

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000016.D
 Acq On : 05 Feb 2018 13:33
 Operator : SJ/JU
 Sample : MDL-S-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Manual Integrations
 APPROVED

Sohil
 2/6/2018 5:15:25 PM

Quant Time: Feb 06 16:53:56 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	293801	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	1446716	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	853902	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	1934265	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2246983	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2410393	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2464807	123.70	ng	0.00
7) Phenol-d6	7.59	99	3525895	116.49	ng	0.00
23) Nitrobenzene-d5	9.65	82	2266443	94.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.56	330	1028316	119.80	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5997805	94.07	ng	0.00
78) Terphenyl-d14	20.37	244	8019213	94.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	24628	3.124	ng	92
3) Pyridine	4.15	79	58068	2.429	ng	# 88
4) n-Nitrosodimethylamine	4.02	42	17306	2.460	ng	# 95
6) Aniline	7.78	93	109545	2.655	ng	90
8) 2-Chlorophenol	8.03	128	64973	2.947	ng	92
9) Benzaldehyde	7.59	77	64097	1.782	ng	99
10) Phenol	7.62	94	89544	2.894	ng	93
11) bis(2-Chloroethyl)ether	7.88	93	73870	2.993	ng	84
12) 1,3-Dichlorobenzene	8.36	146	74645	3.050	ng	97
13) 1,4-Dichlorobenzene	8.52	146	77562	3.086	ng	96
14) 1,2-Dichlorobenzene	8.84	146	77385	3.116	ng	95
15) Benzyl Alcohol	8.71	79	49695	2.236	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.00	45	78678	2.947	ng	79
17) 2-Methylphenol	8.90	107	52515	2.354	ng	91
18) Hexachloroethane	9.58	117	23494	2.726	ng	# 79
19) n-Nitroso-di-n-propylamine	9.28	70	45747	2.243	ng	# 81
20) 3+4-Methylphenols	9.23	107	69561	2.226	ng	95
22) Acetophenone	9.30	105	119112	2.788	ng	# 88
24) Nitrobenzene	9.69	77	89758	3.498	ng	# 94
25) Isophorone	10.22	82	129056	2.277	ng	95
26) 2-Nitrophenol	10.42	139	14508	1.617	ng	92
27) 2,4-Dimethylphenol	10.46	122	60698	2.612	ng	96
28) bis(2-Chloroethoxy)methane	10.70	93	89470	2.737	ng	97
29) 2,4-Dichlorophenol	10.95	162	40592	2.036	ng	94
30) 1,2,4-Trichlorobenzene	11.17	180	72984	3.126	ng	91
31) Naphthalene	11.37	128	251914	3.105	ng	98
32) Benzoic acid	10.47	122	13340m	7.401	ng	
33) 4-Chloroaniline	11.46	127	92662	2.463	ng	94
34) Hexachlorobutadiene	11.65	225	37837	3.181	ng	93
35) Caprolactam	12.18	113	12995	1.466	ng	98
36) 4-Chloro-3-methylphenol	12.54	107	47988	1.770	ng	87
37) 2-Methylnaphthalene	12.95	142	163302	2.848	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	77526	3.117	ng	# 95
40) Hexachlorocyclopentadiene	13.28	237	20256	2.438	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.52	196	26366m	1.793	nq	
43) 2,4,5-Trichlorophenol	13.59	196	30406	1.756	nq	# 93
45) 1,1'-Biphenyl	13.93	154	246344	3.229	nq	98
46) 2-Chloronaphthalene	13.97	162	176209	3.076	nq	95
47) 2-Nitroaniline	14.16	65	23094	1.493	nq	98
48) Acenaphthylene	14.81	152	241951	2.516	nq	98
49) Dimethylphthalate	14.52	163	195470	2.561	nq	97
50) 2,6-Dinitrotoluene	14.65	165	21109	1.398	nq	90
51) Acenaphthene	15.15	154	177114	2.918	nq	98
52) 3-Nitroaniline	14.97	138	25986	1.394	nq	# 94
53) 2,4-Dinitrophenol	15.17	184	4847	6.035	nq	80
54) Dibenzofuran	15.47	168	270219	3.103	nq	96
55) 4-Nitrophenol	15.25	139	15995	1.139	nq	# 86
56) 2,4-Dinitrotoluene	15.42	165	22427	1.103	nq	# 86
57) Fluorene	16.12	166	211217	2.880	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	23125	1.640	nq	# 77
59) Diethylphthalate	15.87	149	186140	2.334	nq	95
60) 4-Chlorophenyl-phenylether	16.10	204	99024	3.055	nq	93
61) 4-Nitroaniline	16.12	138	26622	1.342	nq	91
62) Azobenzene	16.40	77	189274	2.375	nq	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	8552	1.206	nq	83
65) n-Nitrosodiphenylamine	16.32	169	167258	2.646	nq	98
66) 4-Bromophenyl-phenylether	17.00	248	51857	2.865	nq	# 87
67) Hexachlorobenzene	17.11	284	65001	3.117	nq	# 86
68) Atrazine	17.24	200	42044	2.182	nq	96
69) Pentachlorophenol	17.45	266	19629	1.572	nq	89
70) Phenanthrene	17.85	178	369476	3.175	nq	99
71) Anthracene	17.94	178	309764	2.687	nq	98
72) Carbazole	18.20	167	313291	2.626	nq	96
73) Di-n-butylphthalate	18.74	149	226847	1.712	nq	# 97
74) Fluoranthene	19.82	202	350668	2.654	nq	95
76) Benzidine	19.99	184	98880	1.738	nq	# 94
77) Pyrene	20.18	202	399032	2.815	nq	100
79) Butylbenzylphthalate	21.05	149	68768	1.097	nq	# 84
80) Benzo(a)anthracene	21.91	228	394459	2.831	nq	98
81) 3,3'-Dichlorobenzidine	21.83	252	84325	1.806	nq	# 98
82) Chrysene	21.97	228	450299	3.255	nq	96
83) Bis(2-ethylhexyl)phthalate	21.82	149	121255	1.297	nq	# 93
84) Di-n-octyl phthalate	22.79	149	161104	1.065	nq	95
85) Indeno(1,2,3-cd)pyrene	27.00	276	453782	2.543	nq	# 87
87) Benzo(b)fluoranthene	23.67	252	392035	2.735	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	403670	2.809	nq	# 96
89) Benzo(a)pyrene	24.32	252	348849	2.506	nq	# 93
90) Dibenzo(a,h)anthracene	27.02	278	378369	2.596	nq	# 91
91) Benzo(g,h,i)perylene	27.79	276	384904	2.599	nq	# 91

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

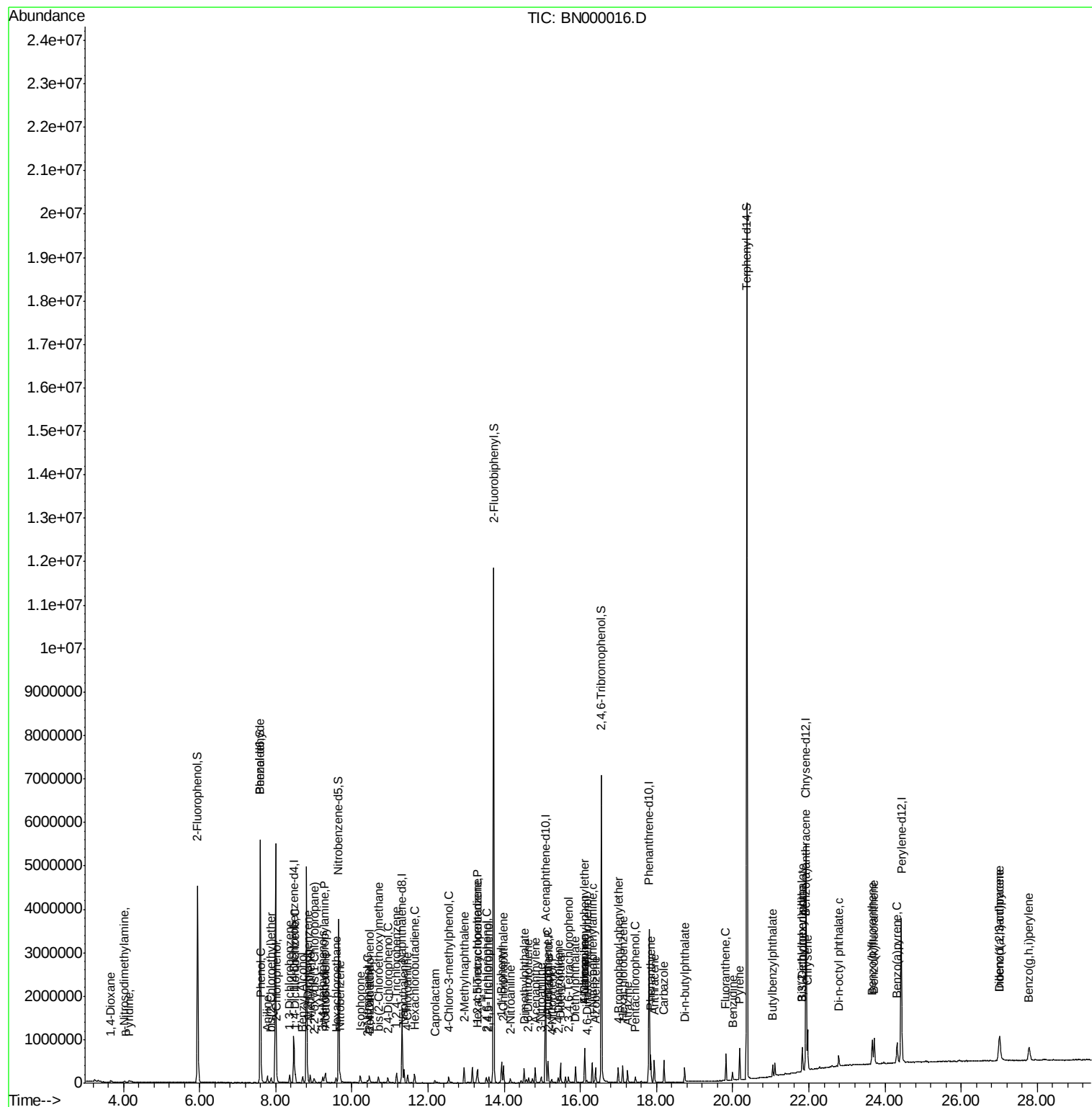
Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
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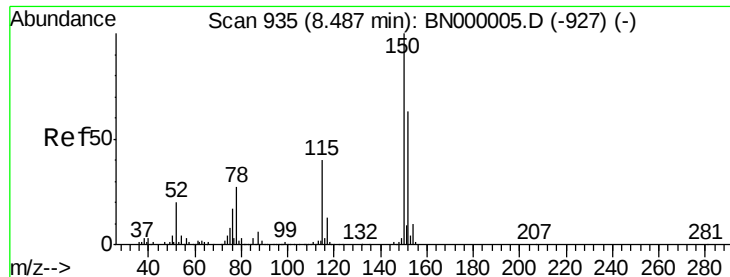
Instrument :
BNA_N
ClientSampled :
MDL-S-03

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

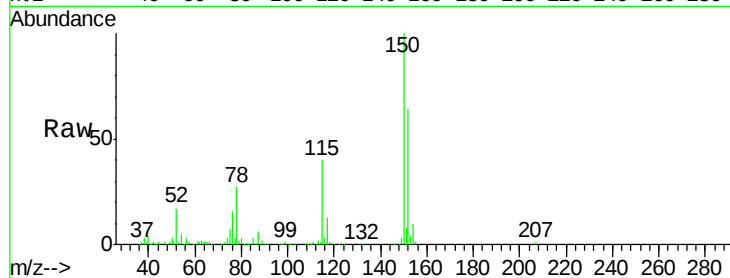
ClientSampled :

MDL-S-03

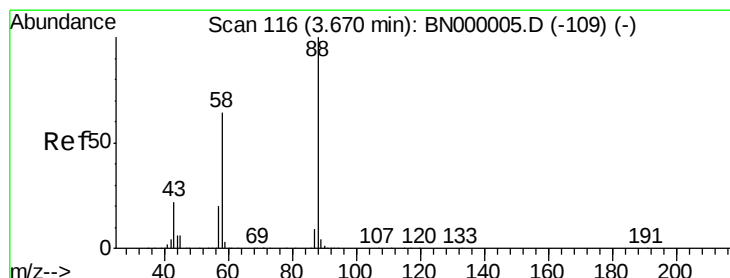
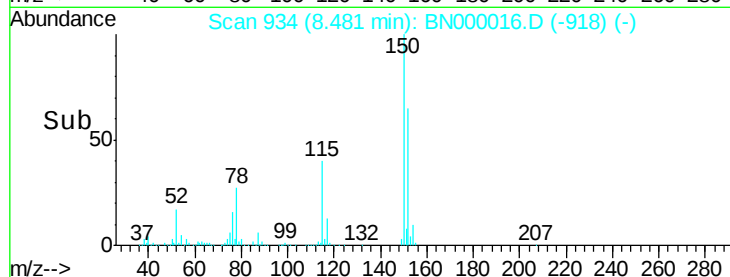
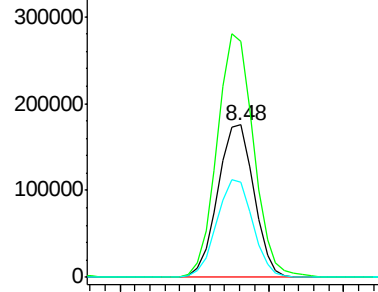
Tot Ion:	152	Resp:	293801
Ion Ratio	Lower	Upper	
152	100		
150	155.2	126.6	189.8
115	62.4	53.0	79.4

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.124 ng

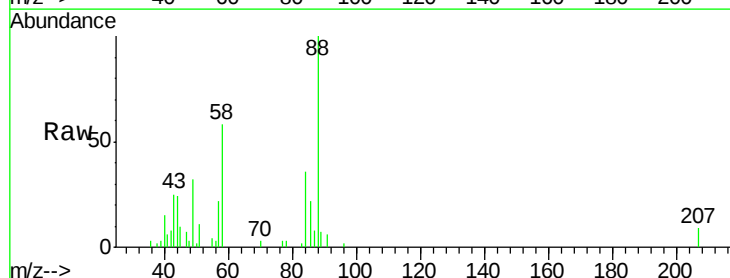
RT: 3.66 min Scan# 115

Delta R.T. -0.01 min

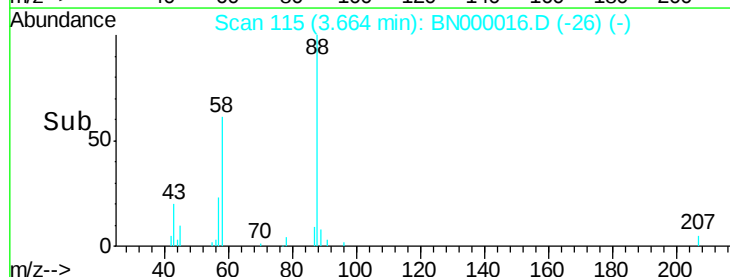
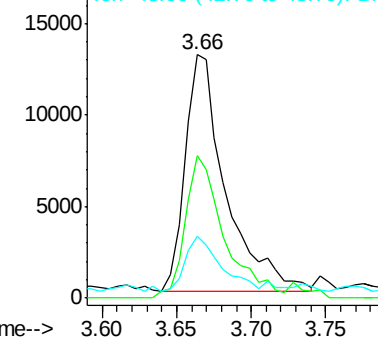
Lab File: BN000016.D

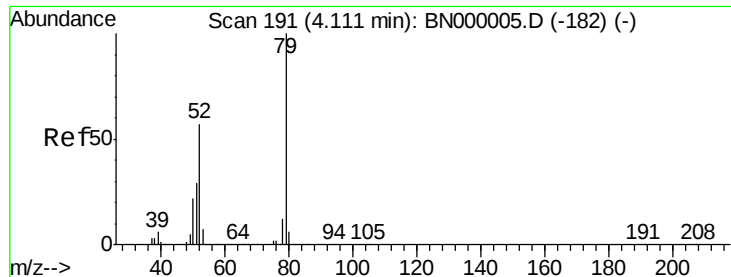
Acq: 05 Feb 2018 13:33

Tgt Ion:	88	Resp:	24628
Ion Ratio	Lower	Upper	
88	100		
58	57.6	52.0	78.0
43	22.3	20.0	30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 2.429 ng

RT: 4.15 min Scan# 197

Delta R.T. 0.03 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

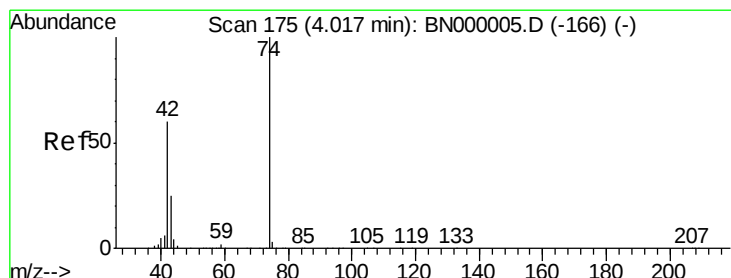
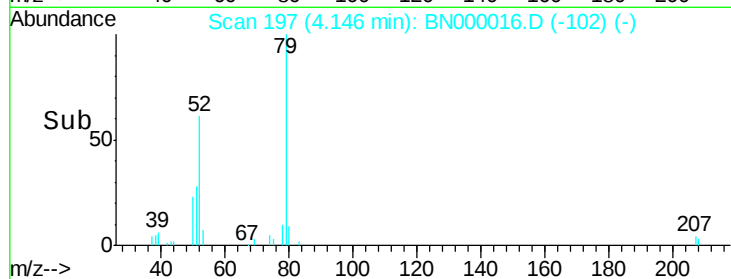
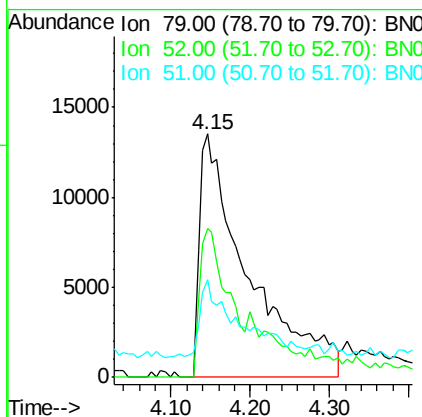
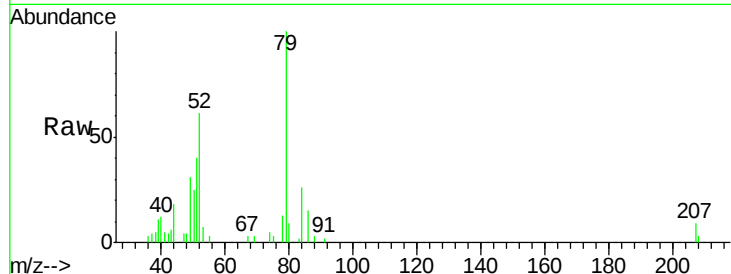
ClientSampled :

MDL-S-03

Tot Ion:	79	Resp:	58068
Ion Ratio	Lower	Upper	
79	100		
52	61.0	44.0	66.0
51	39.9	24.0	36.0#

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#4

n-Nitrosodimethylamine

Concen: 2.460 ng

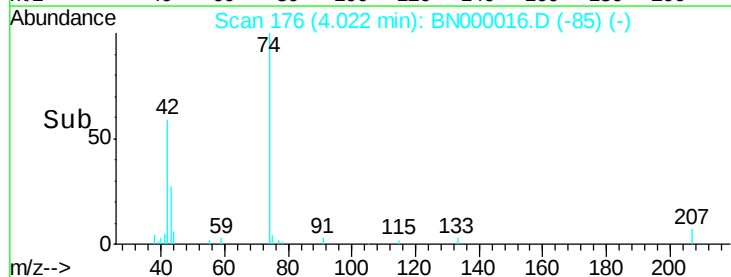
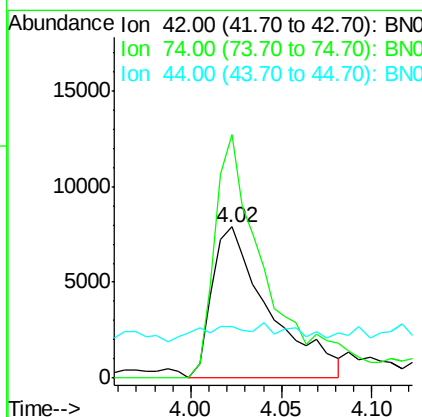
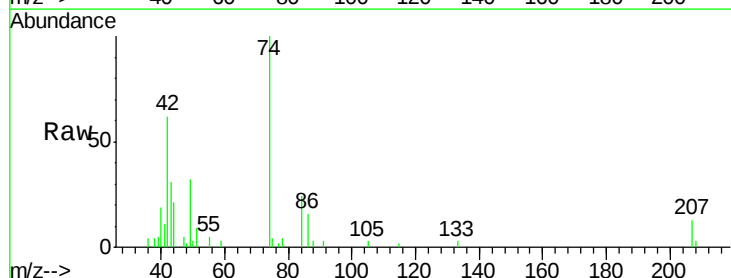
RT: 4.02 min Scan# 176

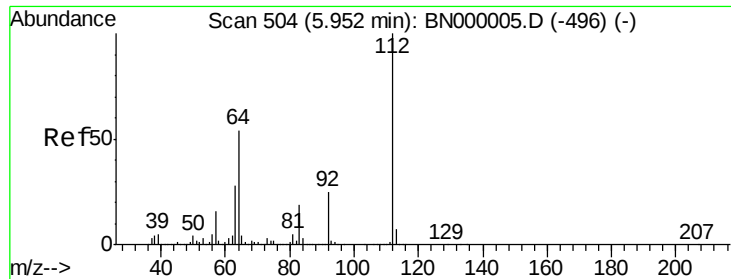
Delta R.T. 0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	42	Resp:	17306
Ion Ratio	Lower	Upper	
42	100		
74	161.1	128.0	192.0
44	34.6	12.0	18.0#





#5

2-Fluorophenol

Concen: 123.696 ng

RT: 5.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampled :

