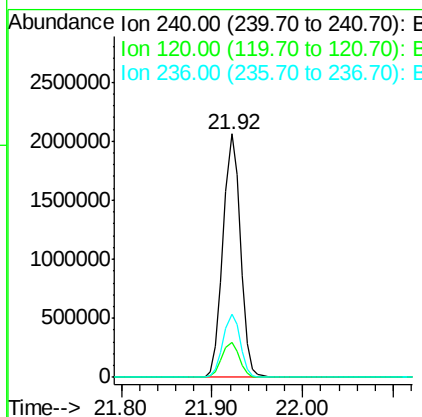
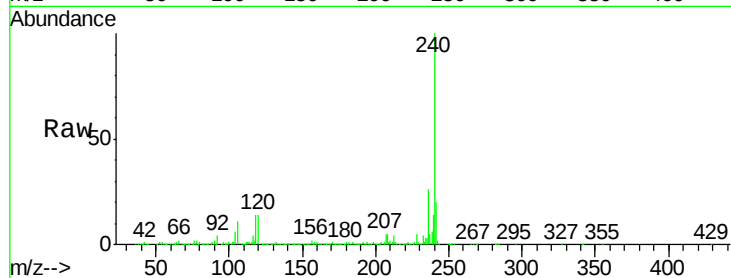
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.92 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampled :
MDL-S-07

Tot Ion:240 Resp: 2744934
Ion Ratio Lower Upper
240 100
120 14.1 6.8 10.2#
236 25.7 20.9 31.3

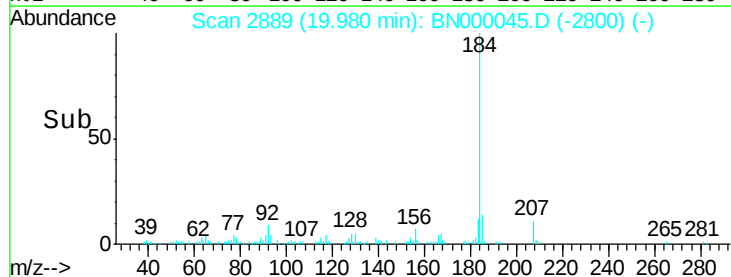
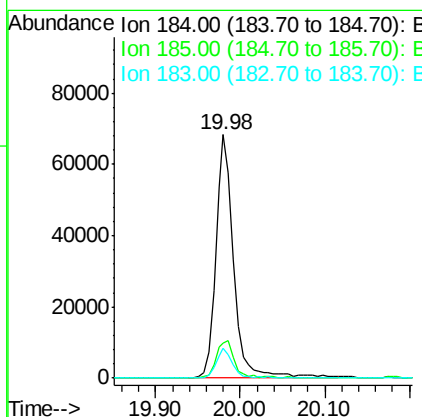
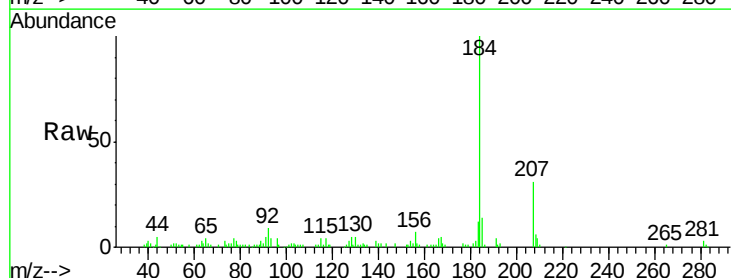
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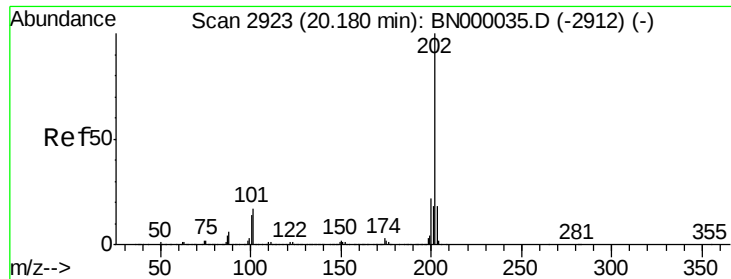
Sohil
2/8/2018 3:37:37 PM



#76
Benzidine
Concen: 1.162 ng
RT: 19.98 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion:184 Resp: 101703
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.3 10.6 16.0





#77

Pvrene

Concen: 3.150 ng

RT: 20.17 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

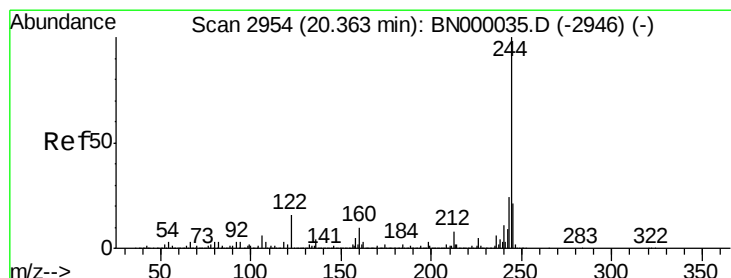
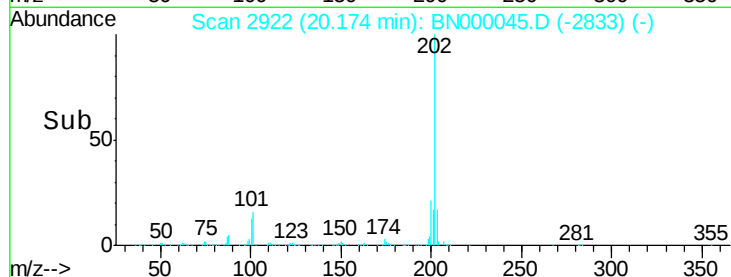
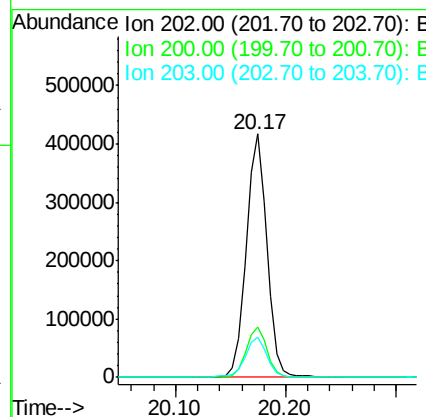
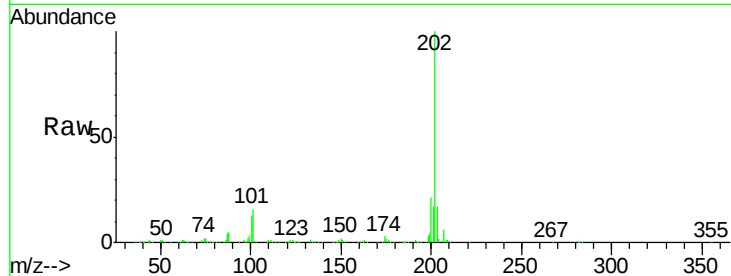
ClientSampled :

MDL-S-07

Tot Ion:	202	Resp:	549511
Ion Ratio		Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.7	13.9	20.9

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



#78

Terphenyl-d14

Concen: 95.706 ng

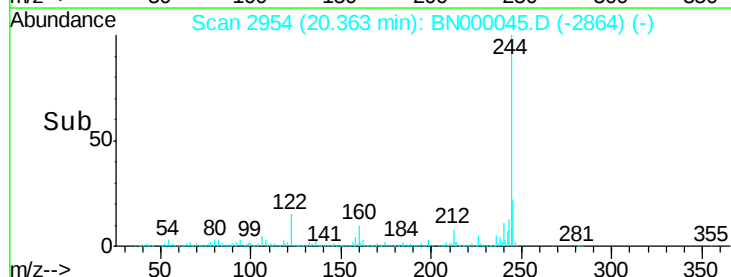
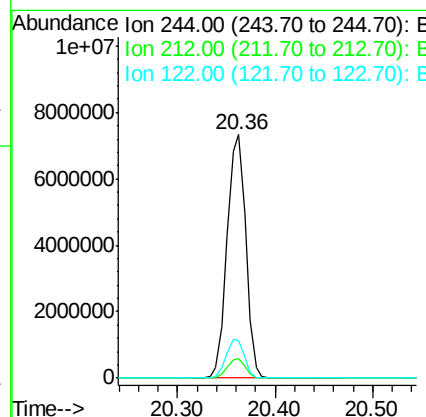
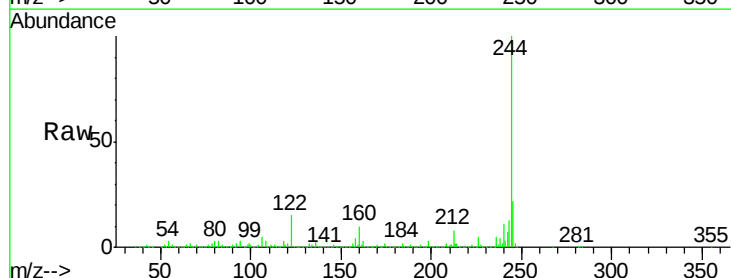
RT: 20.36 min Scan# 2954

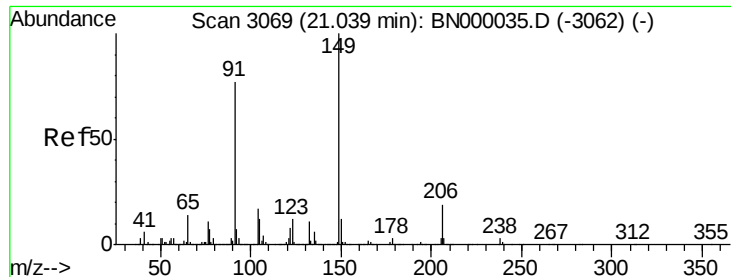
Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	244	Resp:	9729394
Ion Ratio		Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.4	7.0	10.4#