MDL-S-03

Tot Ion:112 Resp: 2464807

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

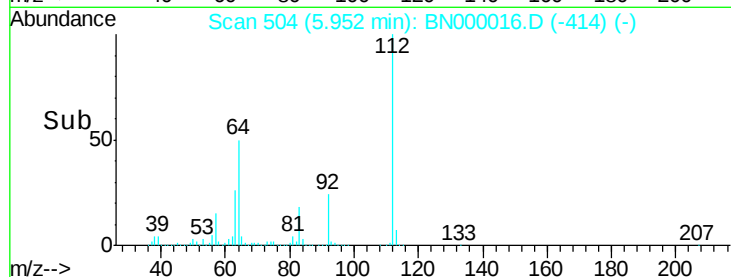
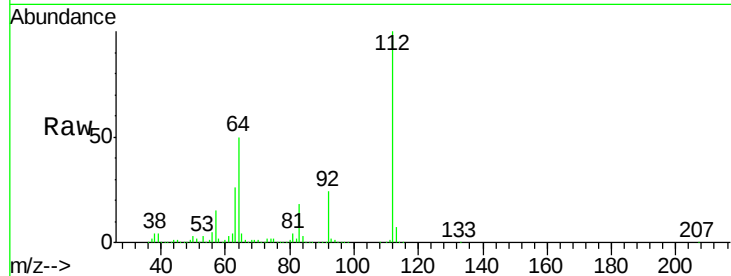
63 26.3 30.1 45.1#

Manual Integrations

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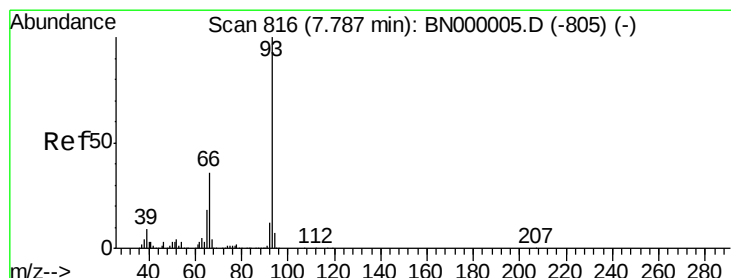
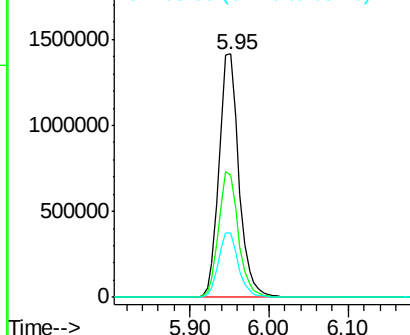
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 2.655 ng

RT: 7.78 min Scan# 815

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

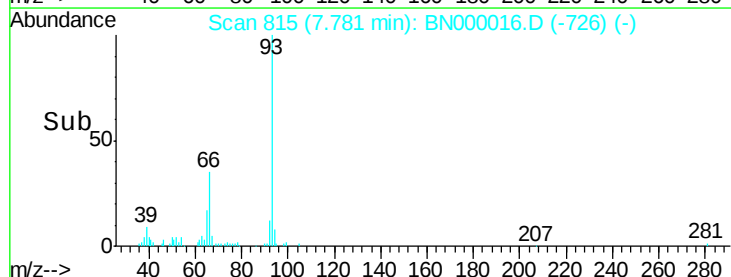
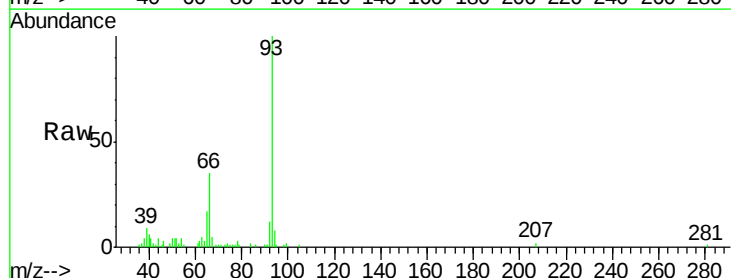
Tgt Ion: 93 Resp: 109545

Ion Ratio Lower Upper

93 100

66 34.5 33.7 50.5

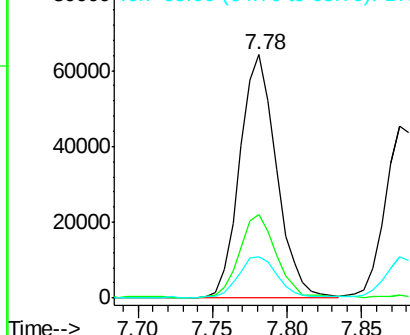
65 17.3 16.1 24.1

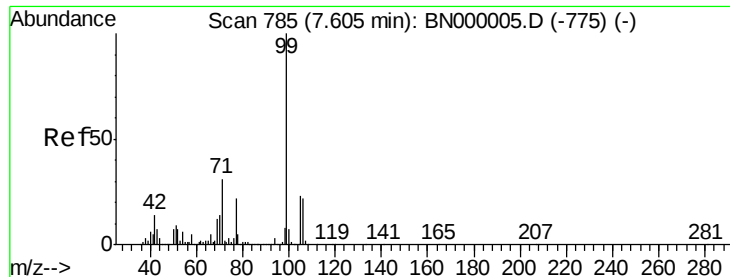


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 116.492 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampled :

MDL-S-03

Tot Ion: 99 Resp: 3525895

Ion Ratio Lower Upper

99 100

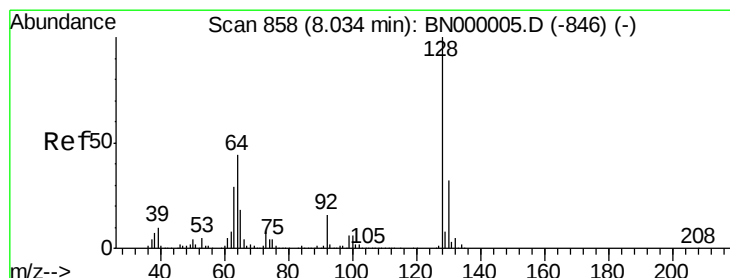
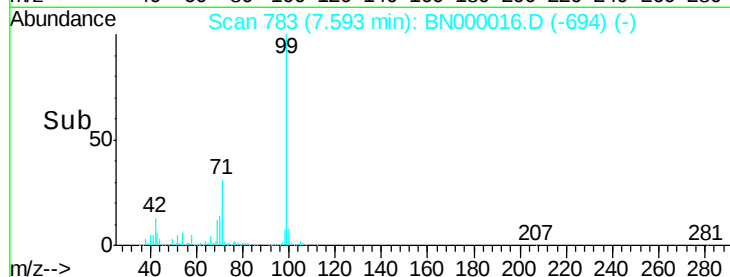
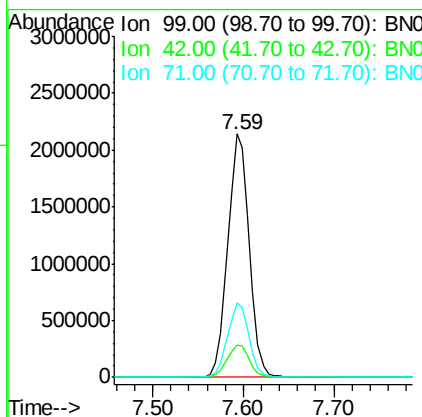
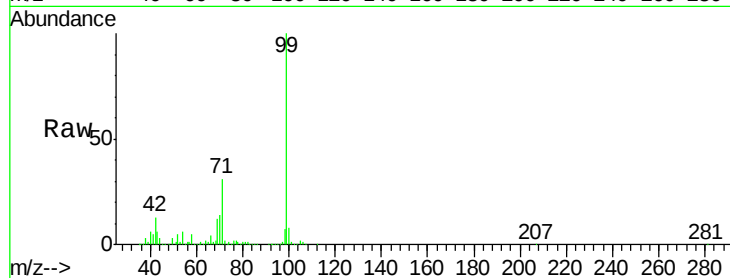
42 13.4 14.1 21.1#

71 30.6 26.1 39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 2.947 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

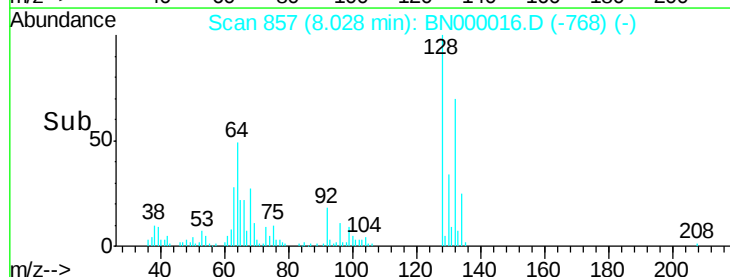
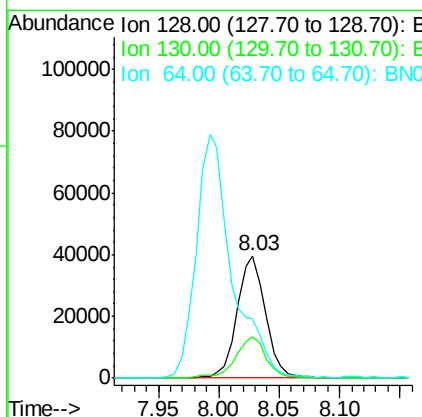
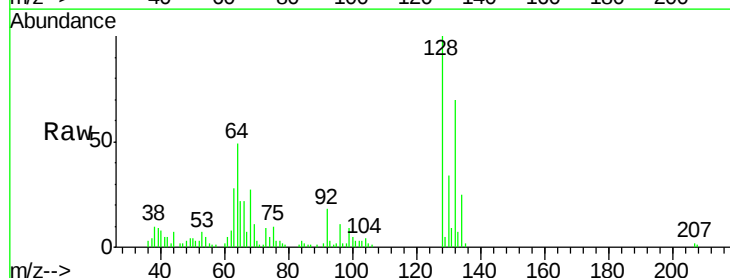
Tgt Ion: 128 Resp: 64973

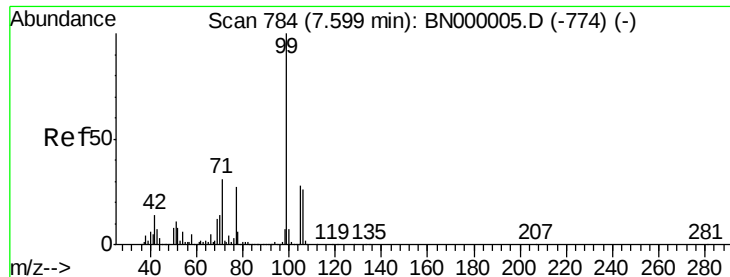
Ion Ratio Lower Upper

128 100

130 33.6 14.0 54.0

64 48.6 37.7 77.7





#9

Benzaldehyde

Concen: 1.782 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

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Instrument :

BNA_N

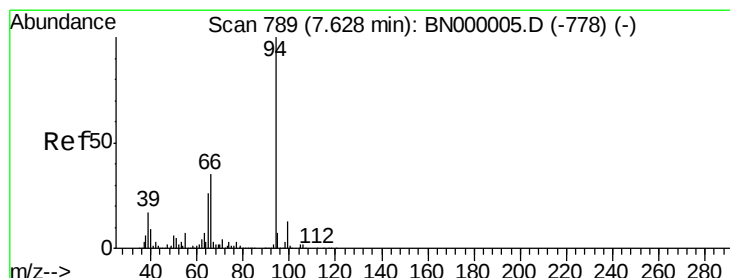
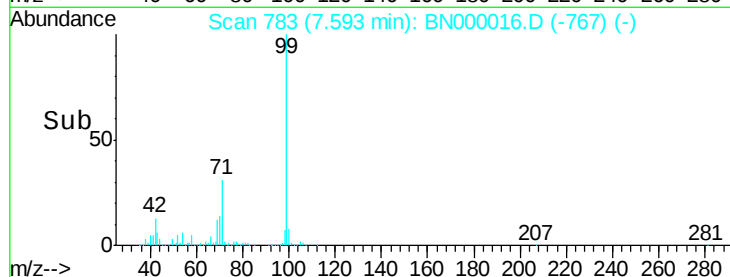
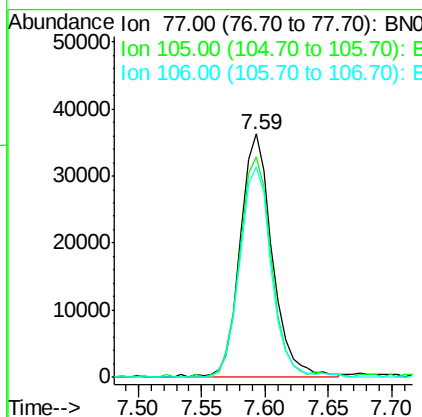
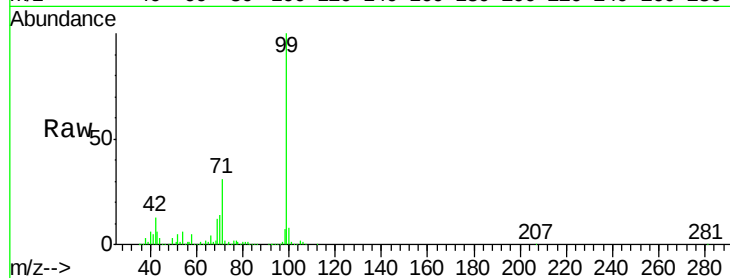
ClientSampleId :

MDL-S-03

Tot Ion:	77	Resp:	64097
Ion	Ratio	Lower	Upper
77	100		
105	90.8	71.3	111.3
106	86.4	64.2	104.2

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#10

Phenol

Concen: 2.894 ng

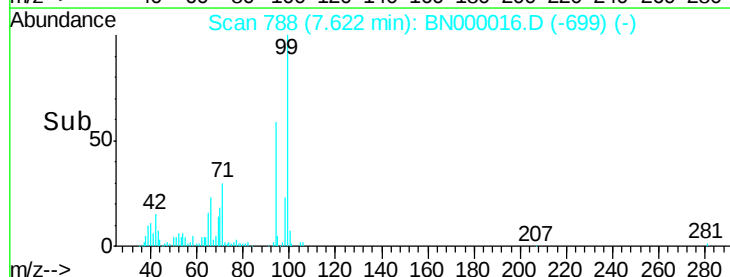
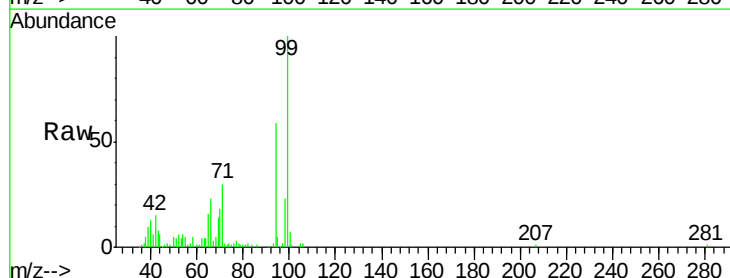
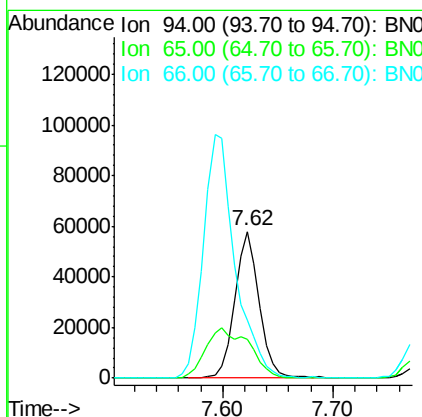
RT: 7.62 min Scan# 788

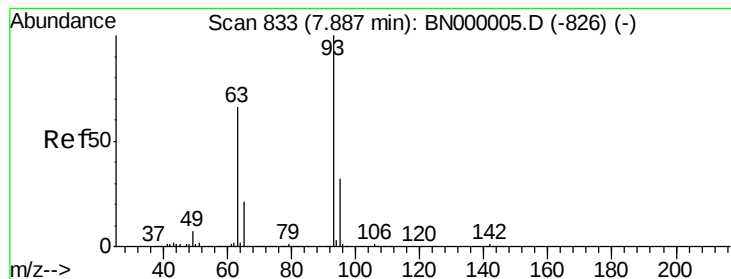
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	94	Resp:	89544
Ion	Ratio	Lower	Upper
94	100		
65	26.5	11.9	51.9
66	39.5	22.2	62.2





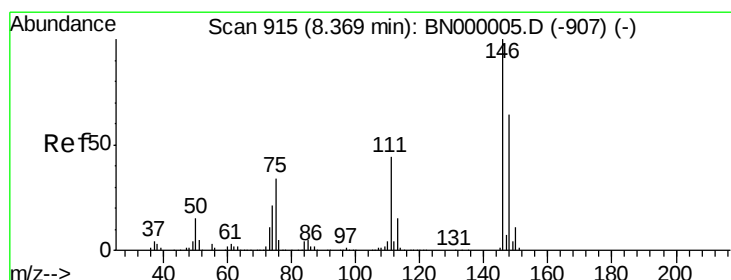
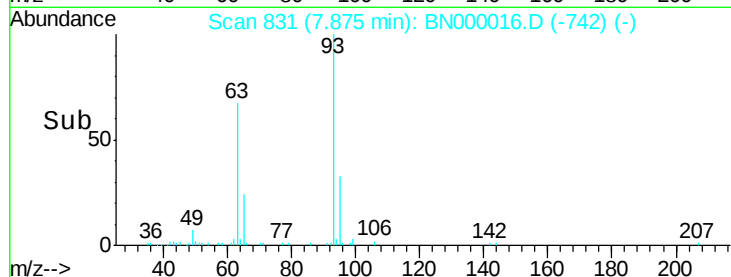
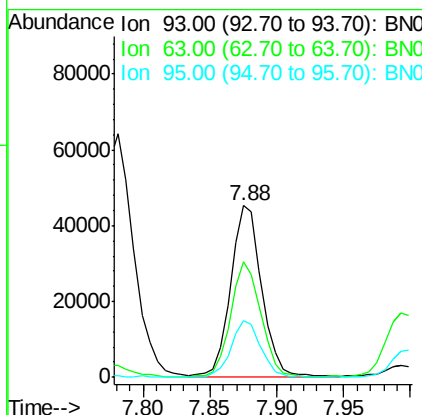
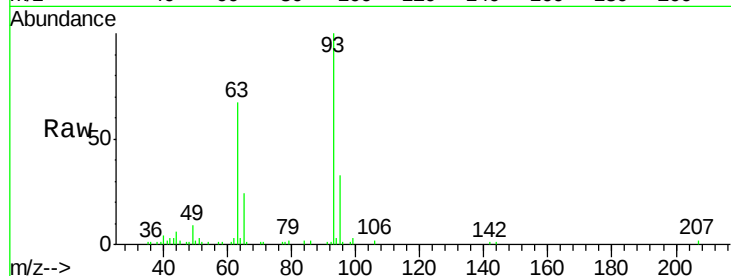
#11
bis(2-Chloroethyl)ether
Concen: 2.993 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.4	67.1	107.1
95	32.8	11.5	51.5

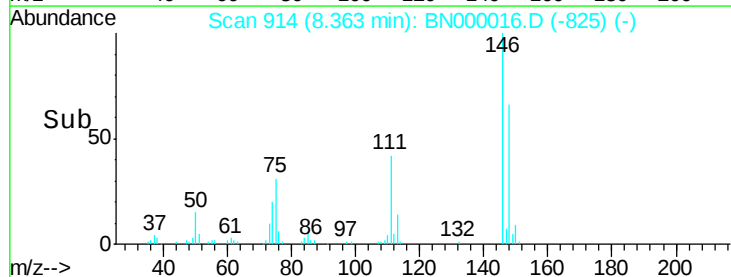
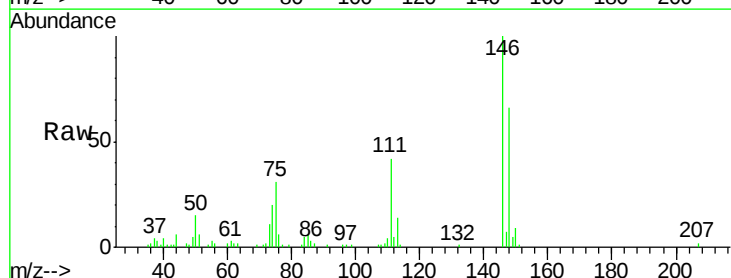
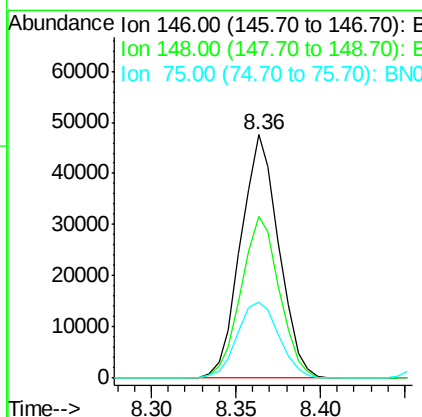
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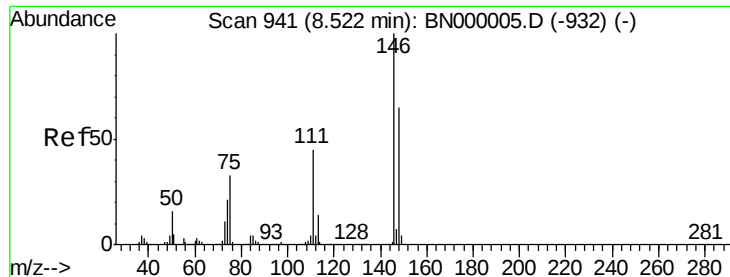
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#12
1,3-Dichlorobenzene
Concen: 3.050 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.2
75	31.3	26.6	39.8