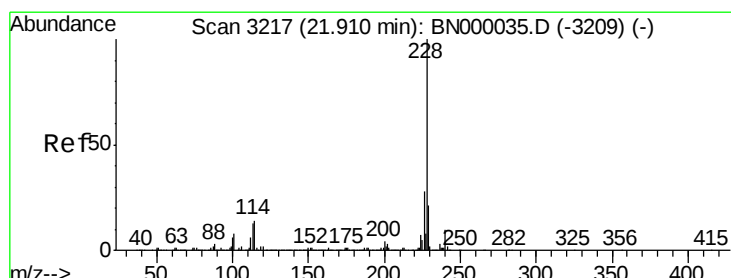
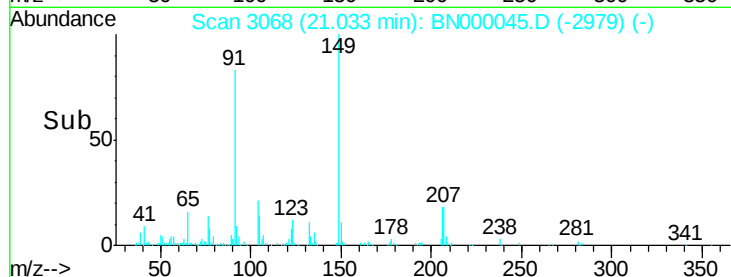
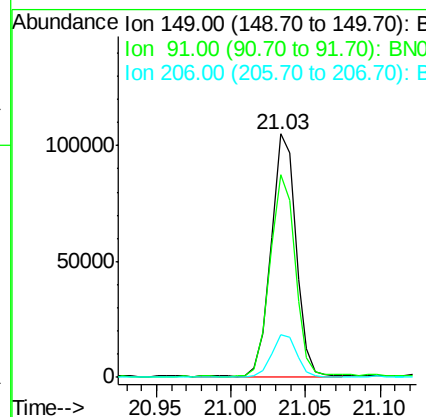
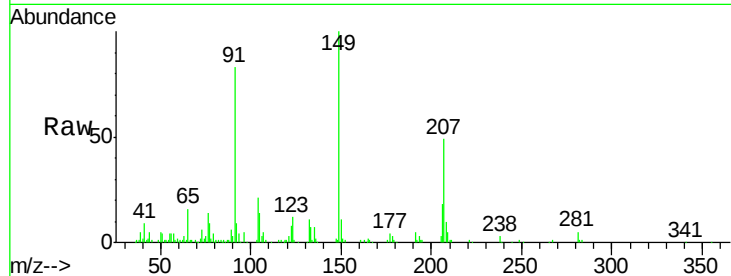
#79
Butylbenzylphthalate
Concen: 6.670 ng
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.4	62.2	93.2
206	17.7	18.6	27.8

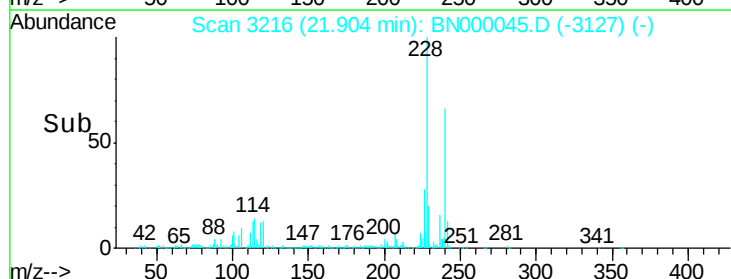
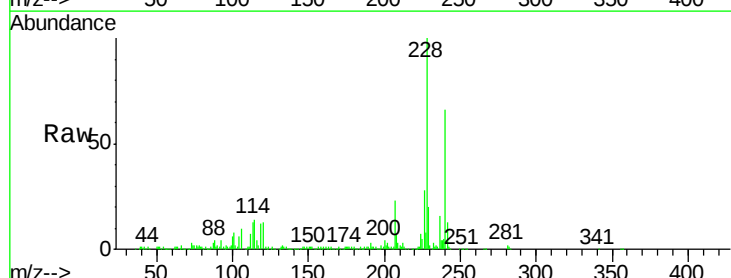
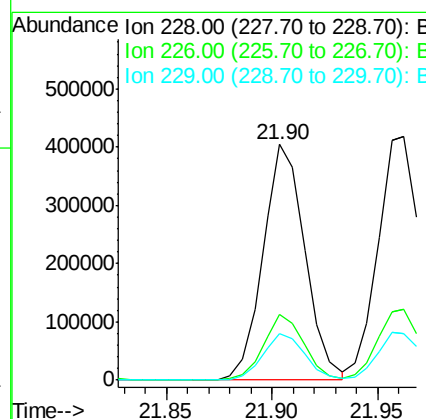
Manual Integrations
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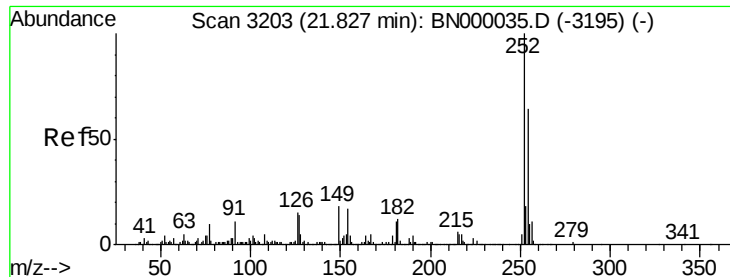
Sohil
2/8/2018 3:37:37 PM



#80
Benzo(a)anthracene
Concen: 3.302 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	19.8	16.2	24.2





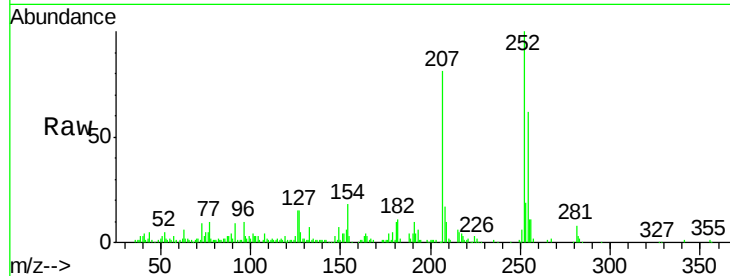
#81
 3,3'-Dichlorobenzidine
 Concen: 2.246 ng
 RT: 21.83 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-07