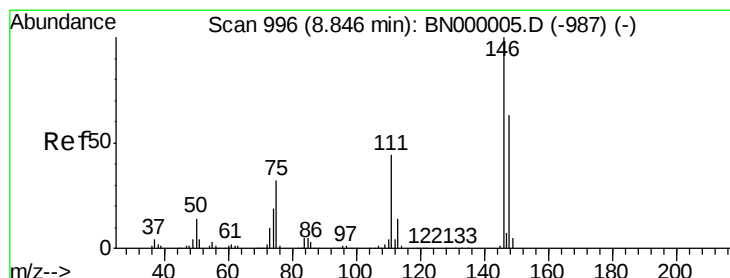
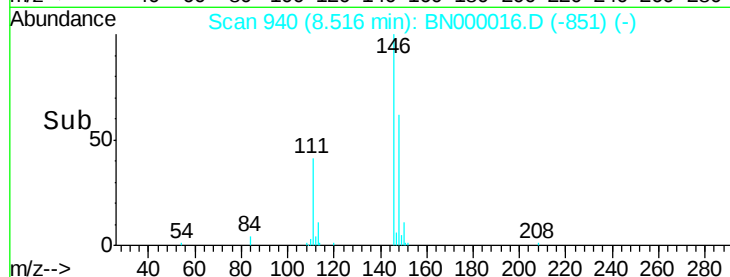
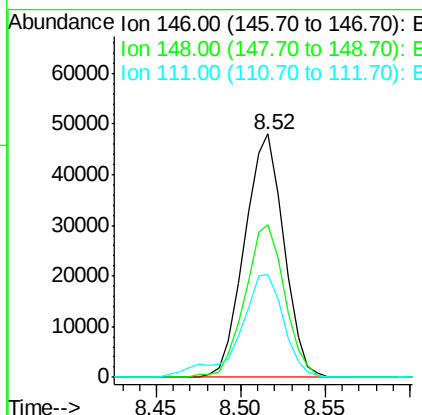
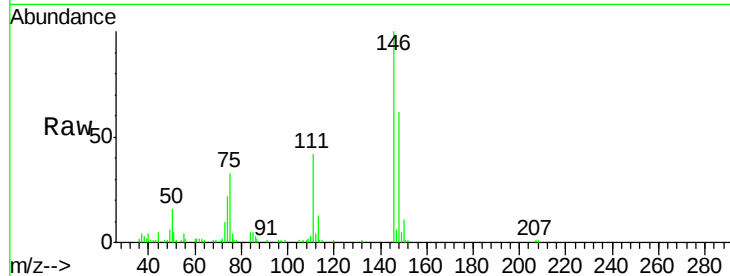
#13
 1,4-Dichlorobenzene
 Concen: 3.086 ng
 RT: 8.52 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.7	80.5
111	42.4	35.2	52.8

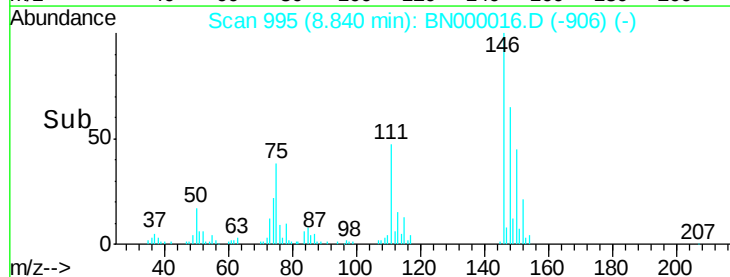
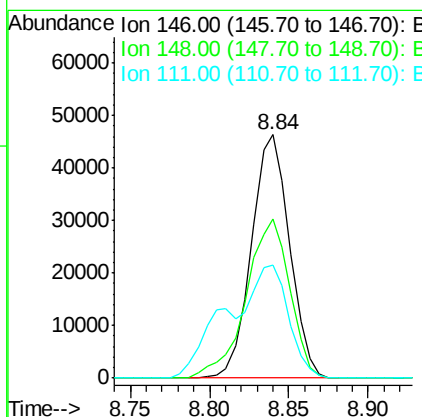
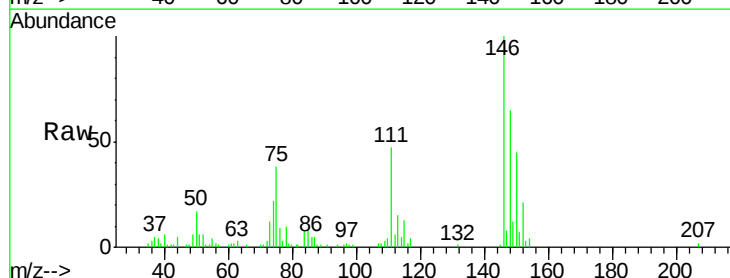
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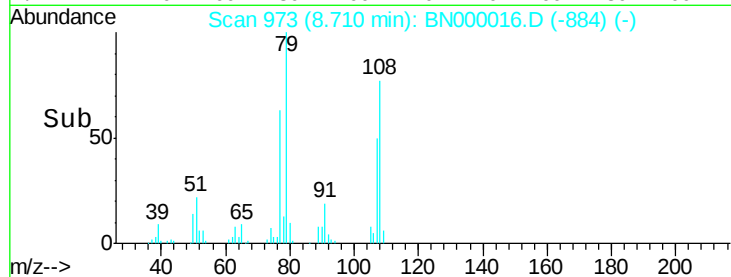
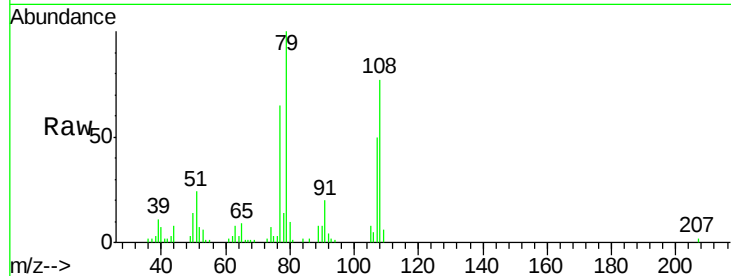
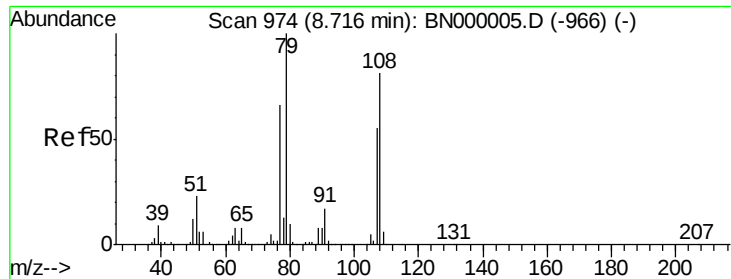
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#14
 1,2-Dichlorobenzene
 Concen: 3.116 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	46.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 2.236 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tot Ion:	79	Resp:	49695
Ion	Ratio	Lower	Upper
79	100		
108	76.6	57.2	85.8
77	64.6	46.1	69.1

Instrument :

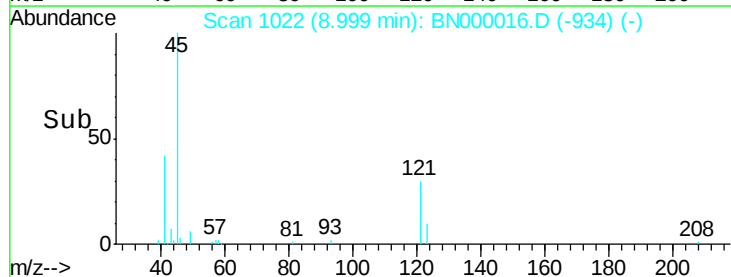
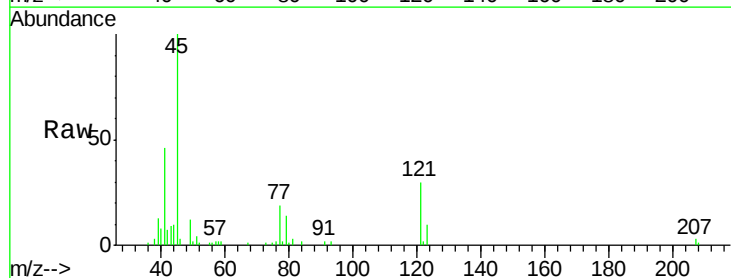
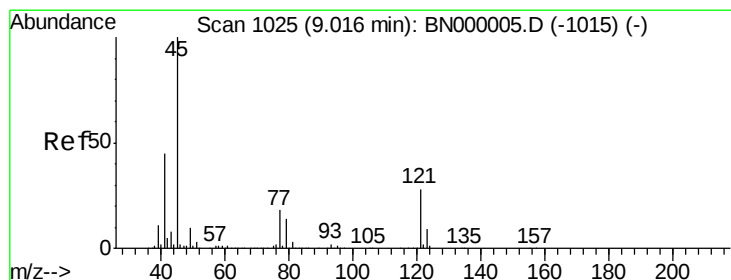
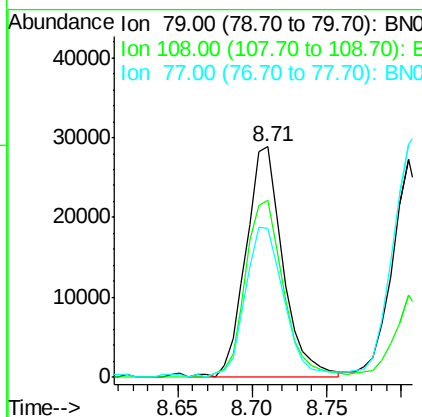
BNA_N

ClientSampled :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.947 ng

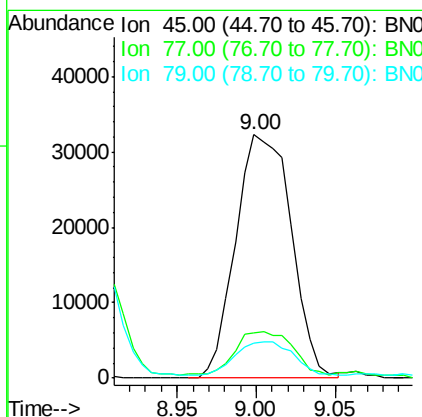
RT: 9.00 min Scan# 1022

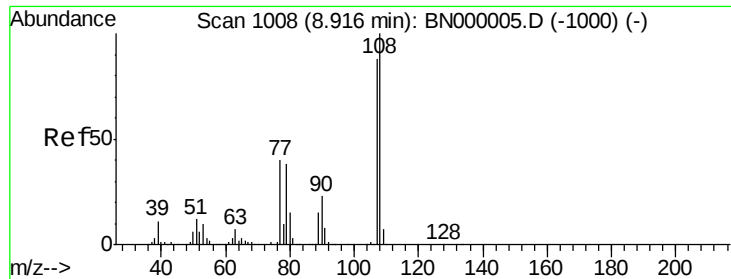
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	45	Resp:	78678
Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	30.2
79	14.2	0.0	27.9





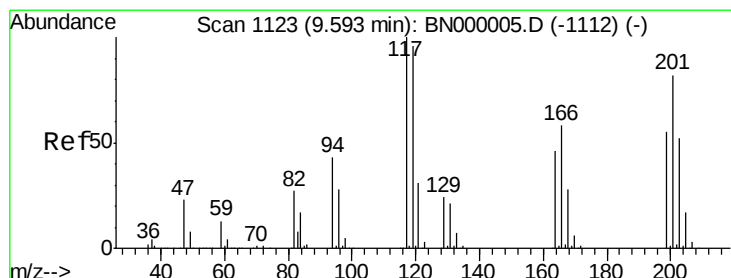
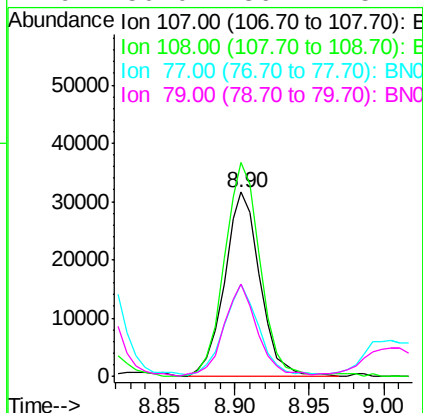
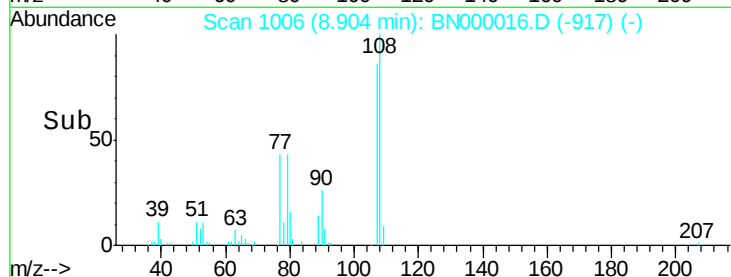
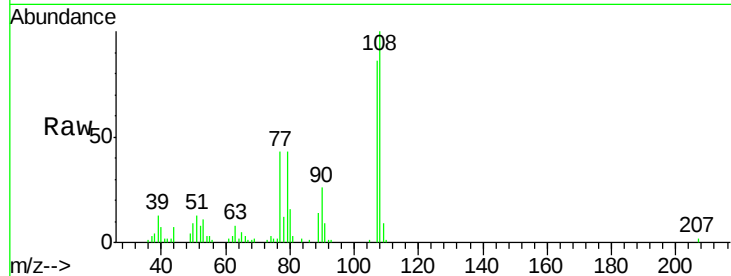
#17
2-Methylphenol
Concen: 2.354 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampled :
MDL-S-03

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.1	83.9	125.9	
77	50.0	37.2	55.8	
79	50.0	36.2	54.2	

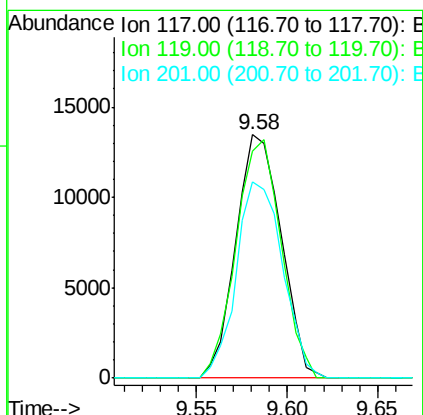
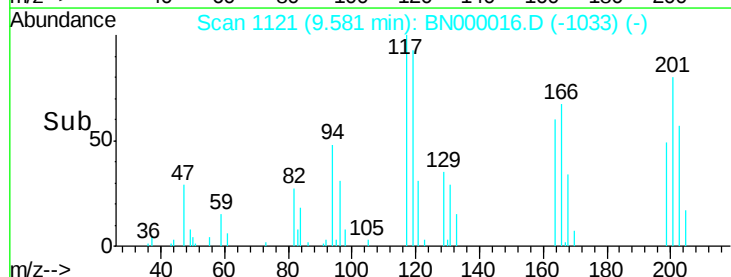
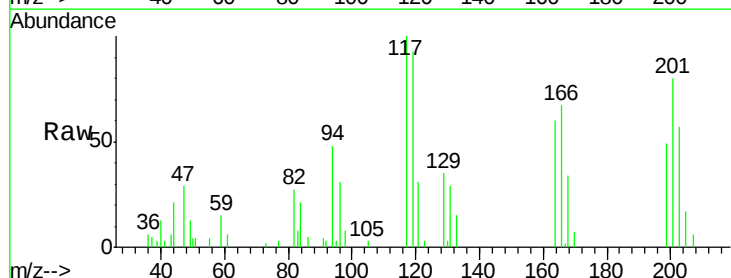
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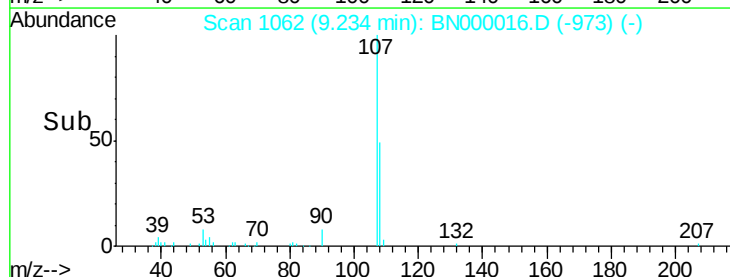
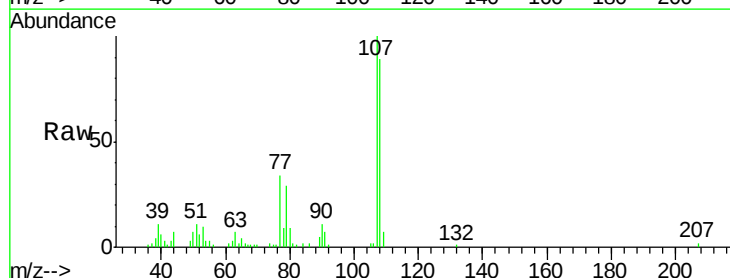
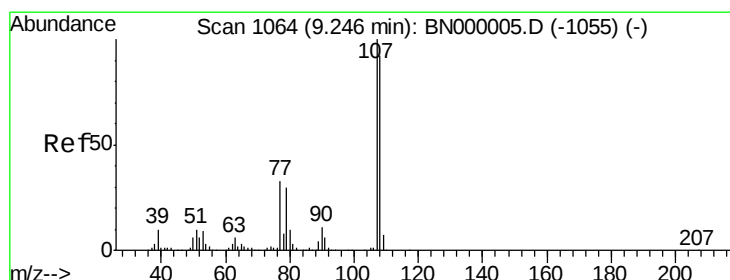
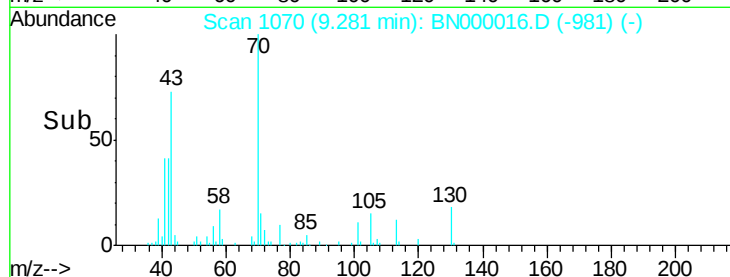
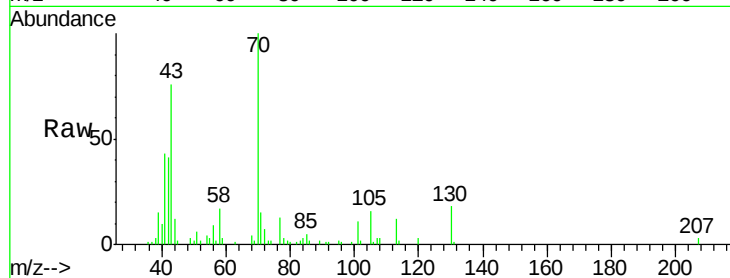
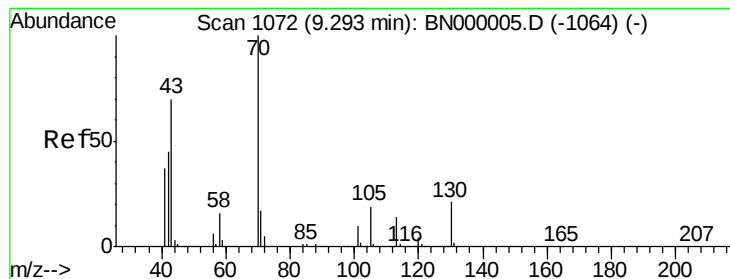
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#18
Hexachloroethane
Concen: 2.726 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	76.7	115.1	
201	80.5	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 2.243 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tot Ion	Ion	Ratio	Lower	Upper
45747	70	100		
	42	41.4	49.1	73.7#
	101	10.7	8.5	12.7
	130	17.8	13.4	20.0

Instrument :

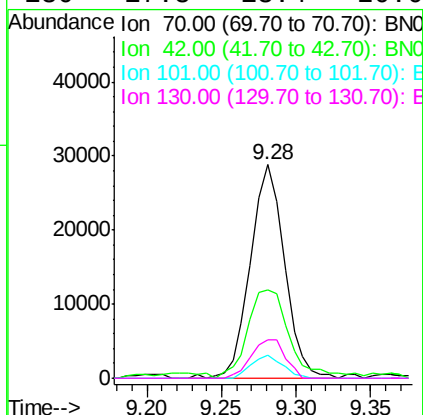
BNA_N

ClientSampleId :

MDL-S-03

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#20

3+4-Methylphenols

Concen: 2.226 ng

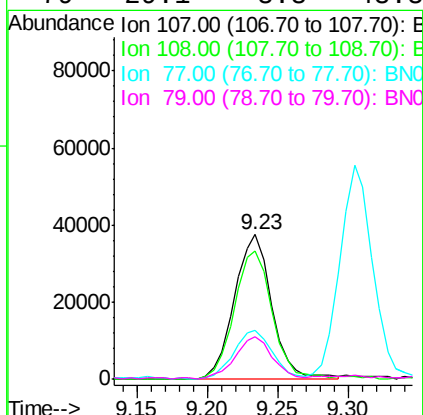
RT: 9.23 min Scan# 1062

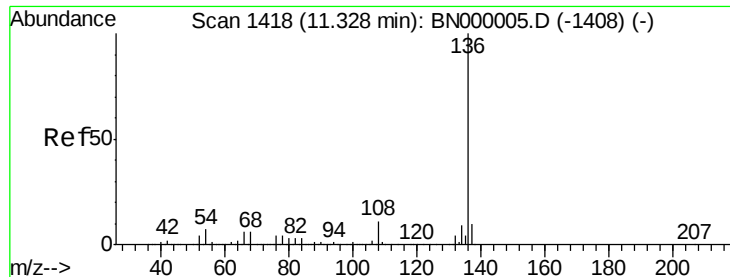
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
69561	107	100		
	108	89.1	61.6	101.6
	77	33.8	13.9	53.9
	79	29.1	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tot Ion:136 Resp: 1446716

Ion Ratio Lower Upper

136 100

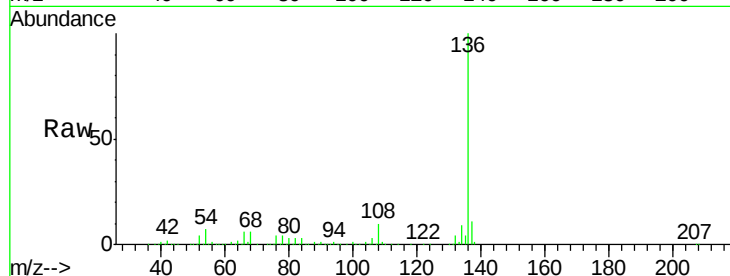
137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 6.4 4.5 6.7

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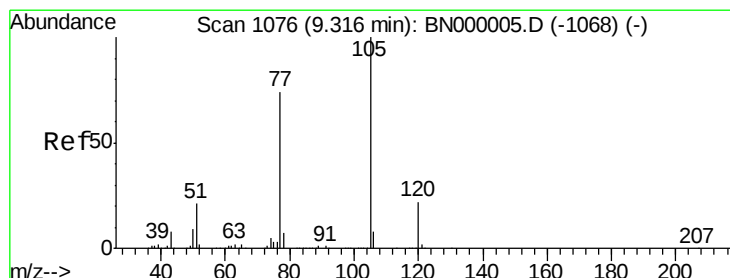
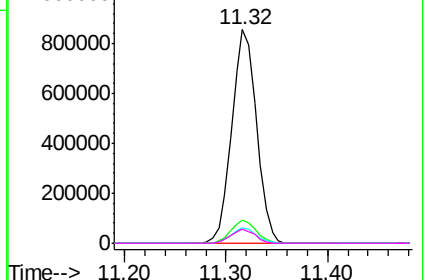
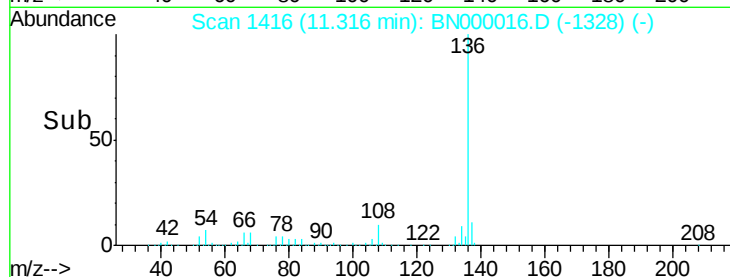


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.788 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:105 Resp: 119112

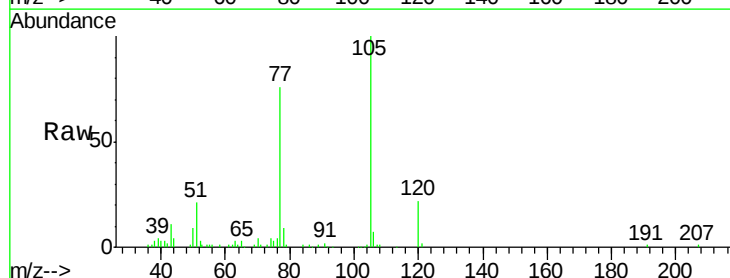
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 21.2 26.1 39.1#

120 21.7 17.4 26.2

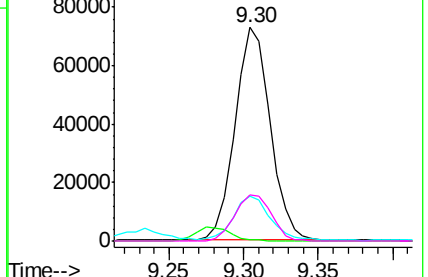
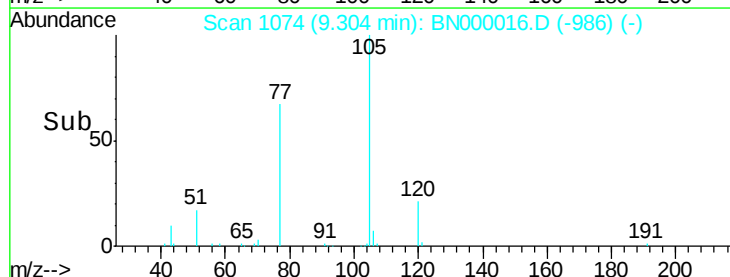


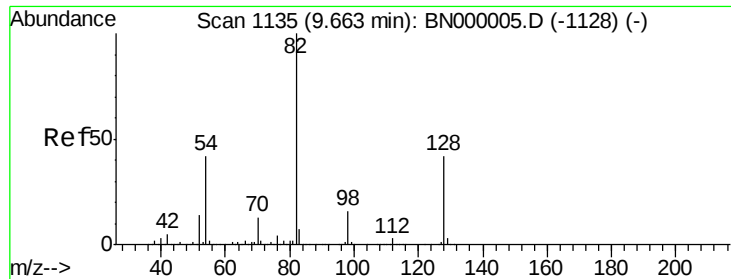
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





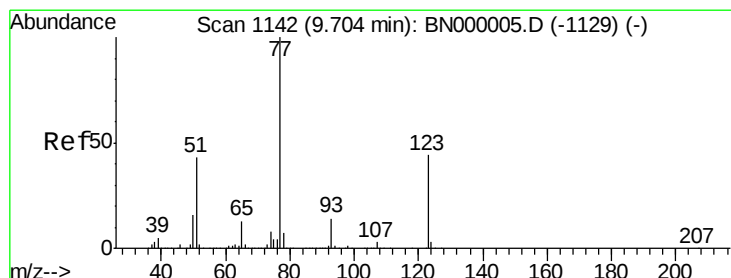
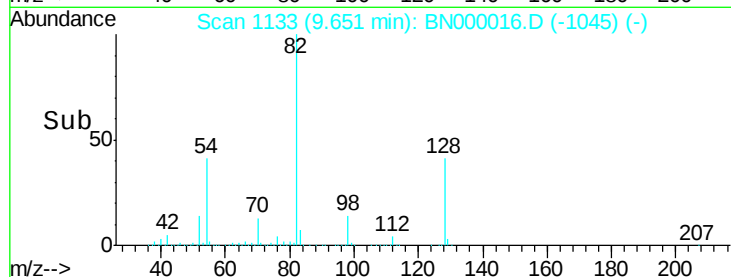
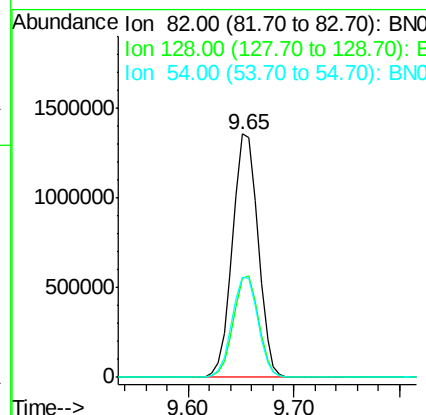
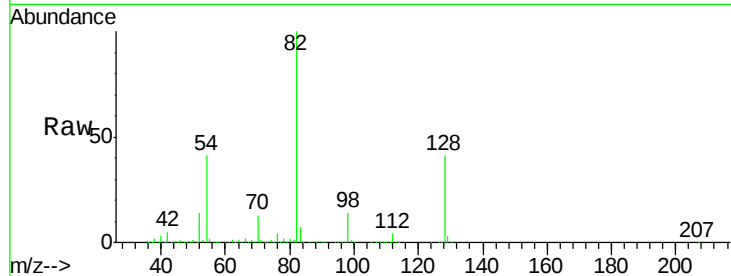
#23
Nitrobenzene-d5
Concen: 94.732 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.7	44.5
54	41.4	43.1	64.7#

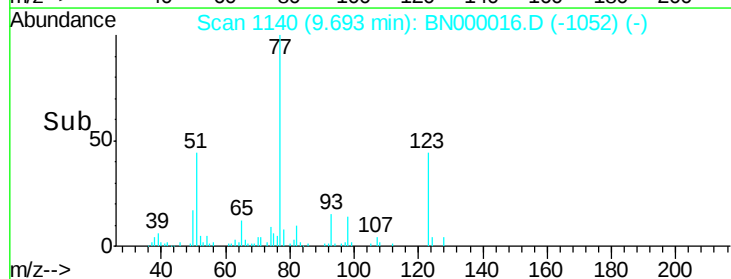
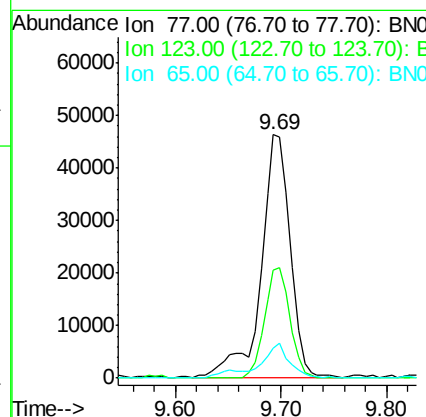
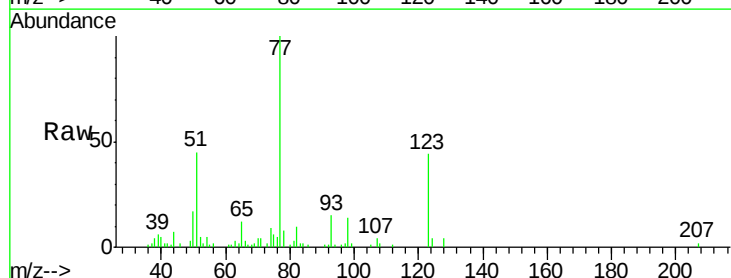
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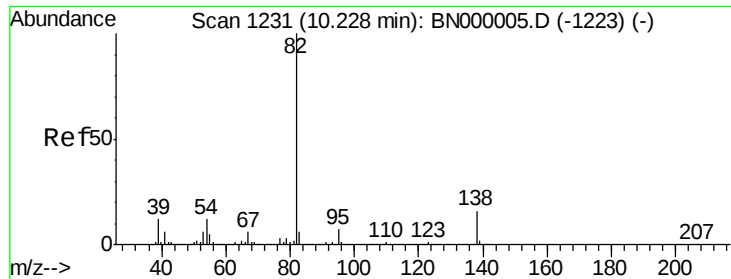
Sohil
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#24
Nitrobenzene
Concen: 3.498 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.6
65	12.2	13.0	19.6#





#25

Isophorone

Concen: 2.277 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

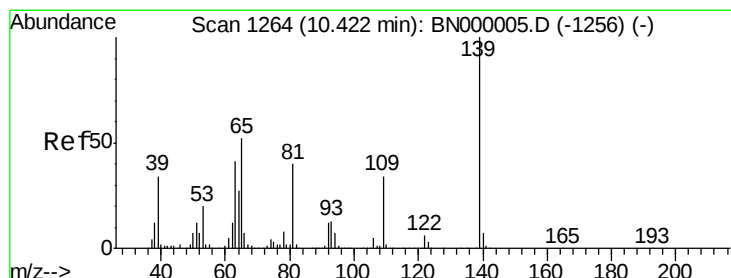
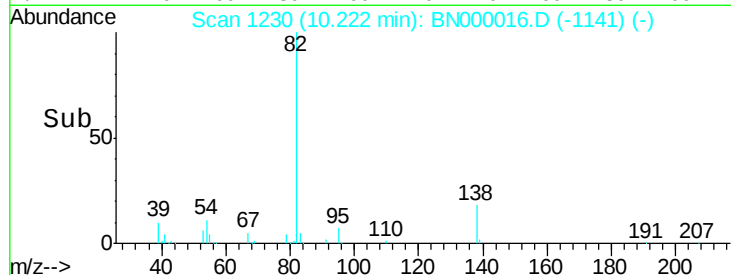
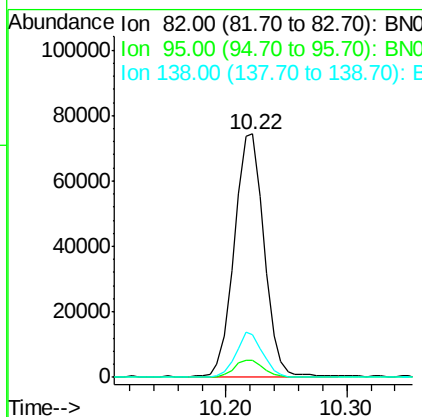
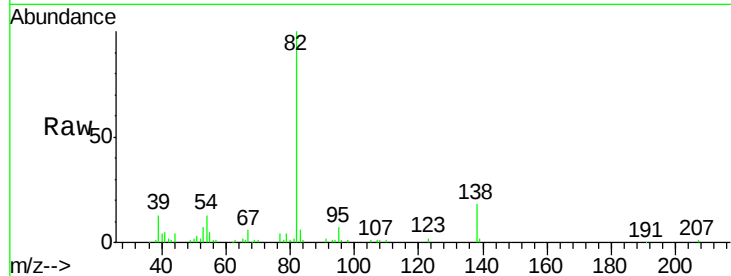
ClientSampled :

MDL-S-03

Tot Ion:	82	Resp:	129056
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.2	9.2
138	17.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 1.617 ng

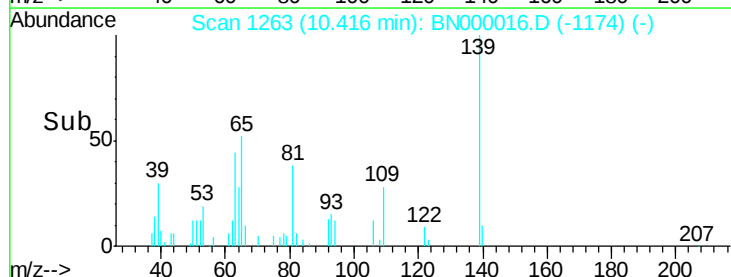
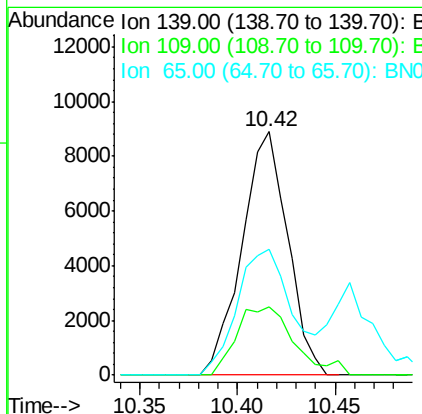
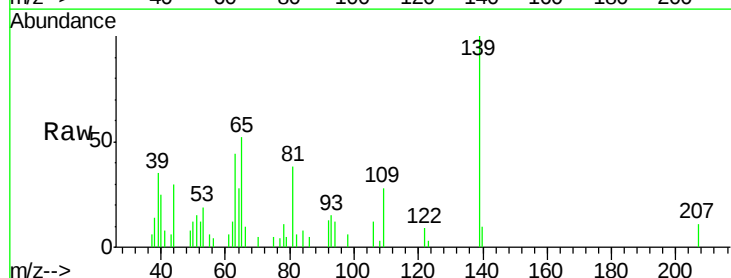
RT: 10.42 min Scan# 1263

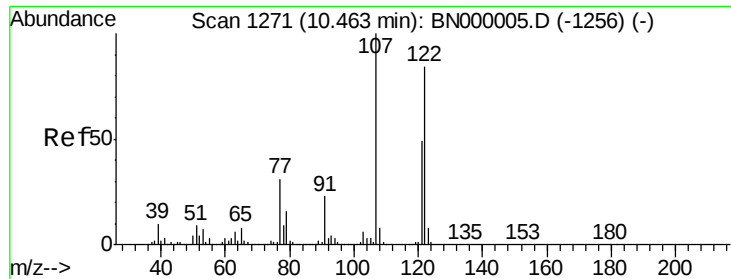
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	139	Resp:	14508
Ion Ratio	Lower	Upper	
139	100		
109	28.2	24.2	36.2
65	51.8	47.4	71.0





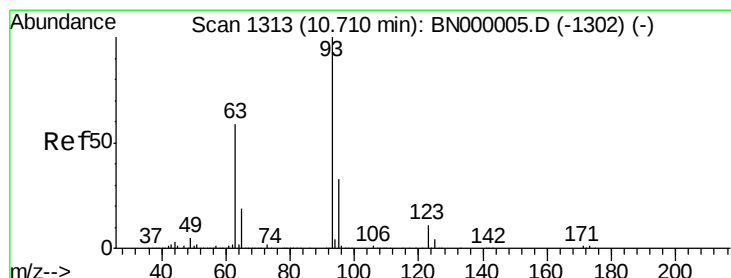
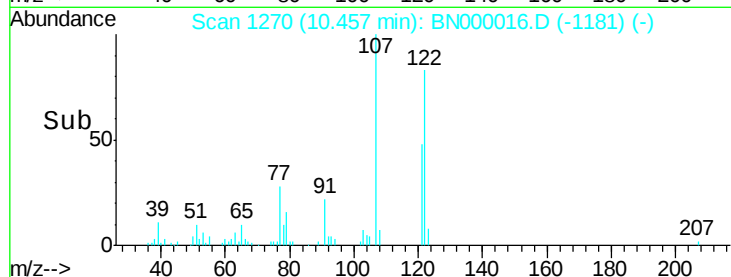
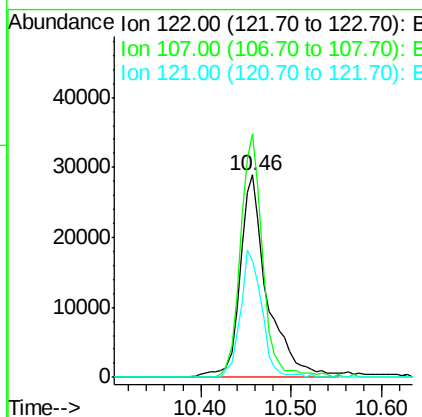
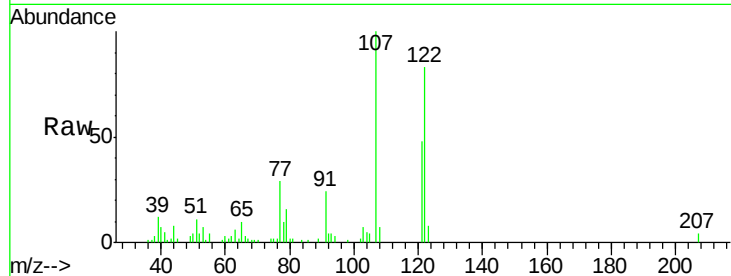
#27
2,4-Dimethylphenol
Concen: 2.612 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		60698		
107	120.2	100.2	150.2		
121	57.5	44.4	66.6		

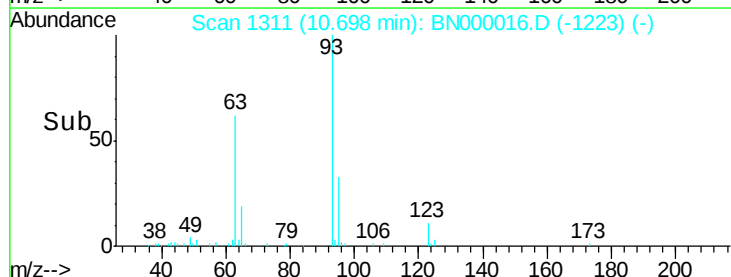
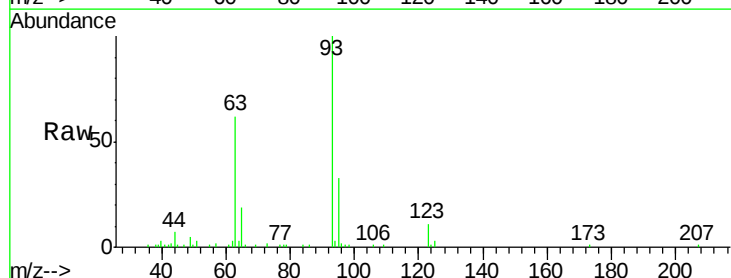
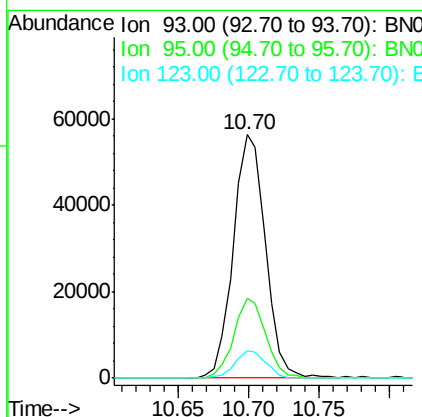
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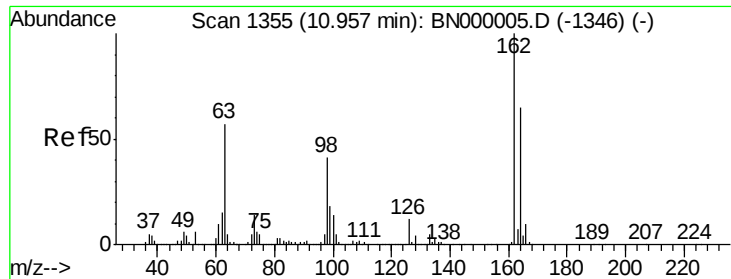
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#28
bis(2-Chloroethoxy)methane
Concen: 2.737 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		89470		
95	32.6	24.3	36.5		
123	11.0	8.4	12.6		





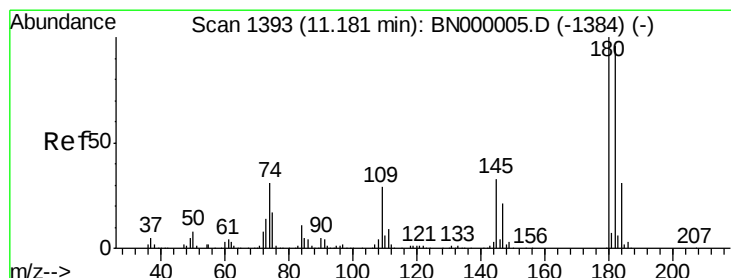
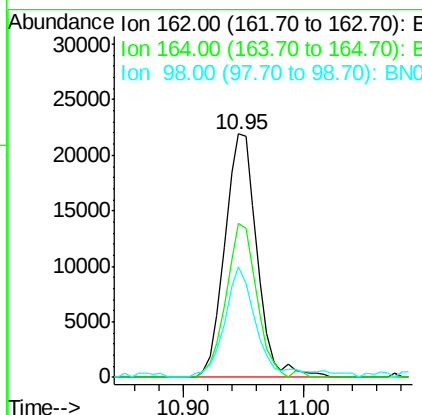
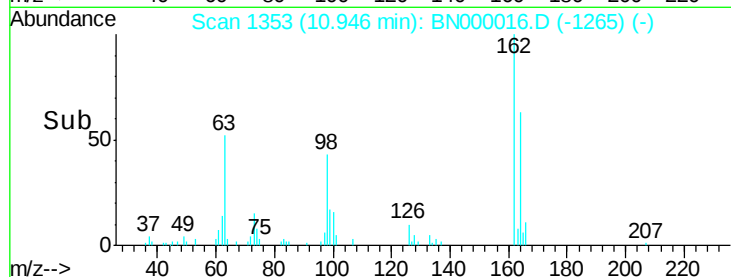
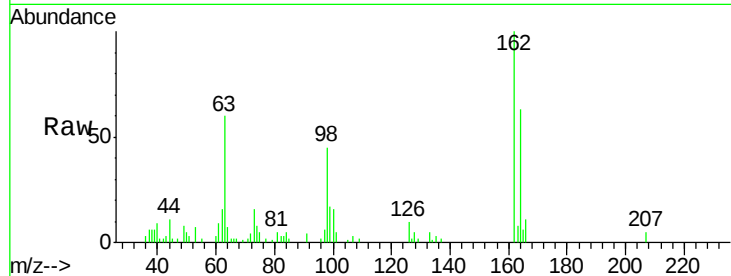
#29
 2,4-Dichlorophenol
 Concen: 2.036 ng
 RT: 10.95 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.0	88.0
98	45.2	21.1	61.1