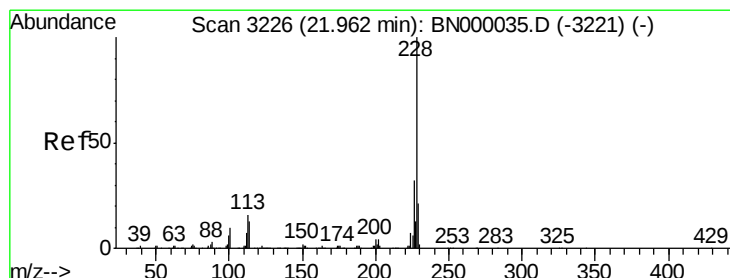
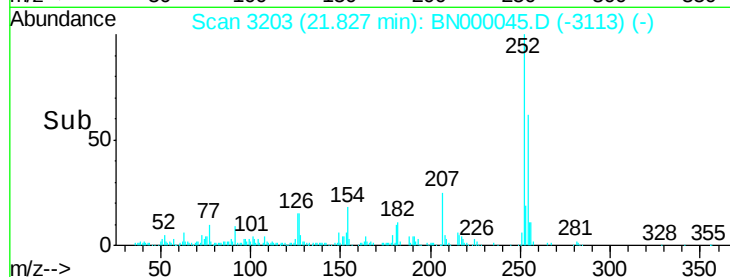
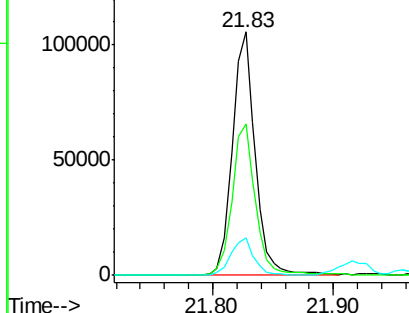
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.8	76.2
126	15.4	7.4	11.2

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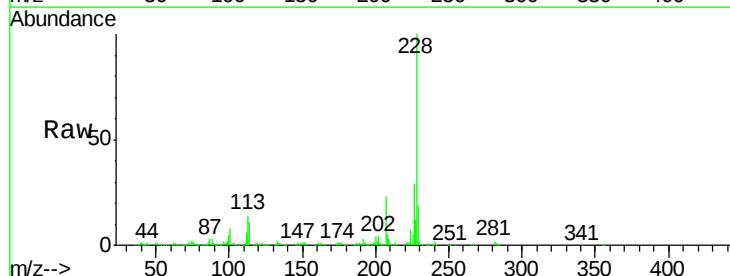


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

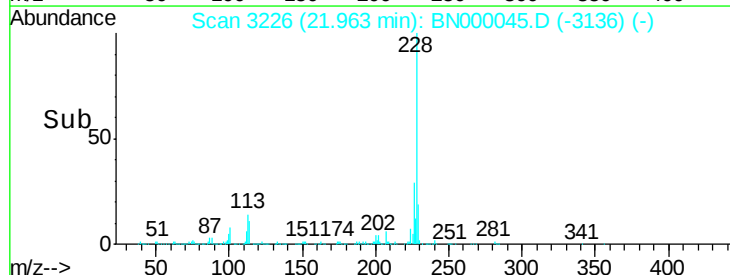
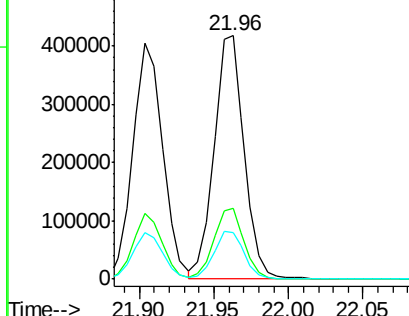


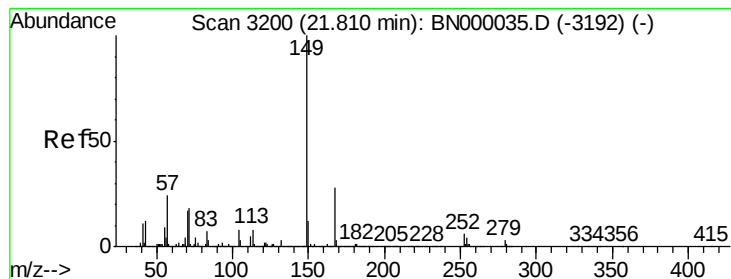
#82
 Chrysene
 Concen: 3.495 ng
 RT: 21.96 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BN000045.D
 Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	19.2	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.307 ng

RT: 21.80 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

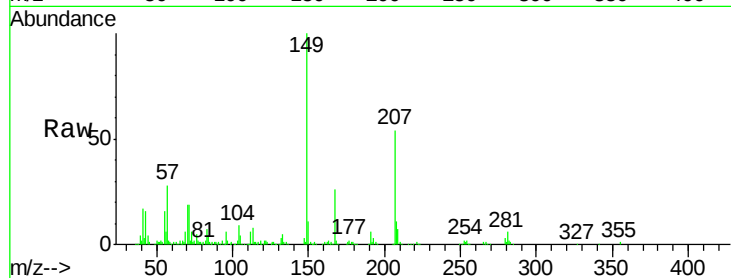
ClientSampleId :

MDL-S-07

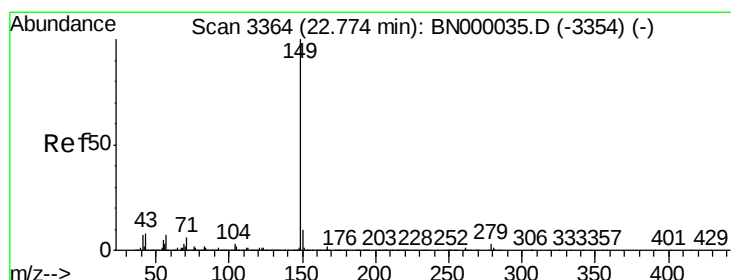
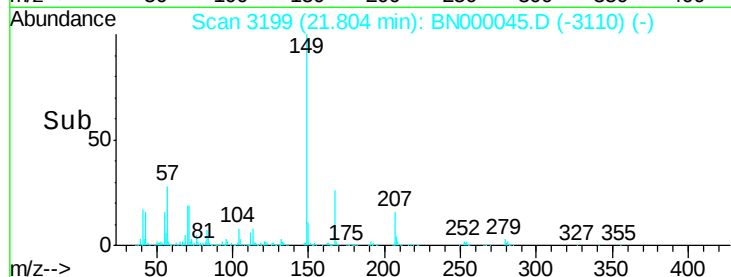
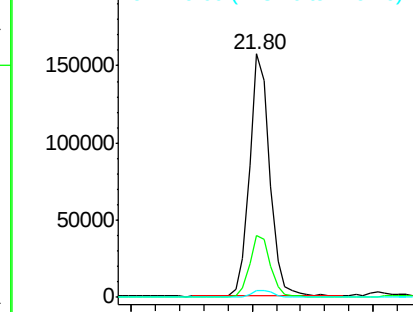
Tot Ion:	149	Resp:	183456
Ion Ratio		Lower	Upper
149	100		
167	25.5	24.3	36.5
279	2.7	4.0	6.0

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



#84

Di-n-octyl phthalate

Concen: 7.723 ng

RT: 22.77 min Scan# 3363

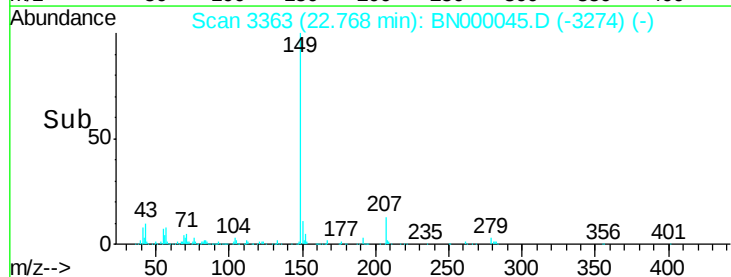
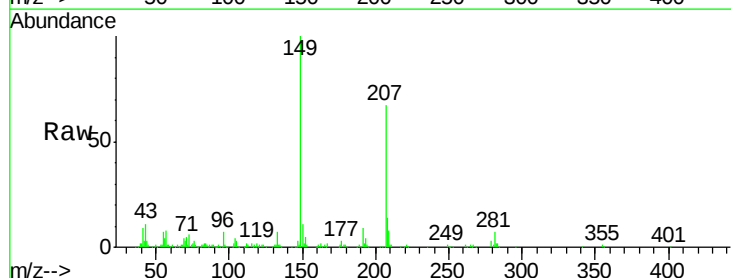
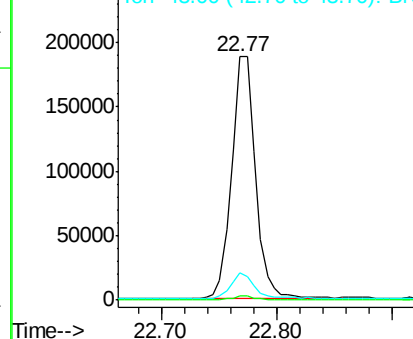
Delta R.T. -0.01 min

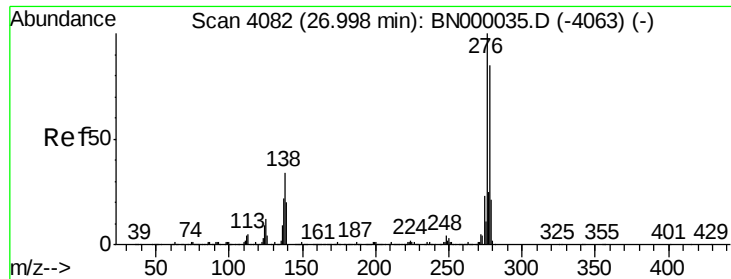
Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:	149	Resp:	271547
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.4	8.9	13.3

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





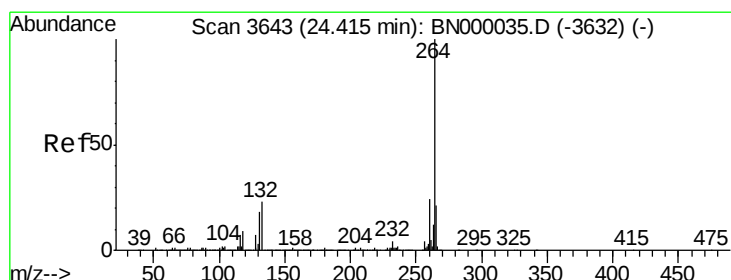
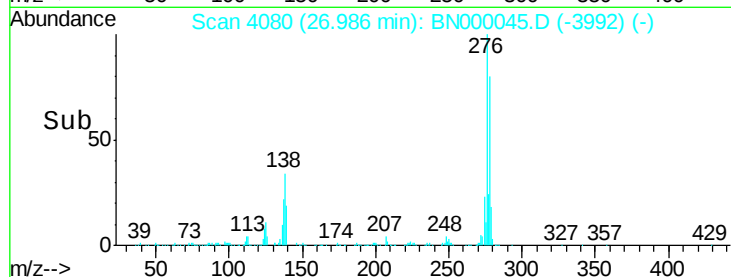
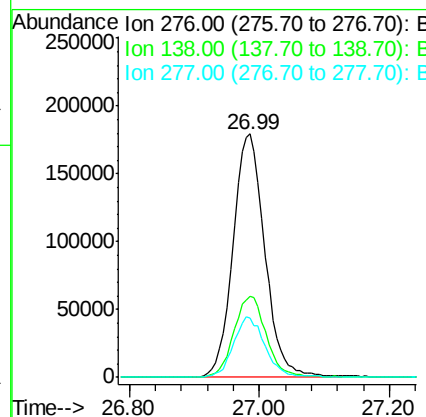
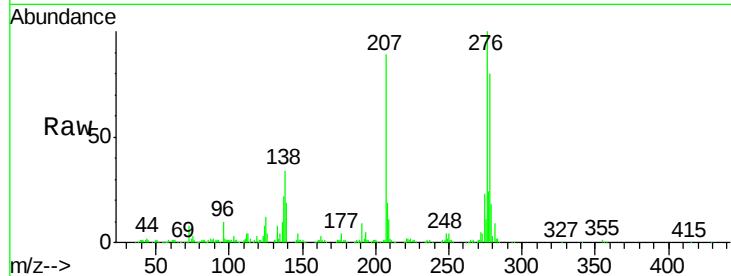
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.939 ng
RT: 26.99 min Scan# 4080
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	16.0	24.0
277	24.4	20.0	30.0