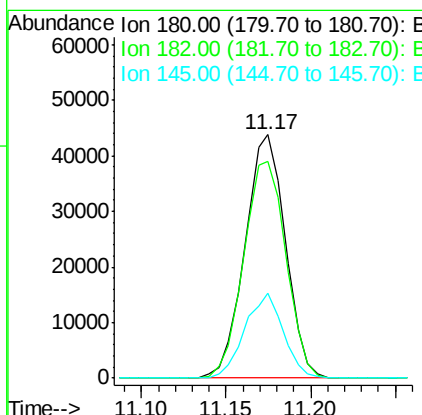
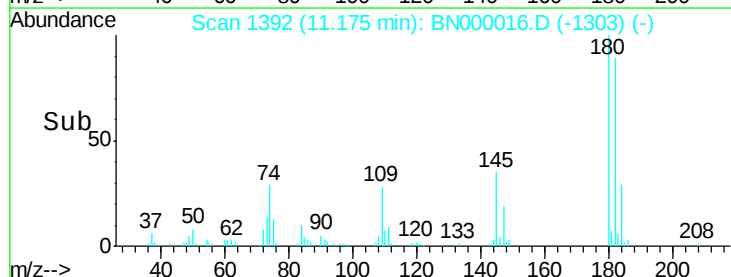
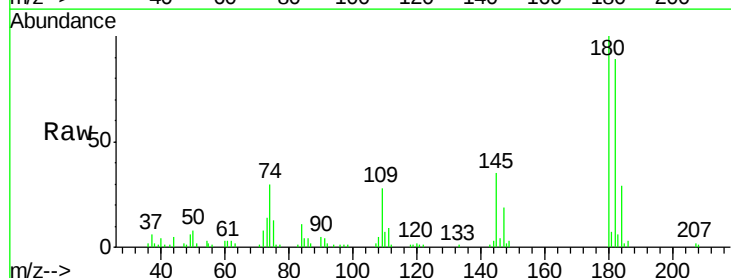
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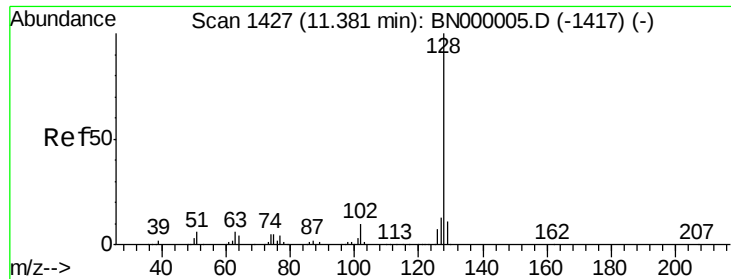
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#30
 1,2,4-Trichlorobenzene
 Concen: 3.126 ng
 RT: 11.17 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.1	77.5	116.3
145	35.0	23.4	35.2





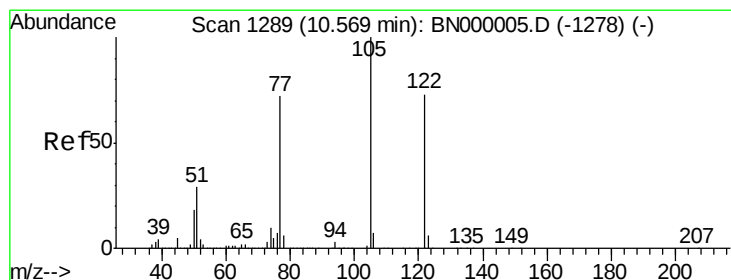
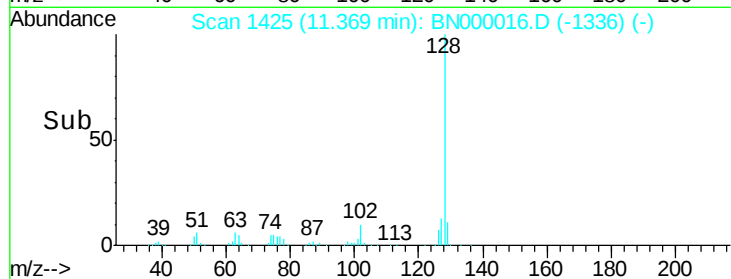
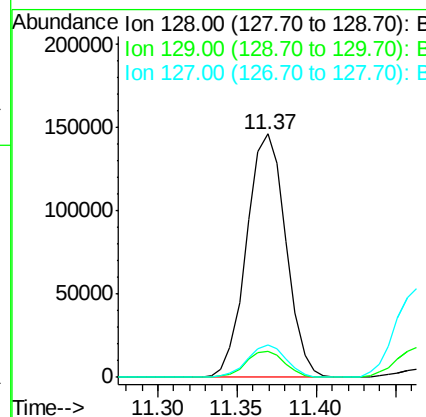
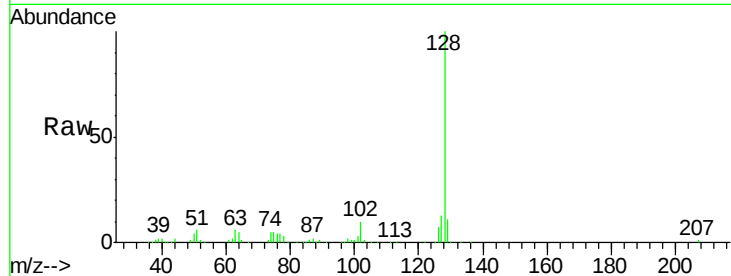
#31
Naphthalene
Concen: 3.105 ng
RT: 11.37 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion:	128	Resp:	251914
Ion Ratio		Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	11.6	17.4

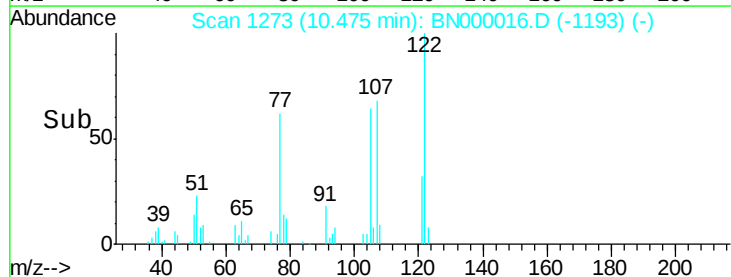
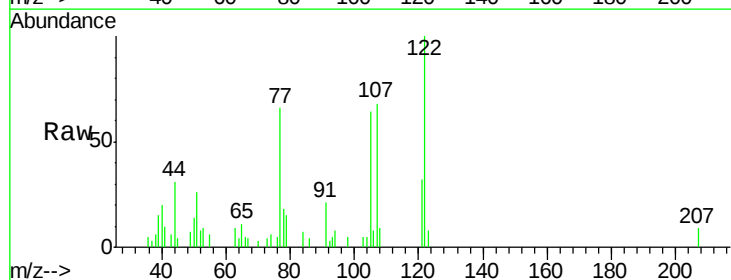
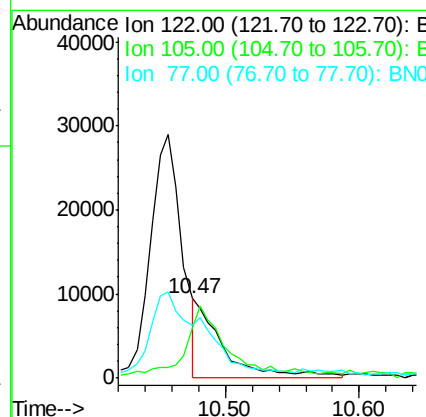
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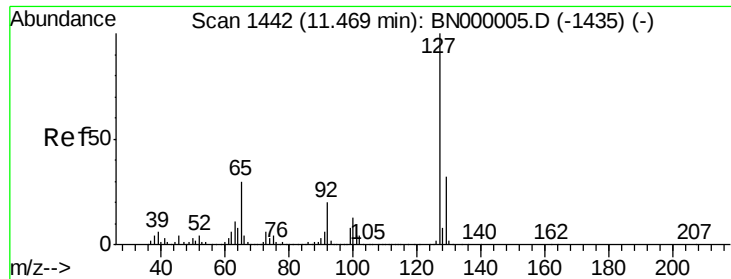
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#32
Benzoic acid
Concen: 7.401 ng m
RT: 10.47 min Scan# 1273
Delta R.T. -0.06 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:	122	Resp:	13340
Ion Ratio		Lower	Upper
122	100		
105	63.6	123.5	163.5#
77	66.2	85.7	125.7#





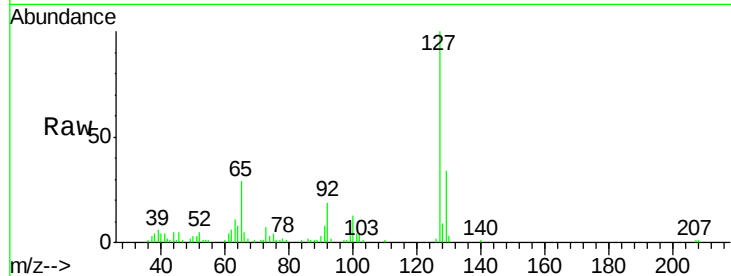
#33
4-Chloroaniline
Concen: 2.463 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampled :
MDL-S-03

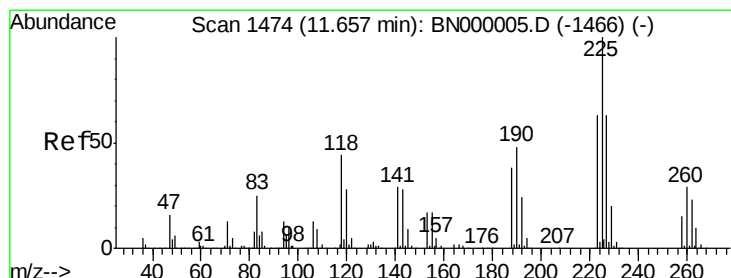
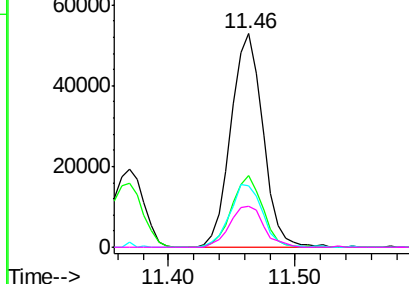
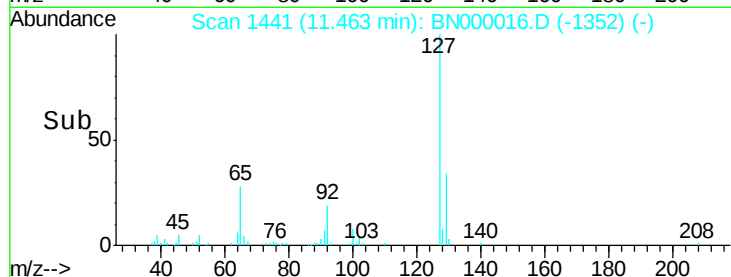
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	28.9	27.0	40.4
92	19.2	16.6	25.0

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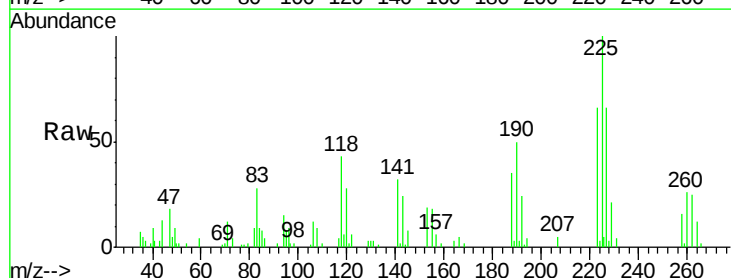


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

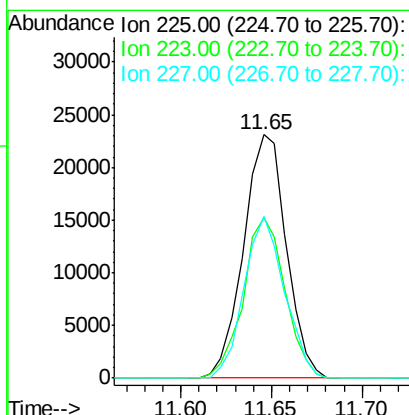
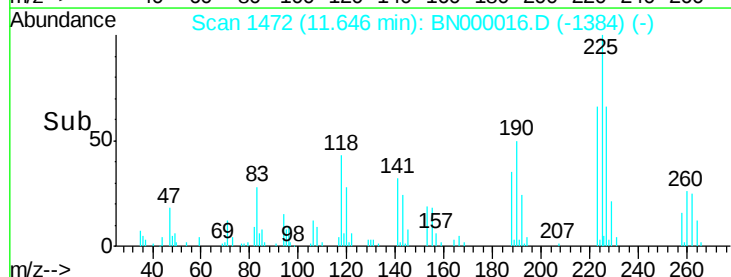


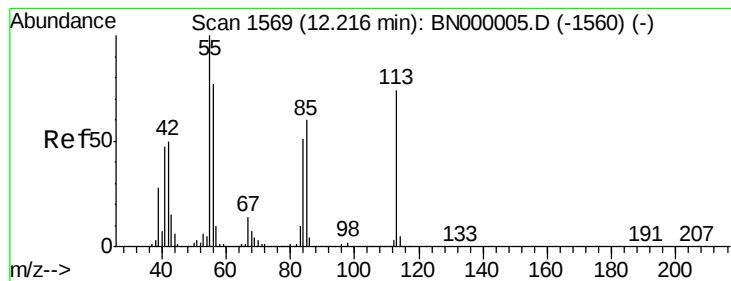
#34
Hexachlorobutadiene
Concen: 3.181 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.7	74.5
227	66.4	48.1	72.1



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





#35

Caprolactam

Concen: 1.466 ng

RT: 12.18 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

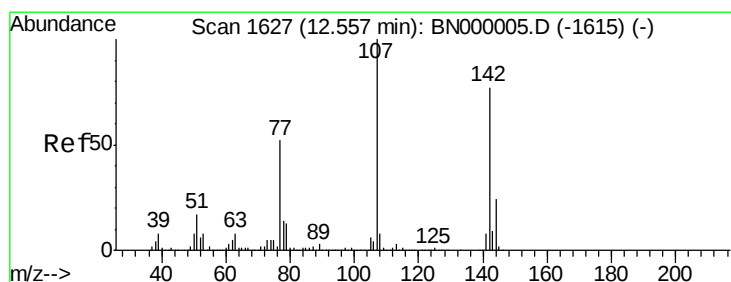
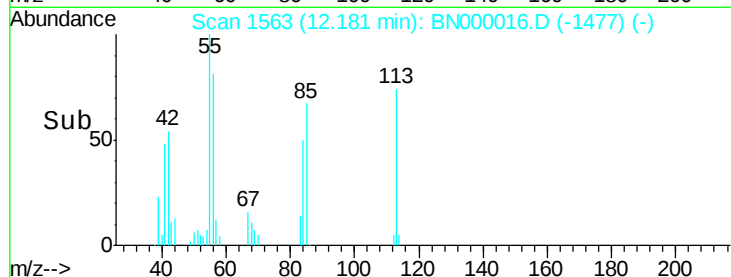
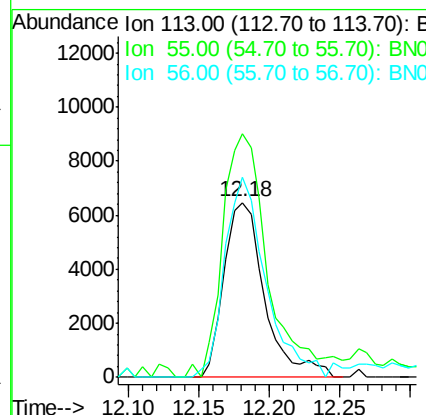
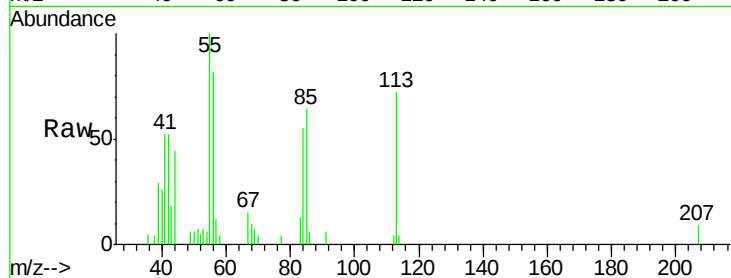
ClientSampleId :

MDL-S-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	139.2		120.0	160.0	
56	114.6		90.0	130.0	

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#36

4-Chloro-3-methylphenol

Concen: 1.770 ng

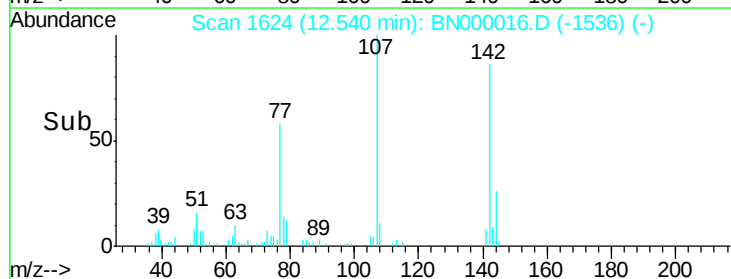
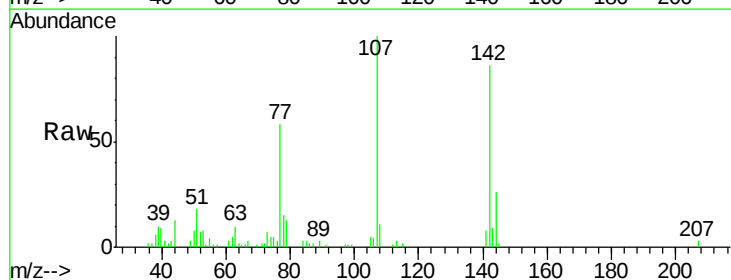
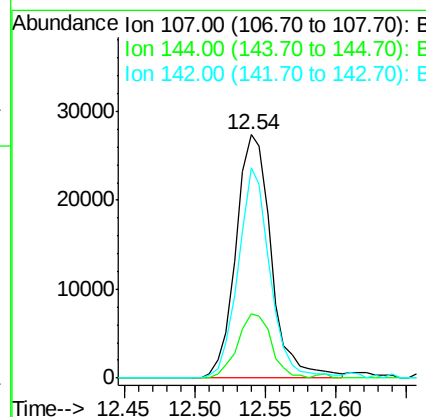
RT: 12.54 min Scan# 1624

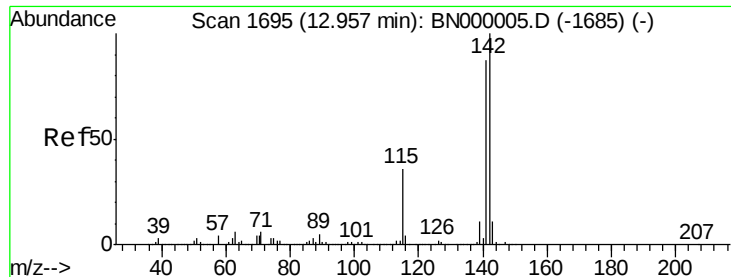
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.3		18.2	27.4	
142	86.4		59.0	88.4	





#37

2-Methylnaphthalene

Concen: 2.848 ng

RT: 12.95 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

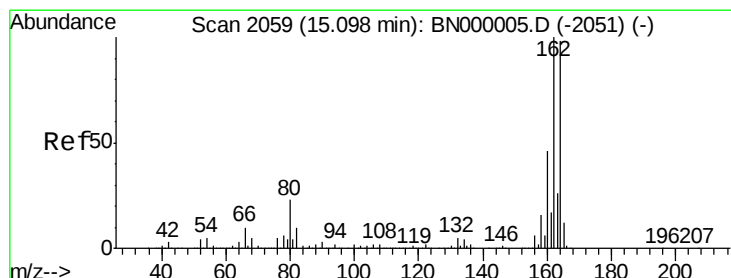
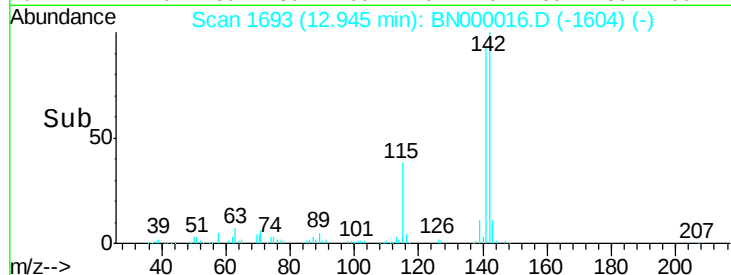
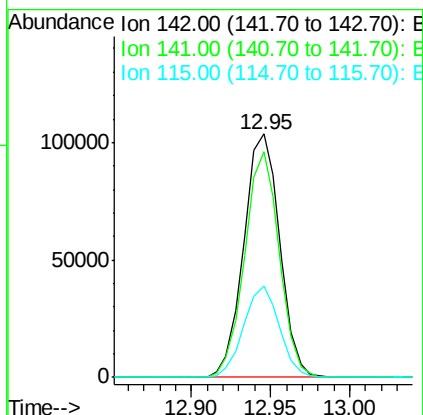
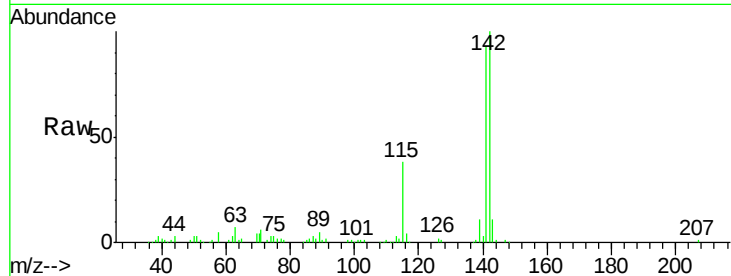
ClientSampleId :

MDL-S-03

Tot Ion:	142	Resp:	163302
Ion Ratio	Lower	Upper	
142	100		
141	92.7	67.1	100.7
115	37.6	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