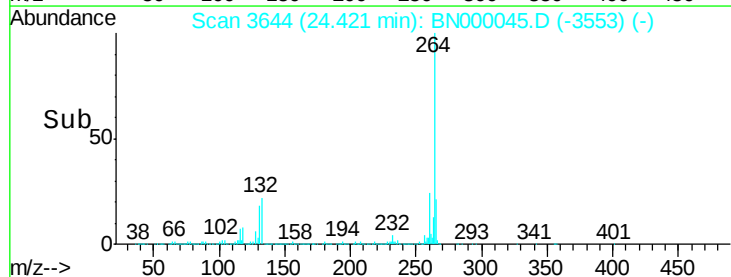
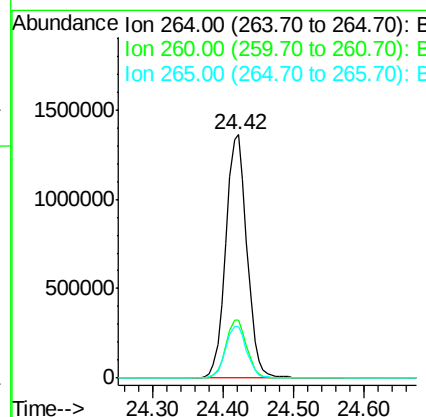
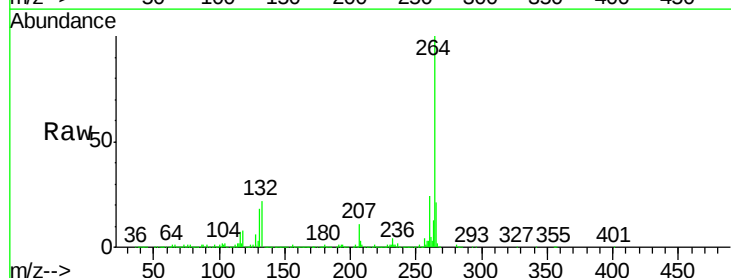
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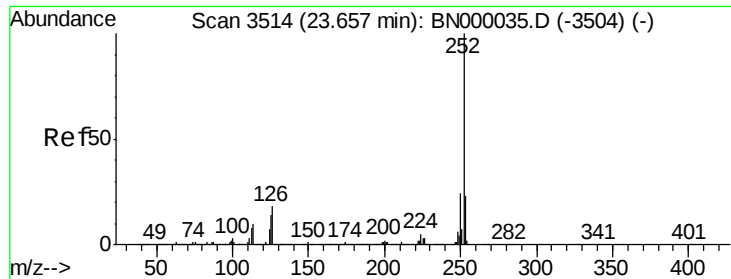
Sohil
2/8/2018 3:37:37 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.42 min Scan# 3644
Delta R.T. 0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.3	17.7	26.5





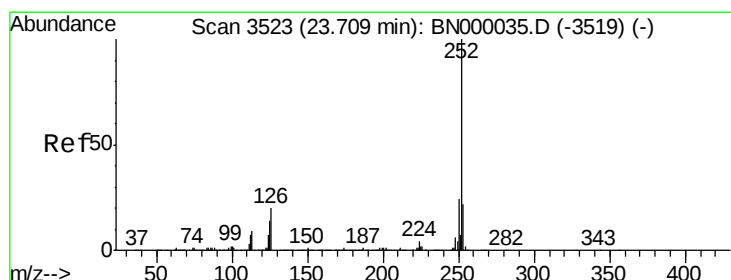
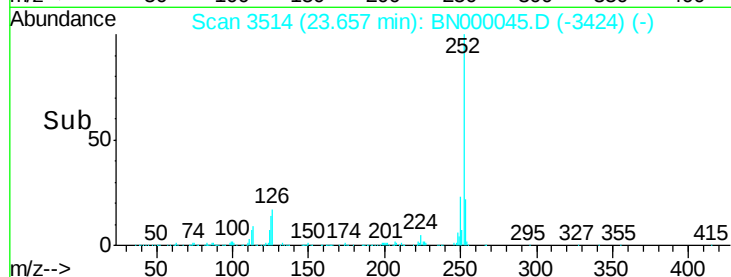
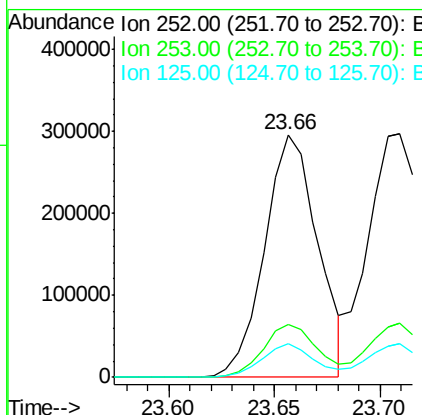
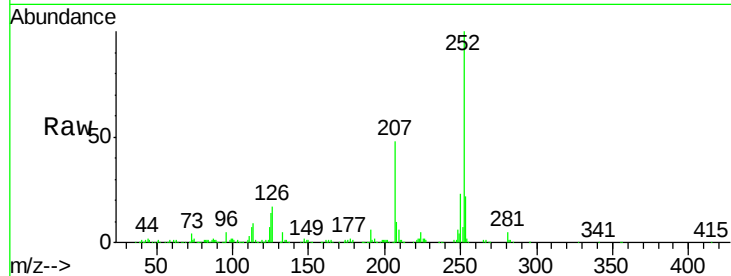
#87
Benzo(b)fluoranthene
Concen: 3.126 ng
RT: 23.66 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	13.9	7.2	10.8

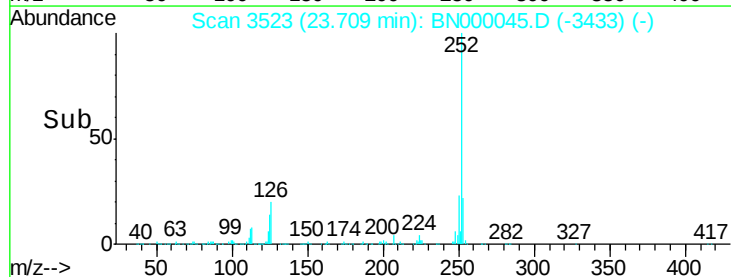
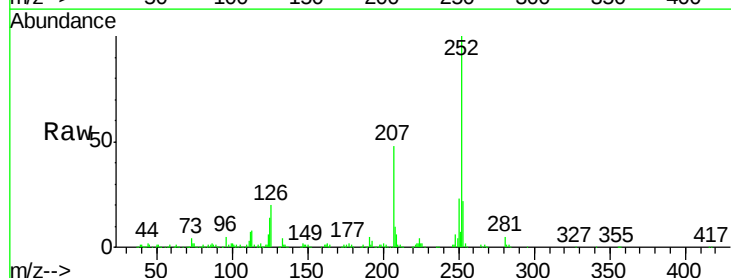
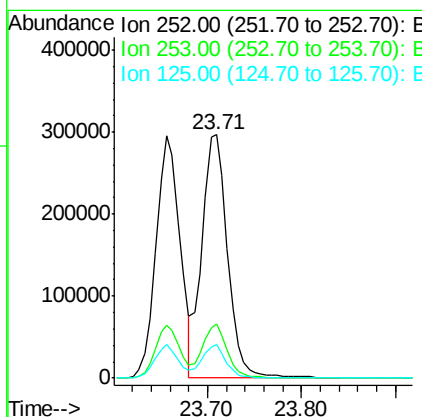
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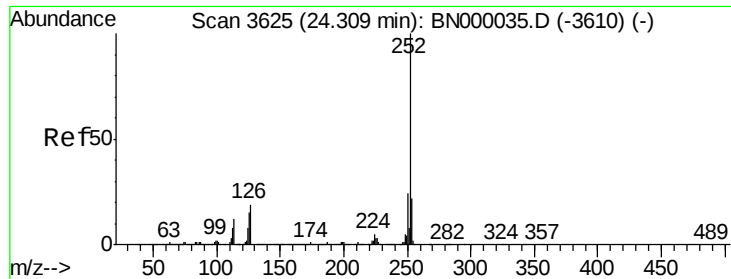
Sohil
2/8/2018 3:37:37 PM



#88
Benzo(k)fluoranthene
Concen: 3.372 ng
RT: 23.71 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	14.0	6.6	9.8





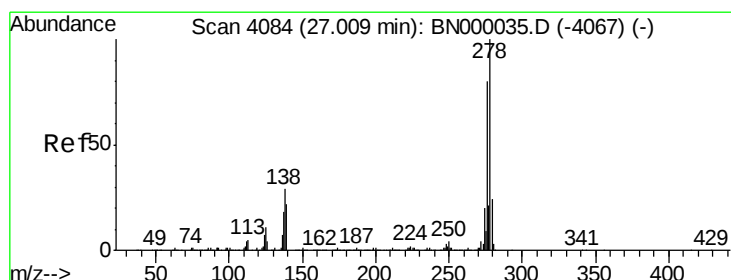
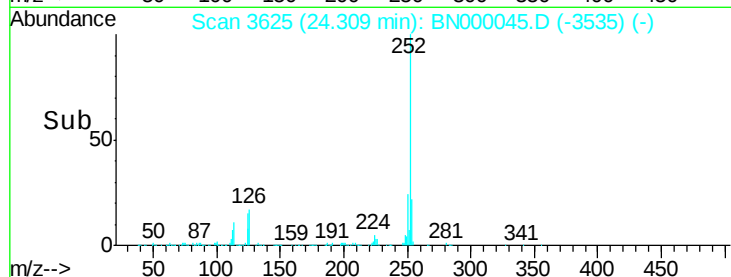
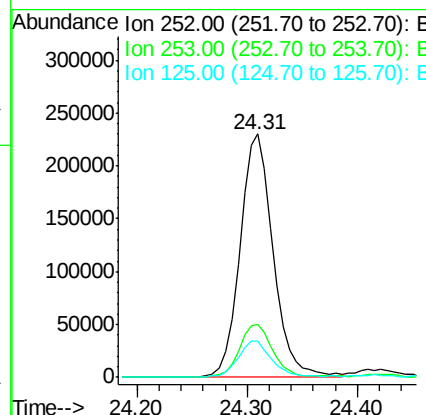
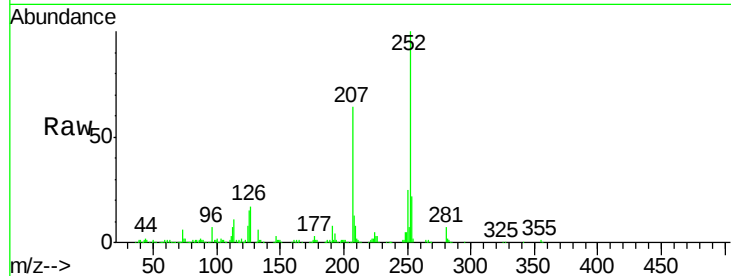
#89
Benzo(a)pyrene
Concen: 3.032 ng
RT: 24.31 min Scan# 3625
Delta R.T. 0.00 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	15.1	7.3	10.9