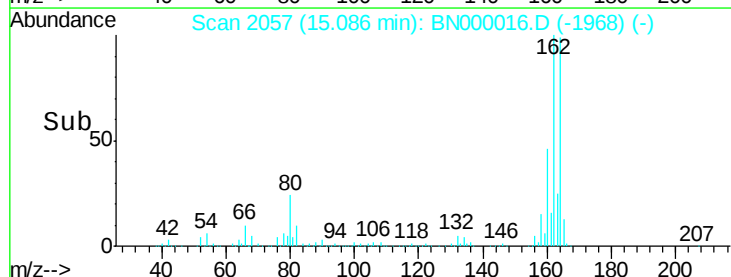
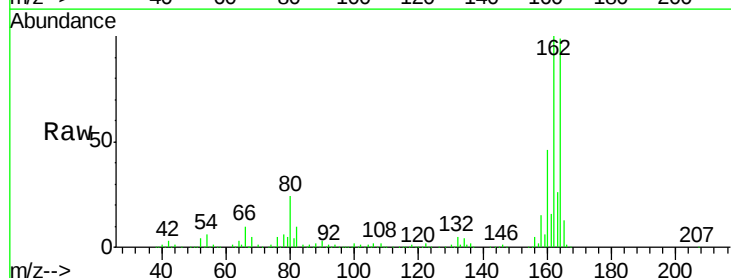
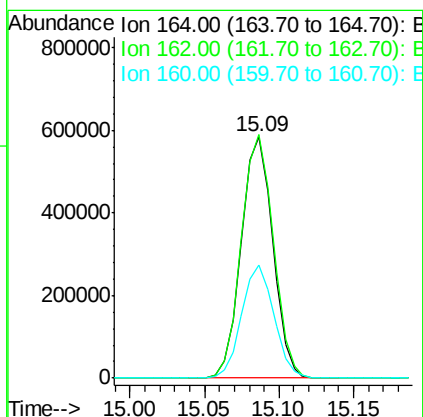
RT: 15.09 min Scan# 2057

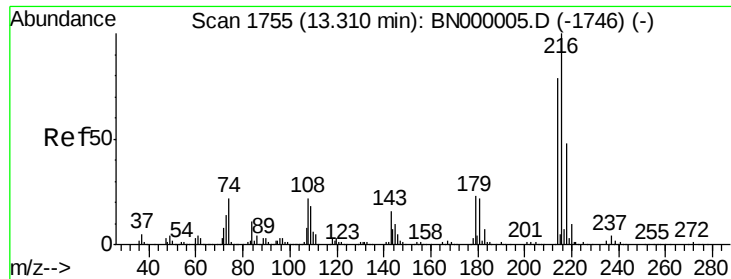
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	164	Resp:	853902
Ion Ratio	Lower	Upper	
164	100		
162	100.9	78.8	118.2
160	46.8	35.4	53.0





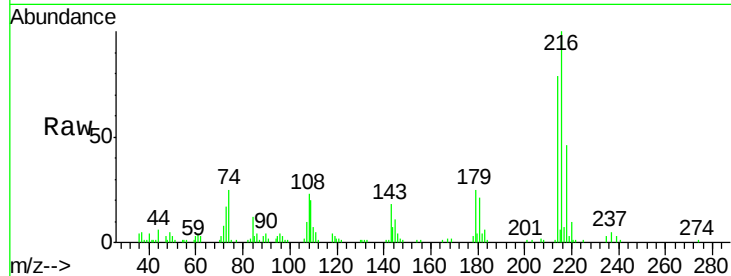
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.117 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

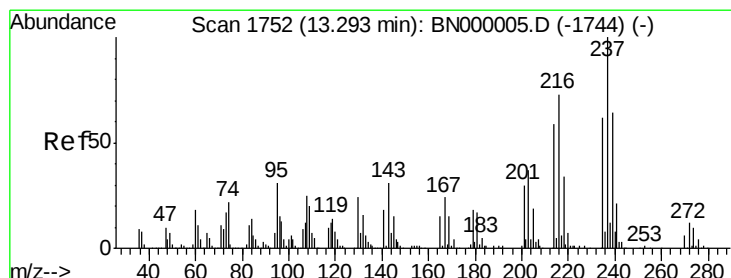
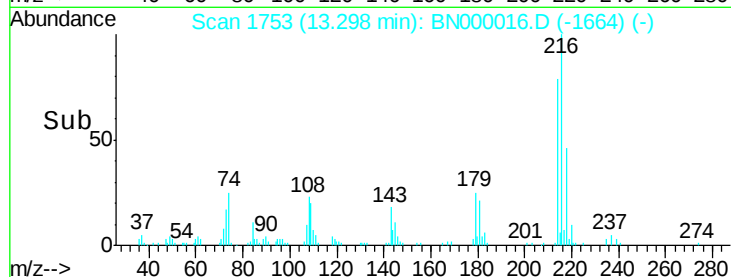
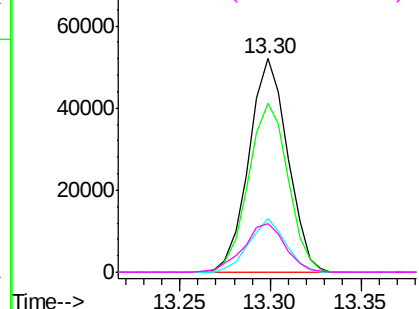
Tot Ion:	216	Resp:	77526
Ion Ratio		Lower	Upper
216	100		
214	80.6	63.0	94.4
179	23.3	17.0	25.6
108	24.9	12.8	19.2

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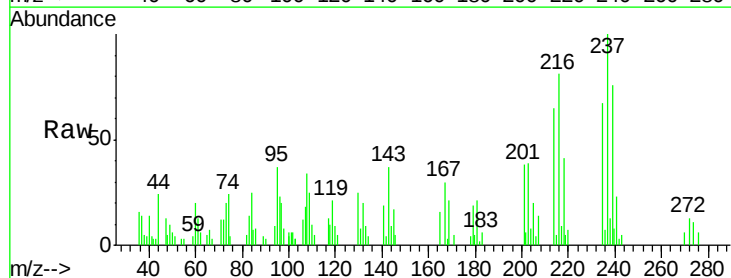


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

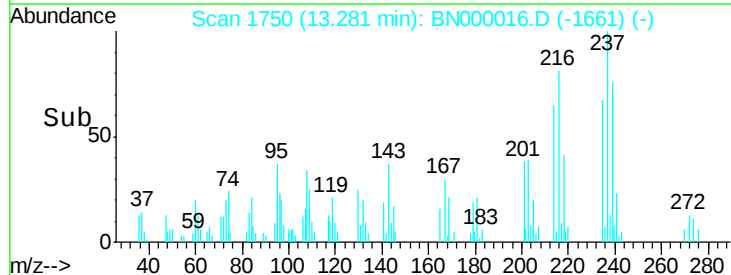
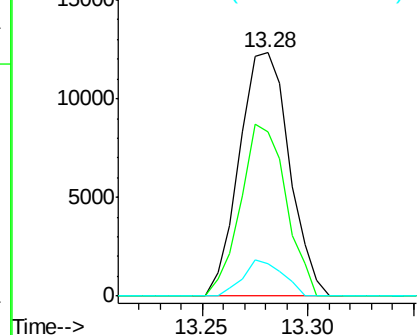


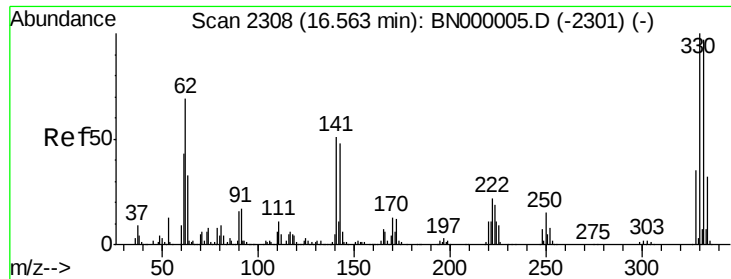
#40
 Hexachlorocyclopentadiene
 Concen: 2.438 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion:	237	Resp:	20256
Ion Ratio		Lower	Upper
237	100		
235	67.3	50.4	90.4
272	13.1	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





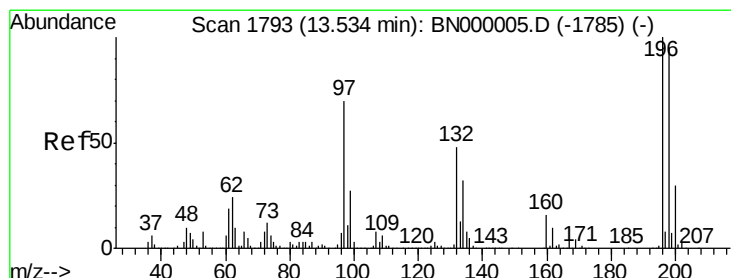
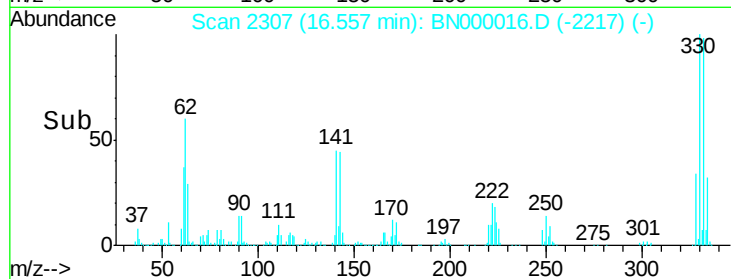
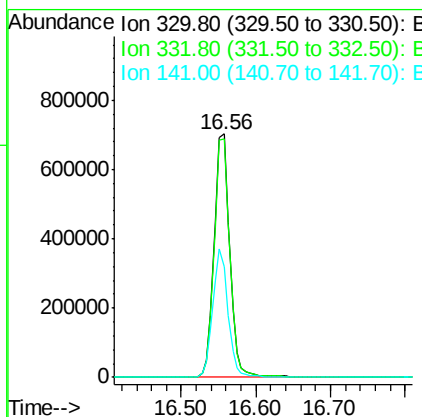
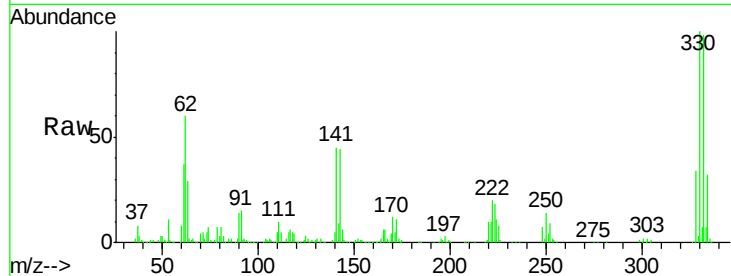
#41
 2,4,6-Tribromophenol
 Concen: 119.796 ng
 RT: 16.56 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

Tot Ion:330 Resp: 1028316
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 51.2 25.2 37.8#

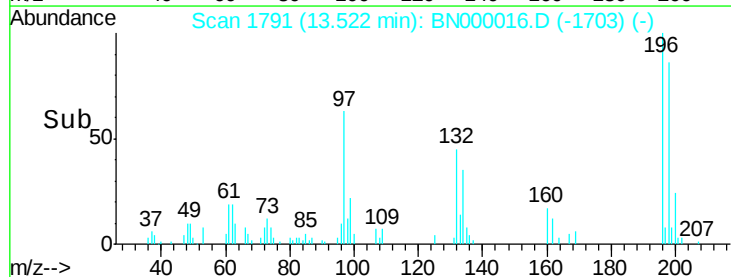
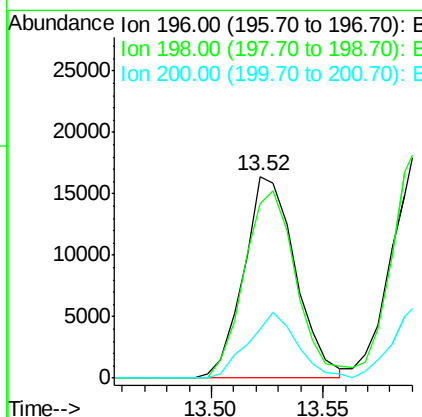
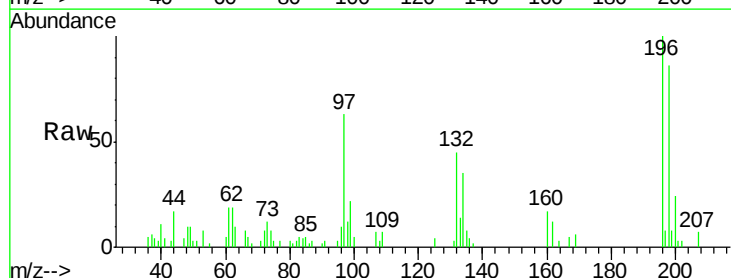
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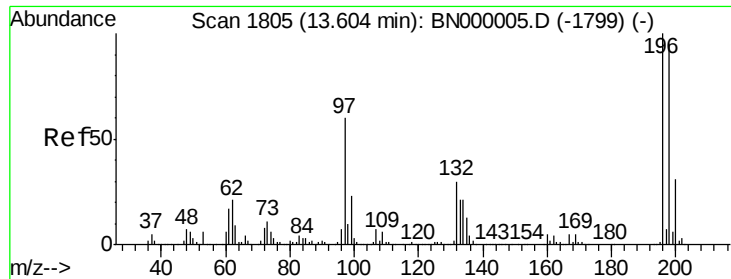
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 1.793 ng m
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion:196 Resp: 26366
 Ion Ratio Lower Upper
 196 100
 198 86.3 78.2 117.2
 200 24.4 24.6 36.8#





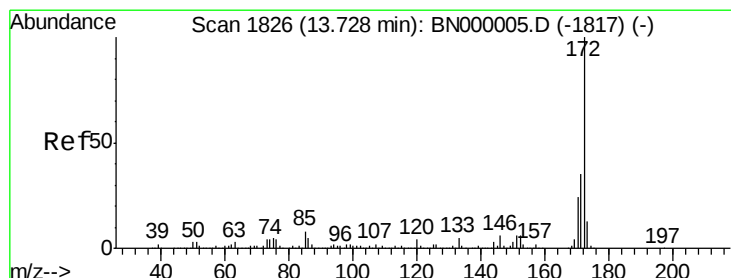
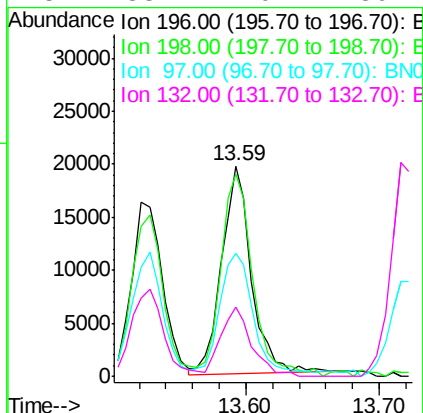
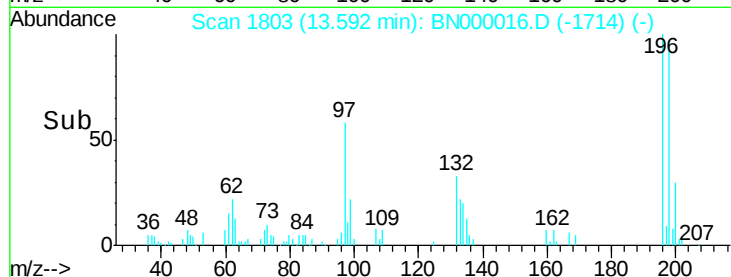
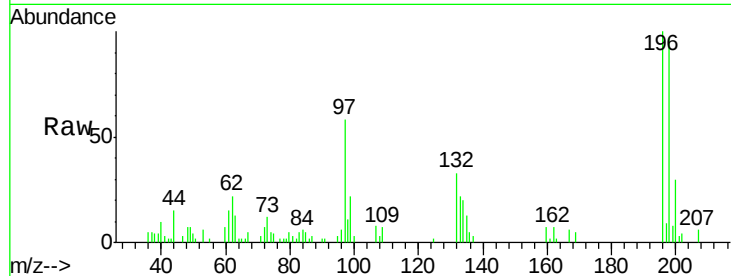
#43
 2,4,5-Trichlorophenol
 Concen: 1.756 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
97	58.3	38.7	58.1#
132	33.2	20.2	30.2#

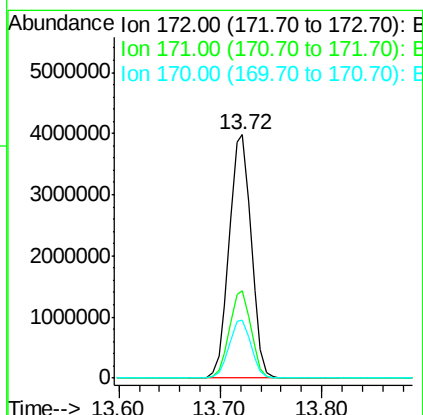
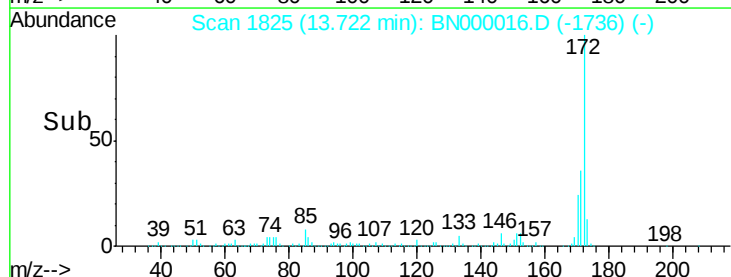
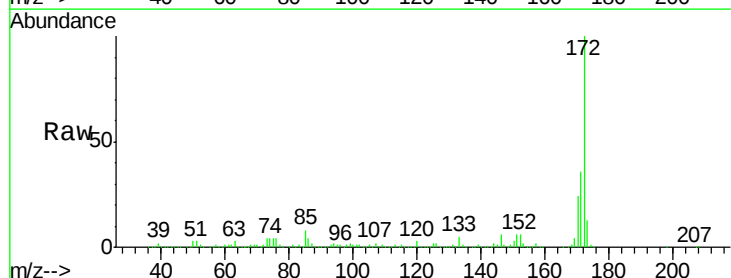
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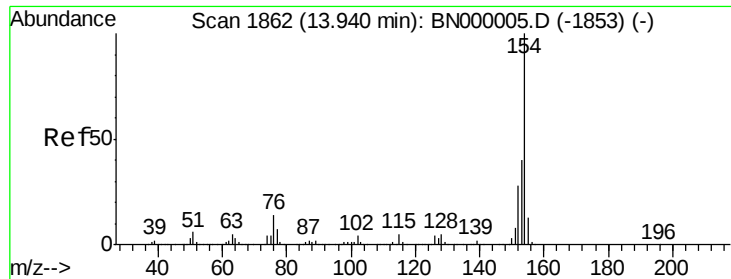
Sohil
 2/6/2018 5:15:25 PM



#44
 2-Fluorobiphenyl
 Concen: 94.071 ng
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.8	19.5	29.3





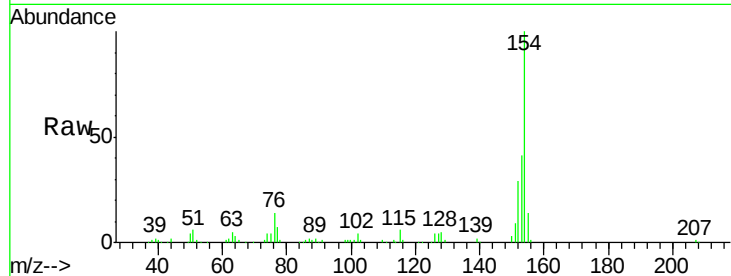
#45
 1,1'-Biphenyl
 Concen: 3.229 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

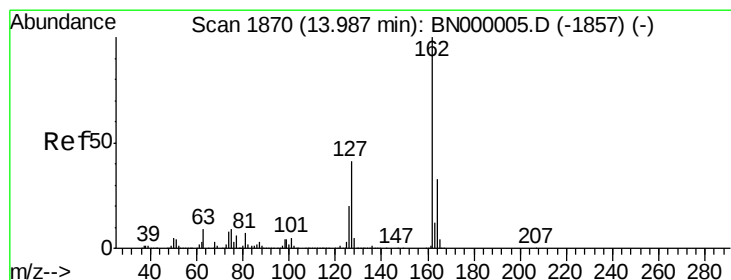
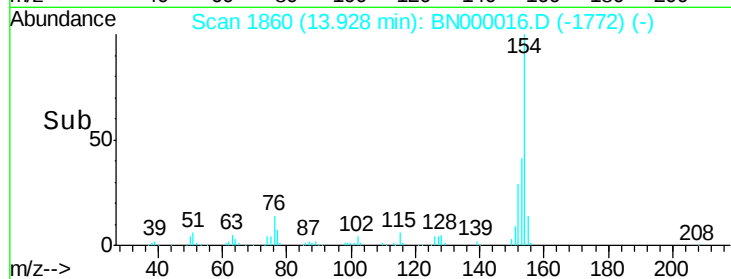
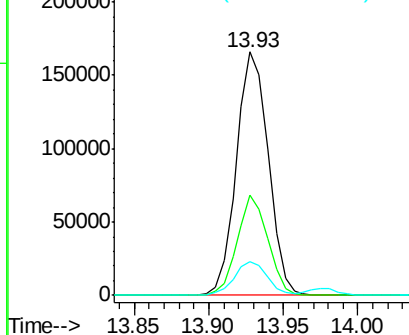
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	13.6	0.0	31.9

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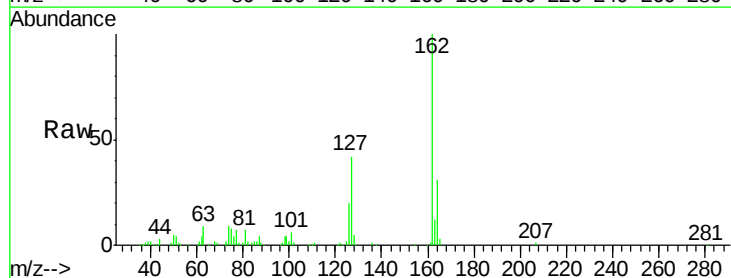