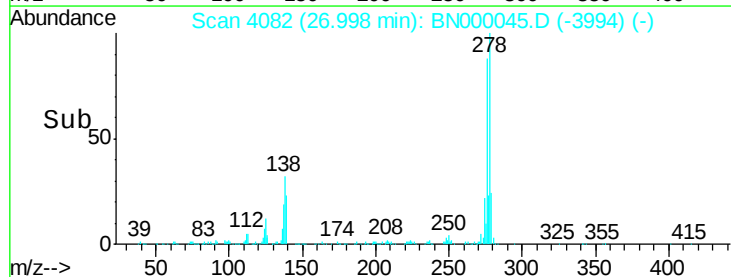
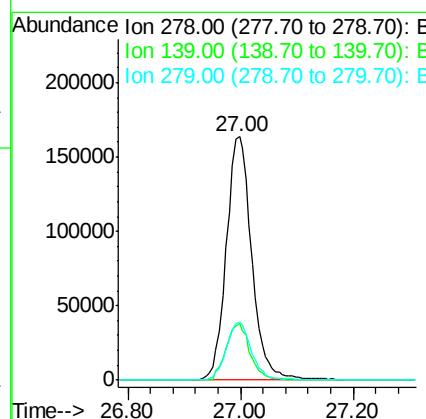
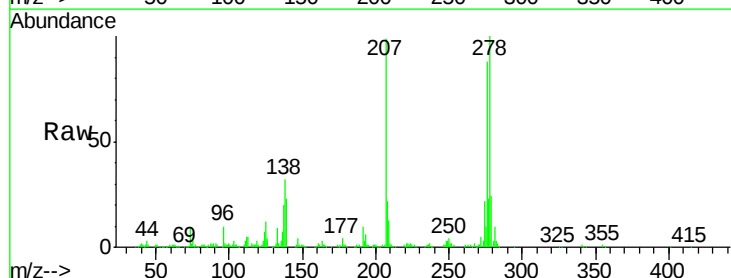
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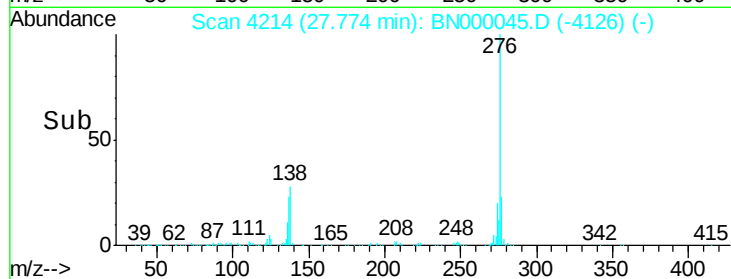
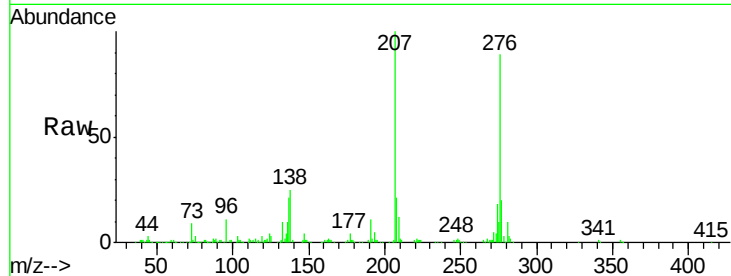
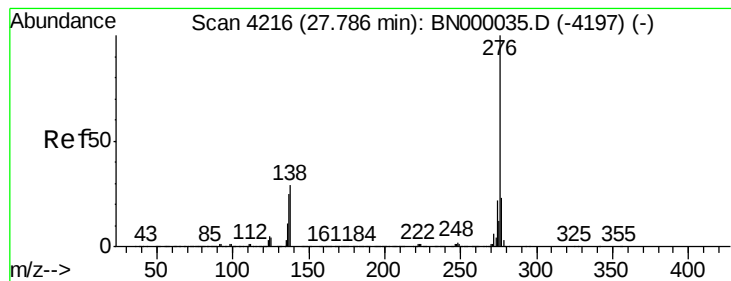
Sohil
2/8/2018 3:37:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 3.095 ng
RT: 27.00 min Scan# 4082
Delta R.T. -0.01 min
Lab File: BN000045.D
Acq: 07 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	9.8	14.6
279	23.9	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 3.034 ng

RT: 27.77 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-07

Tot Ion:	276	Resp:	510599
Ion Ratio		Lower	Upper
276	100		
277	22.8	18.3	27.5
138	27.9	13.9	20.9

Manual Integrations
APPROVED

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