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

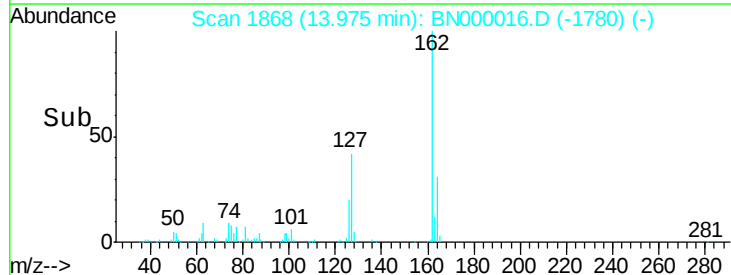
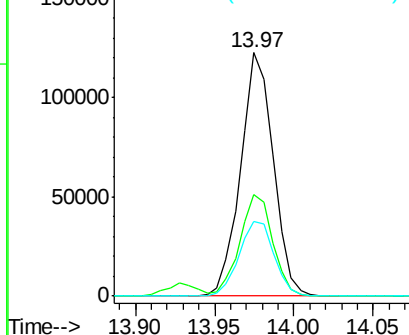


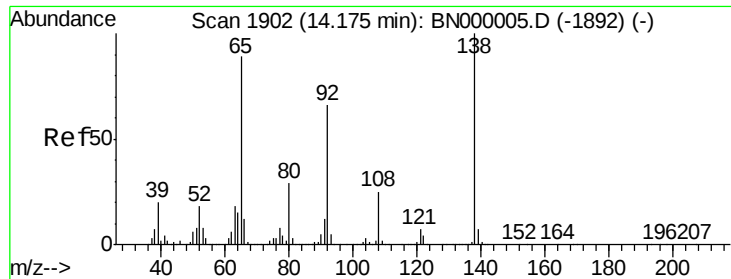
#46
 2-Chloronaphthalene
 Concen: 3.076 ng
 RT: 13.97 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	30.7	46.1
164	30.6	26.0	39.0



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





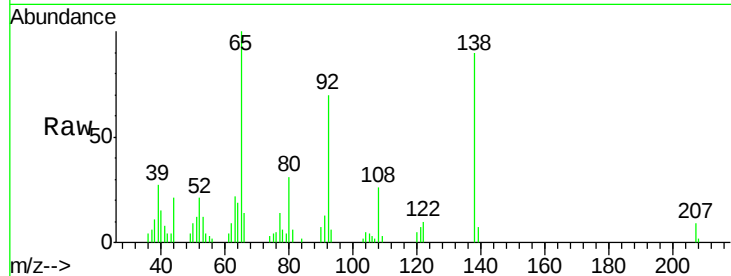
#47
2-Nitroaniline
Concen: 1.493 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.6	82.0
138	89.6	72.9	109.3

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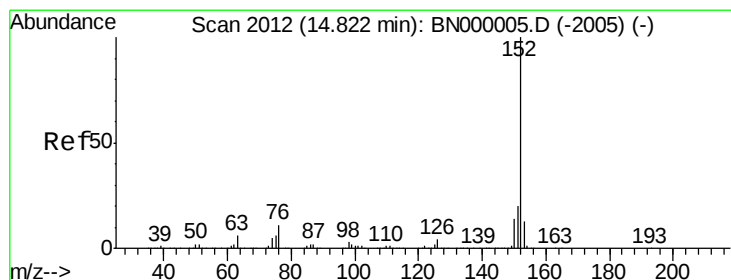
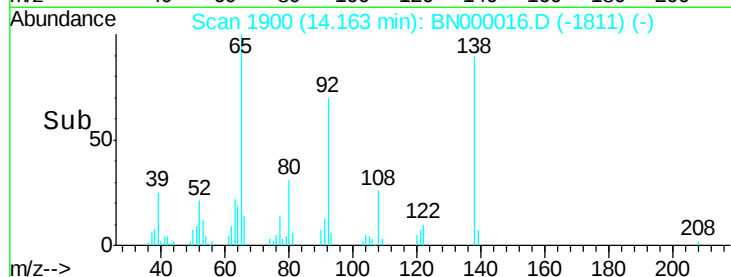
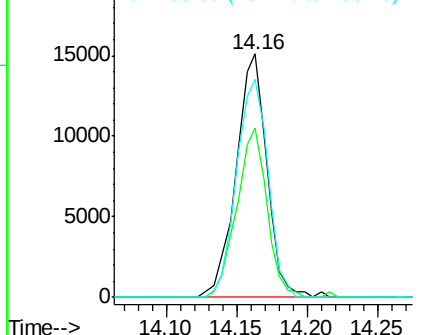


Abundance

Ion 65.00 (64.70 to 65.70): BN000005.D (-1892) (-)

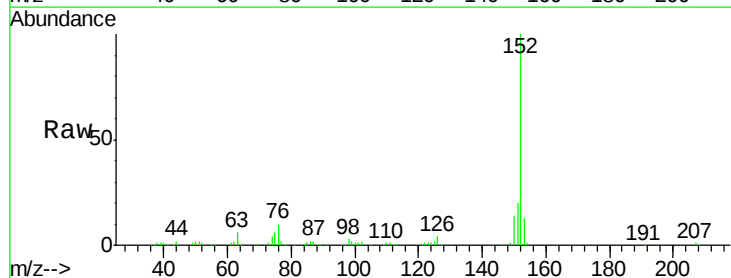
Ion 92.00 (91.70 to 92.70): BN000005.D (-1892) (-)

Ion 138.00 (137.70 to 138.70): BN000005.D (-1892) (-)



#48
Acenaphthylene
Concen: 2.516 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.2	10.2	15.4

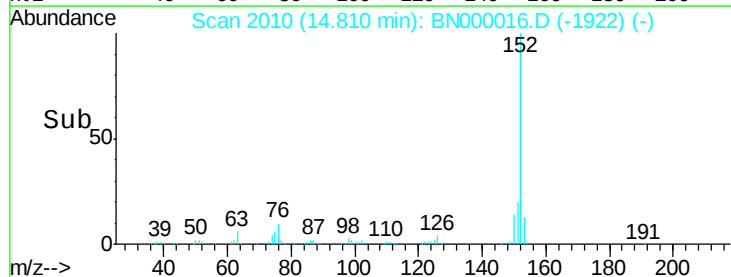
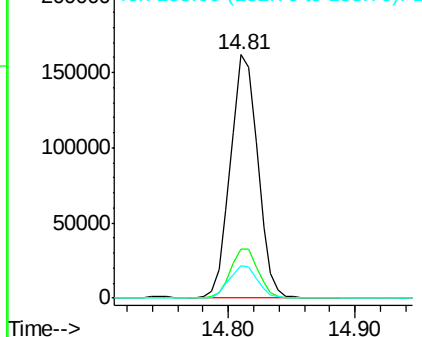


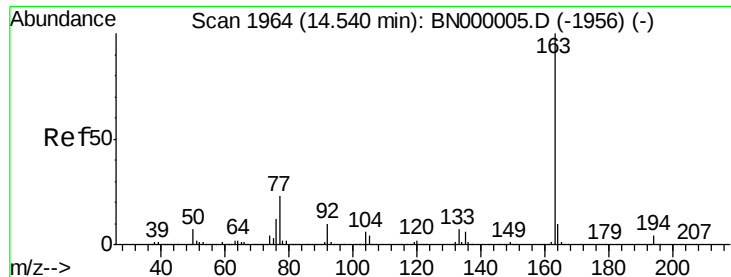
Abundance

Ion 152.00 (151.70 to 152.70): BN000005.D (-2005) (-)

Ion 151.00 (150.70 to 151.70): BN000005.D (-2005) (-)

Ion 153.00 (152.70 to 153.70): BN000005.D (-2005) (-)





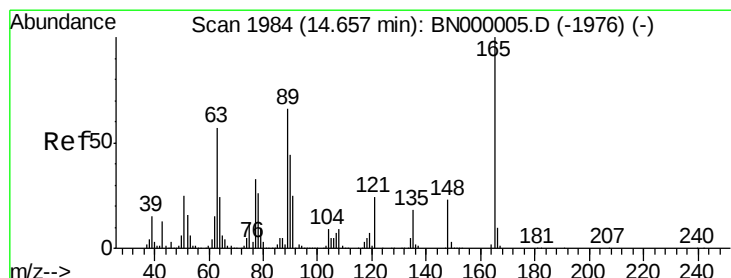
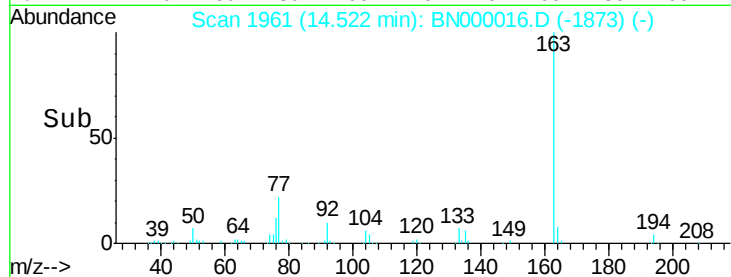
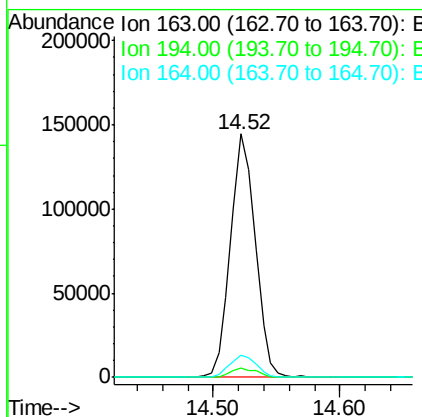
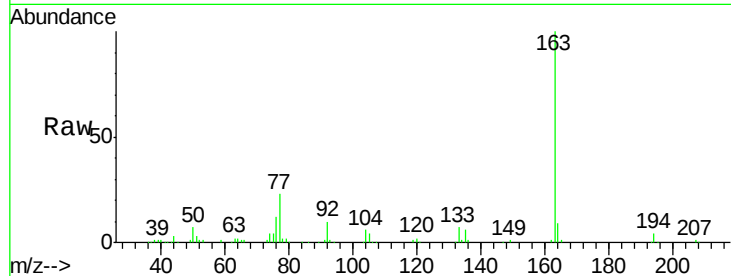
#49
Dimethylphthalate
Concen: 2.561 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Resp	Lower	Upper
163	100	195470		
194	3.7		3.4	5.2
164	9.0		8.2	12.4

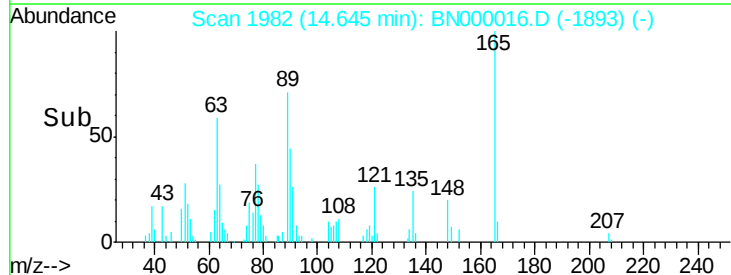
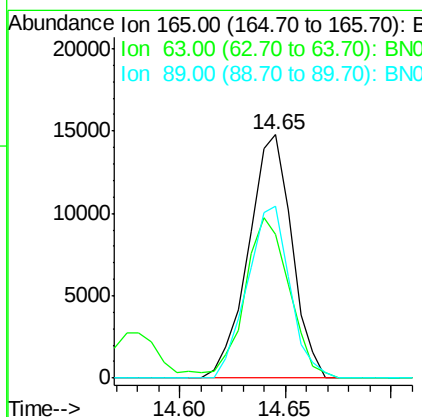
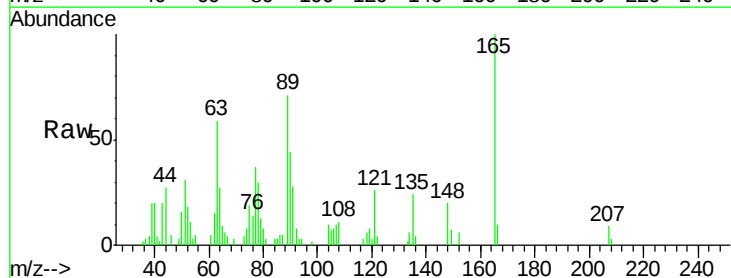
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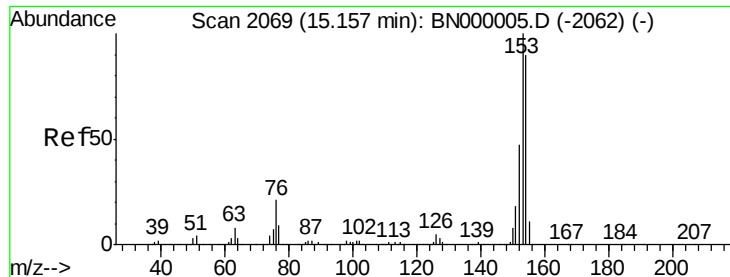
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#50
2,6-Dinitrotoluene
Concen: 1.398 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	21109		
63	59.0		52.7	79.1
89	70.8		49.2	73.8





#51

Acenaphthene

Concen: 2.918 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

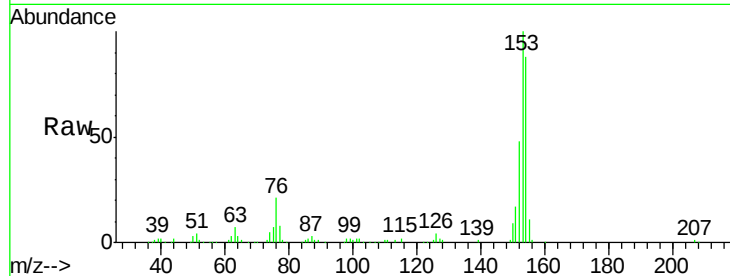
ClientSampleId :

MDL-S-03

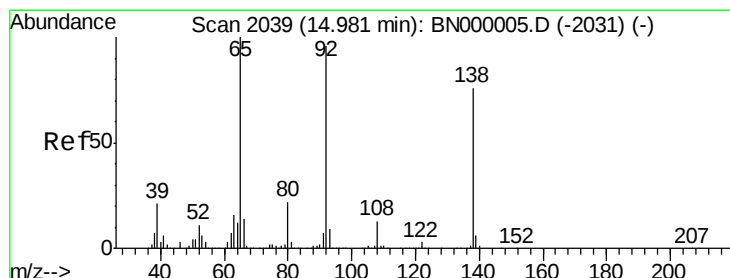
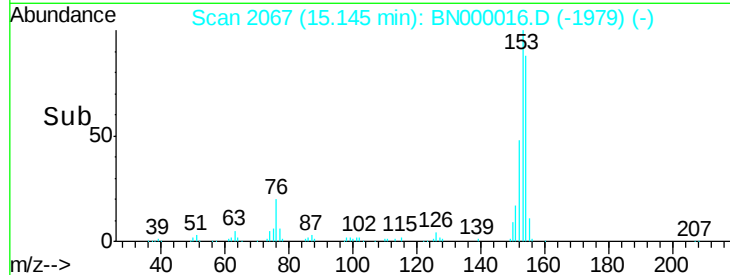
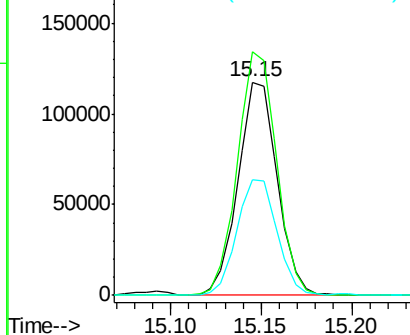
Tot Ion:	154	Resp:	177114
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.4	135.6
152	54.3	41.6	62.4

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



#52

3-Nitroaniline

Concen: 1.394 ng

RT: 14.97 min Scan# 2037

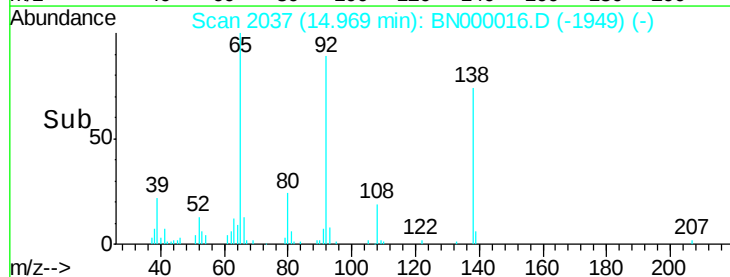
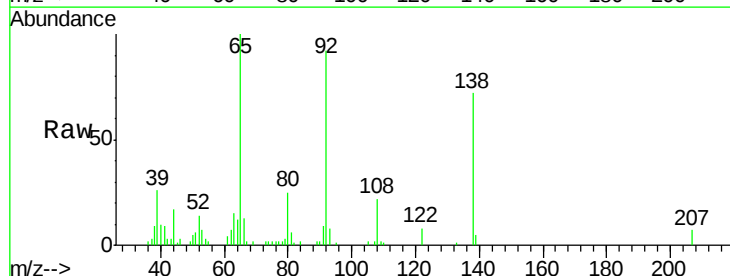
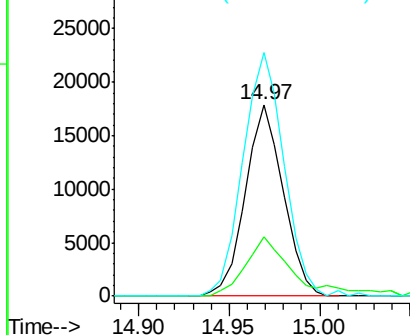
Delta R.T. -0.01 min

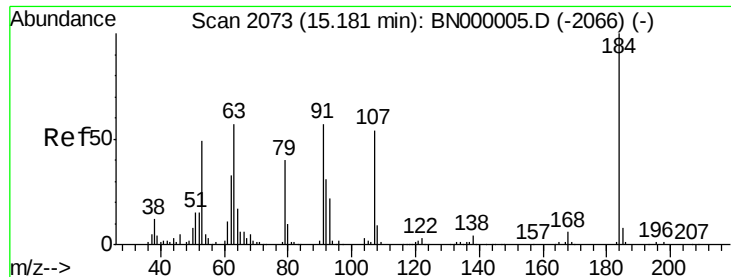
Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	138	Resp:	25986
Ion Ratio	Lower	Upper	
138	100		
108	31.0	17.5	26.3#
92	127.4	105.8	158.8

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





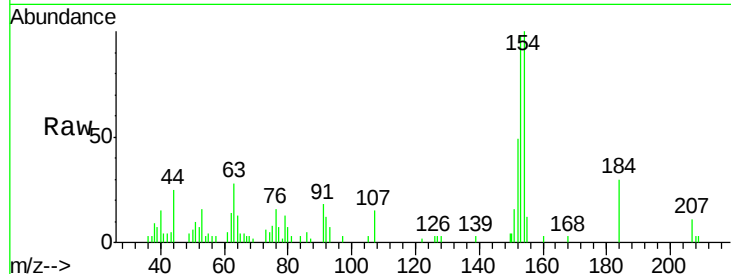
#53
2,4-Dinitrophenol
Concen: 6.035 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
184	100		
63	92.4	80.0	120.0
154	331.7	308.0	462.0

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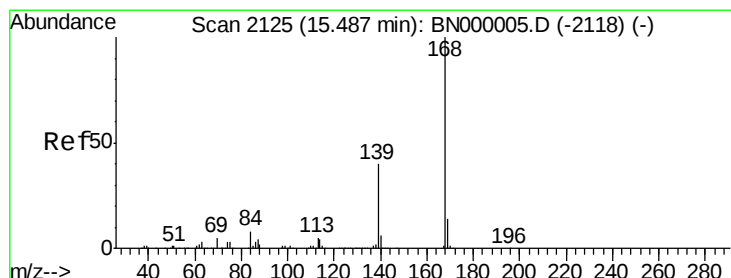
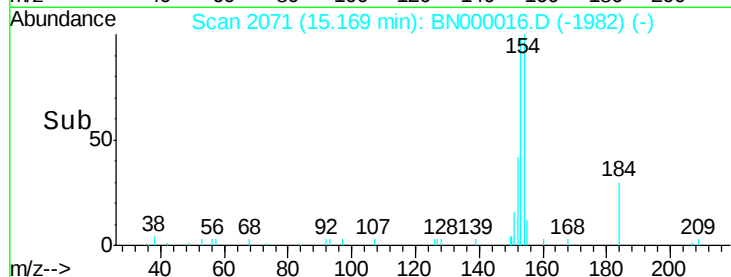
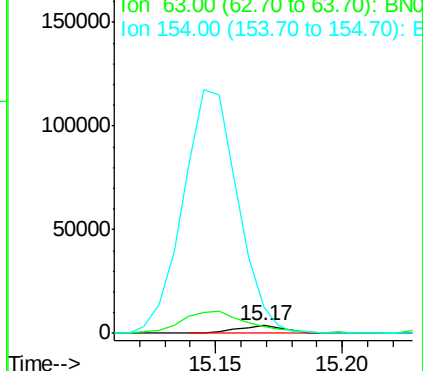


Abundance

Ion 184.00 (183.70 to 184.70): E

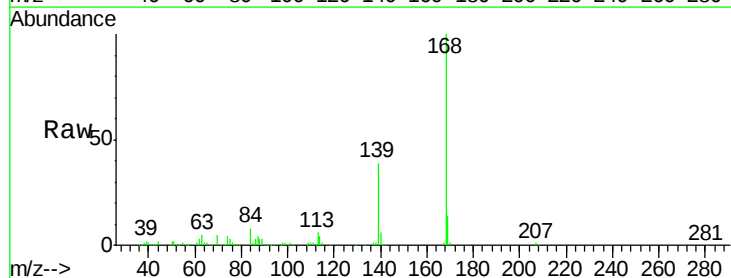
Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 3.103 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	28.6	43.0
169	14.5	11.2	16.8

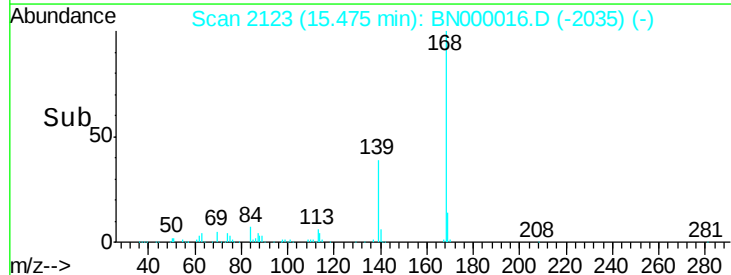
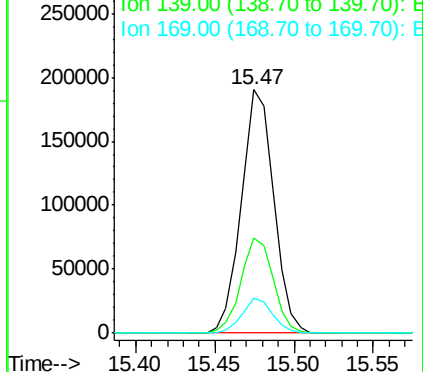


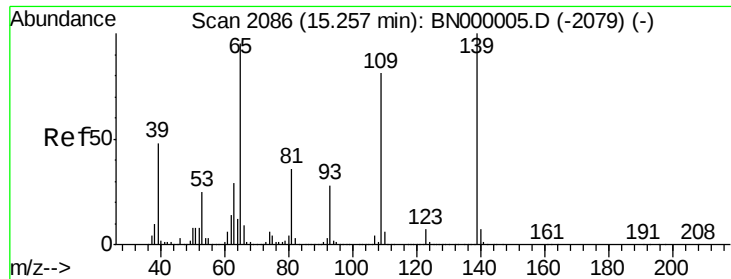
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





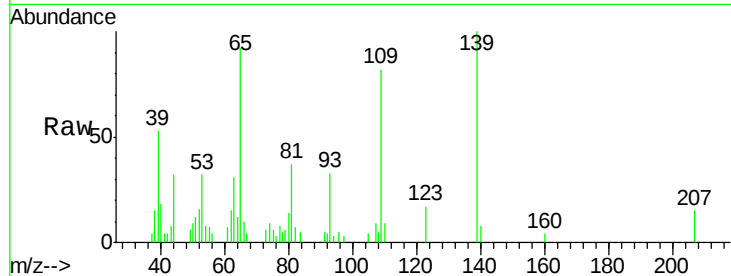
#55
4-Nitrophenol
Concen: 1.139 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

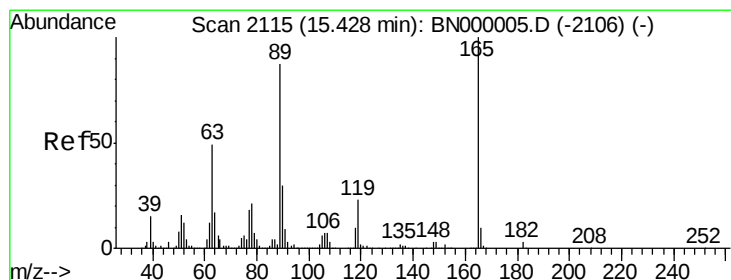
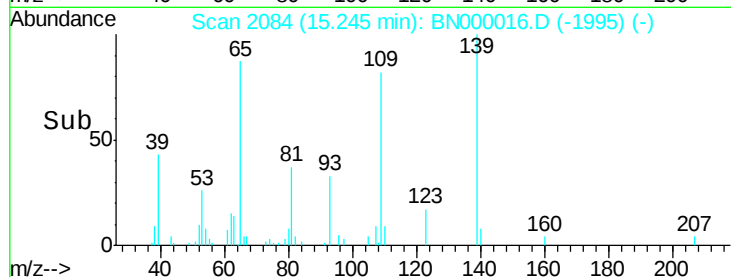
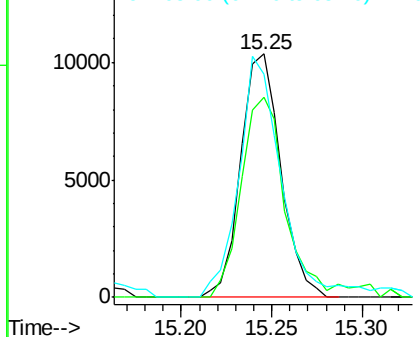
Tot Ion	Ratio	Lower	Upper
139	100		
109	82.1	62.2	102.2
65	91.7	97.2	137.2#

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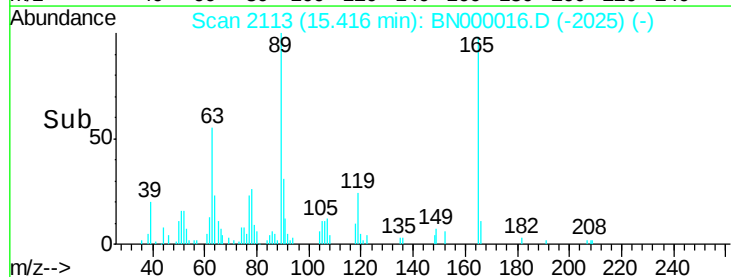
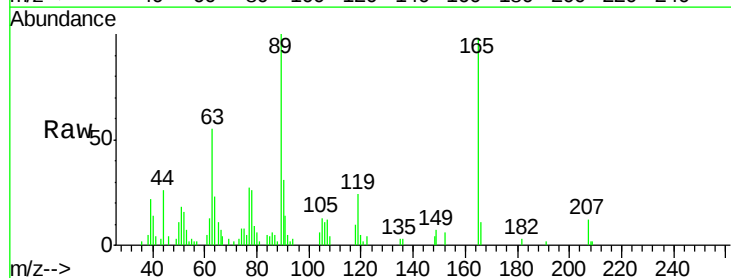
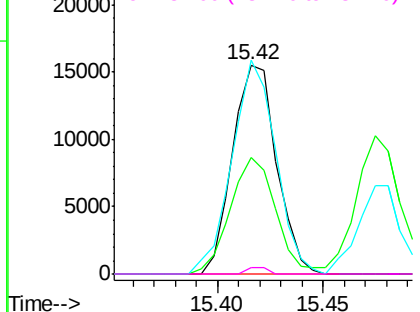
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC

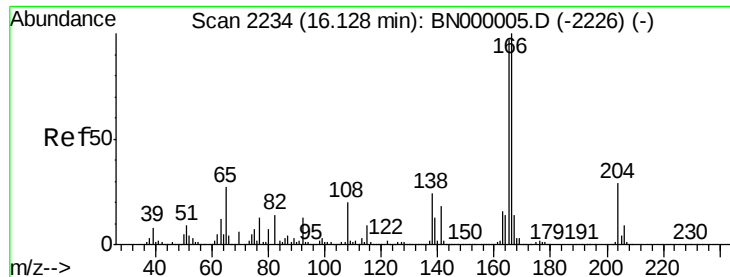


#56
2,4-Dinitrotoluene
Concen: 1.103 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	42.0	63.0
89	102.4	66.9	100.3#
182	2.8	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: 2.880 ng

RT: 16.12 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

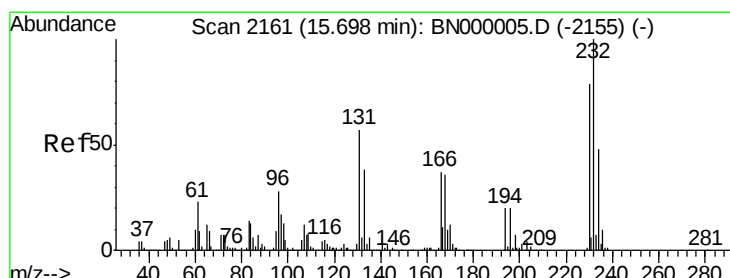
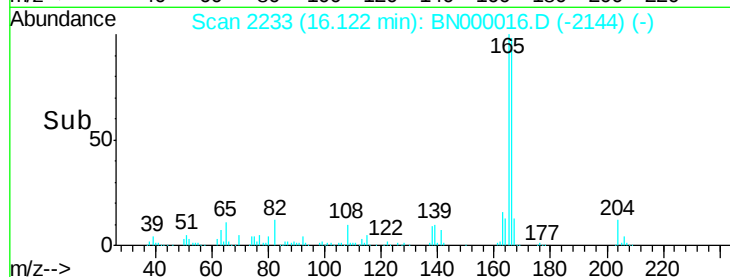
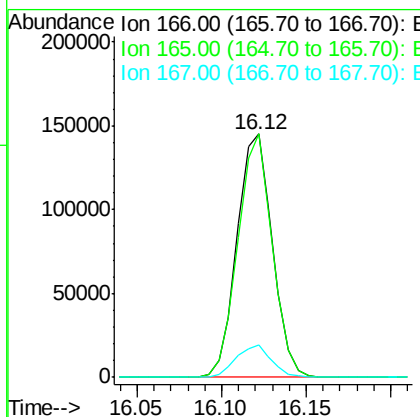
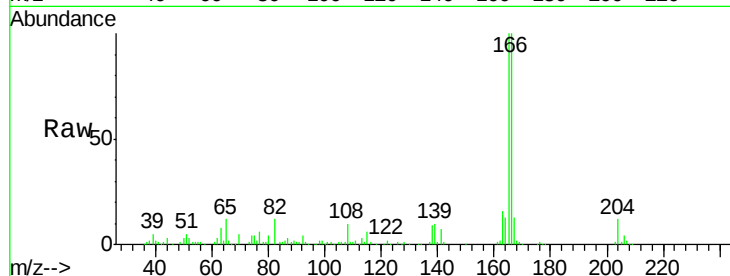
ClientSampleId :

MDL-S-03

Tot Ion:	166	Resp:	211217
Ion Ratio		Lower	Upper
166	100		
165	100.0	80.6	121.0
167	13.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 1.640 ng

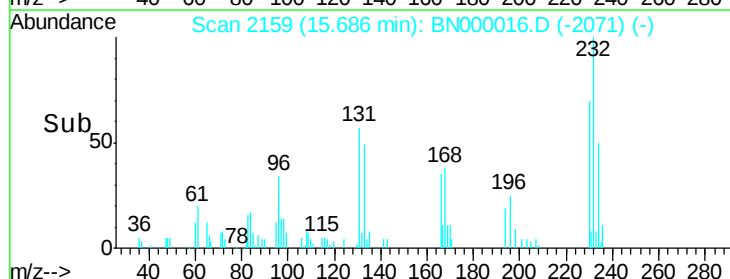
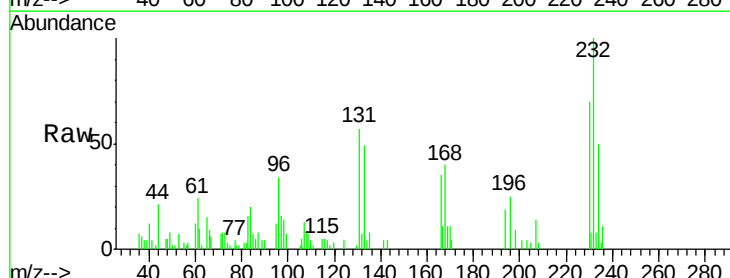
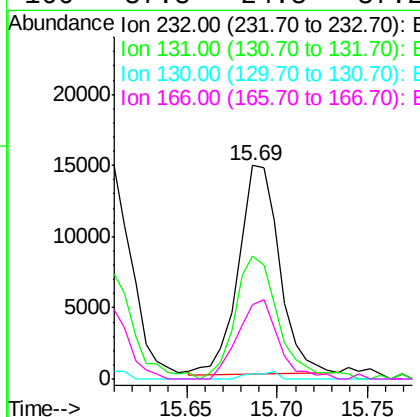
RT: 15.69 min Scan# 2159

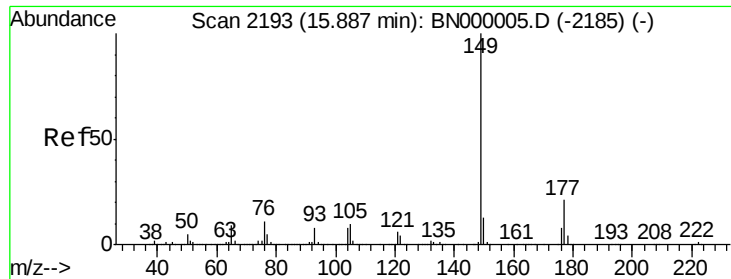
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	232	Resp:	23125
Ion Ratio		Lower	Upper
232	100		
131	62.1	33.5	50.3#
130	2.4	2.2	3.2
166	37.8	24.8	37.2#





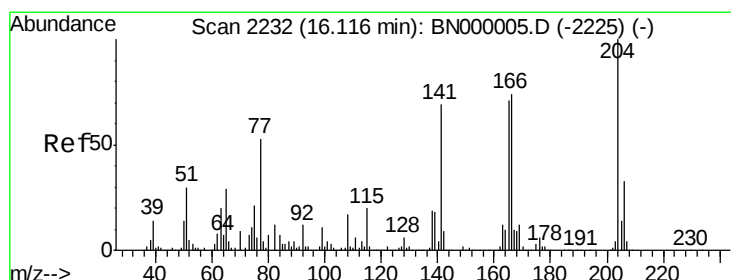
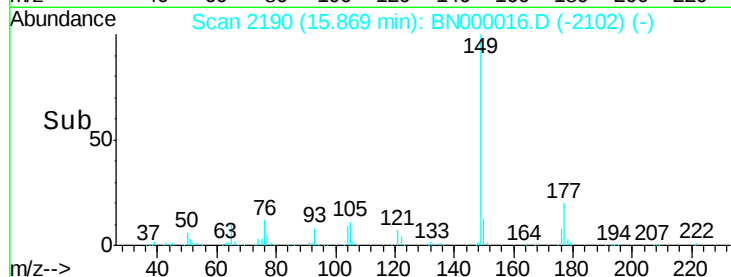
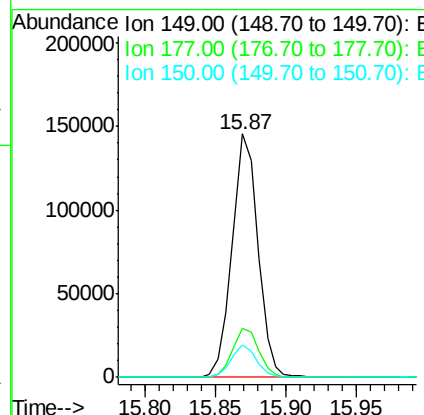
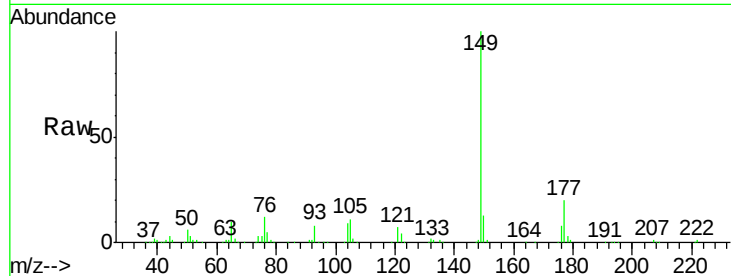
#59
Diethylphthalate
Concen: 2.334 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	18.5	27.7
150	13.2	10.2	15.2

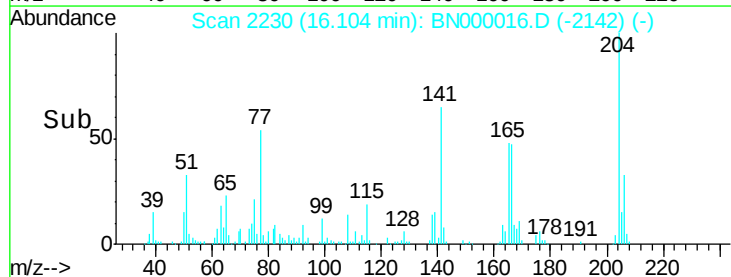
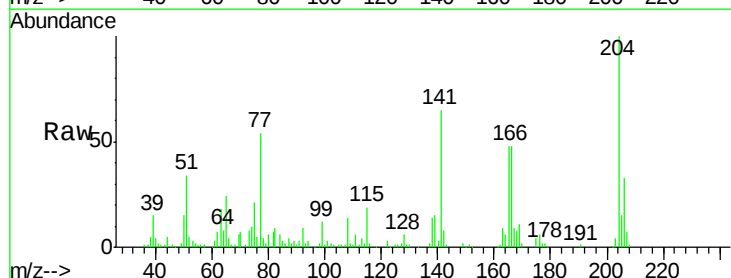
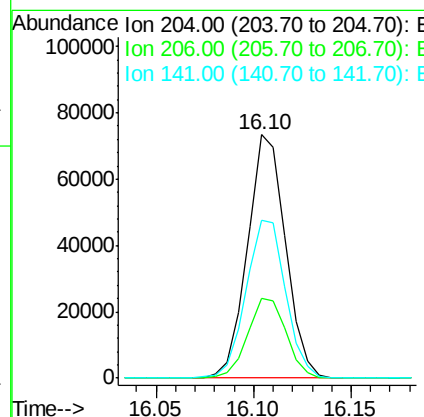
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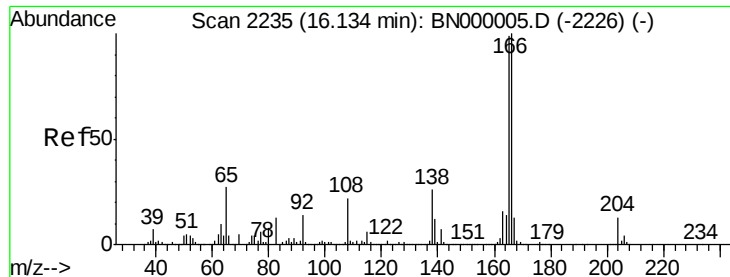
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 3.055 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	65.0	45.8	68.6





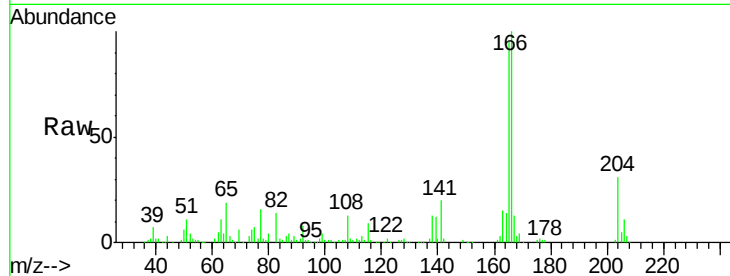
#61
4-Nitroaniline
Concen: 1.342 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.5	40.1	80.1
108	98.8	65.4	105.4

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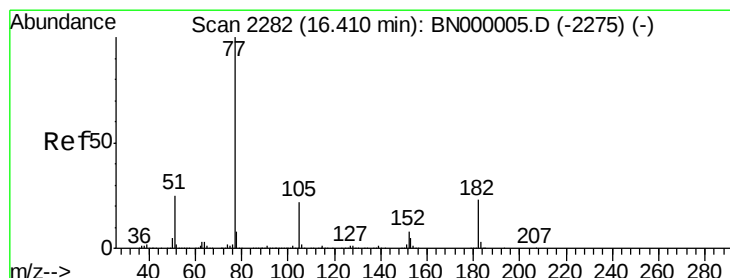
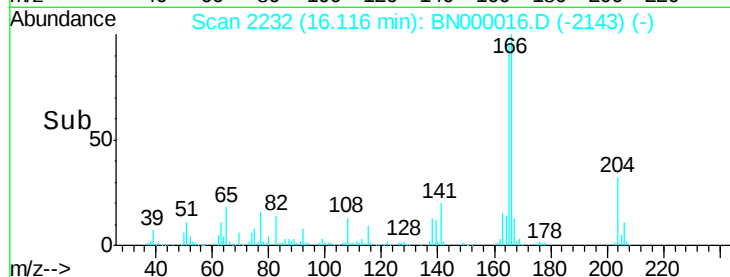
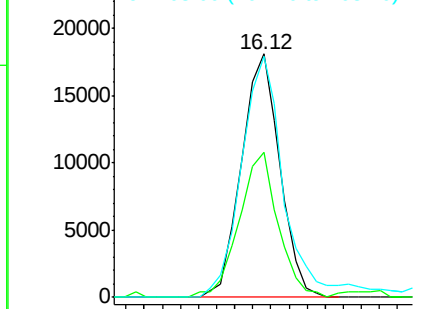


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 2.375 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	7.4	47.4
105	21.2	0.3	40.3
51	25.7	11.6	51.6

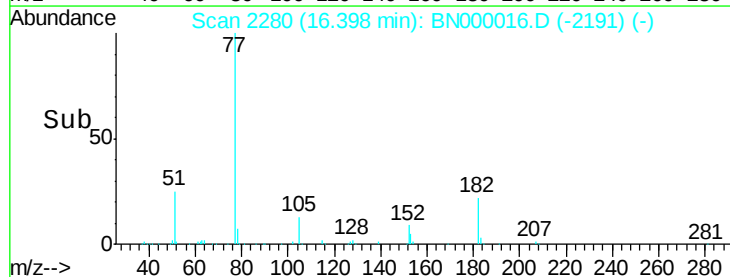
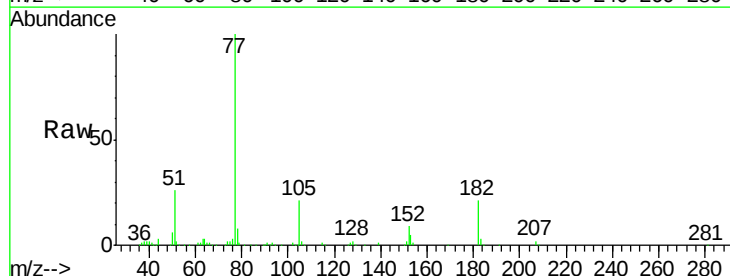
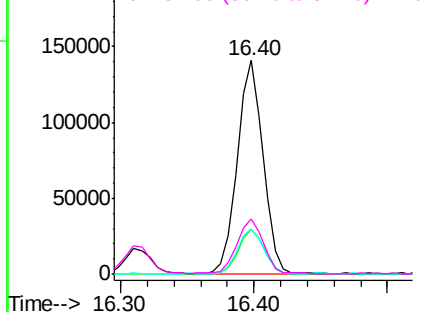
Abundance

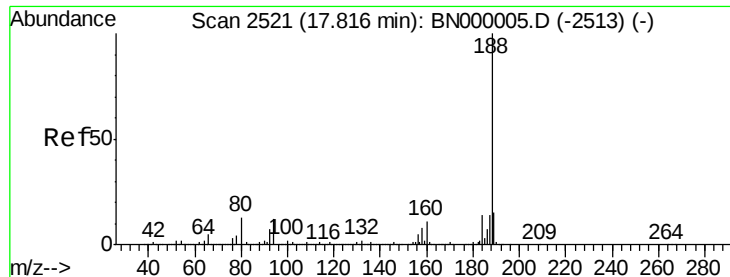
Ion 77.00 (76.70 to 77.70): BNO

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNO





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampled :

MDL-S-03

Tot Ion:188 Resp: 1934265

Ion Ratio Lower Upper

188 100

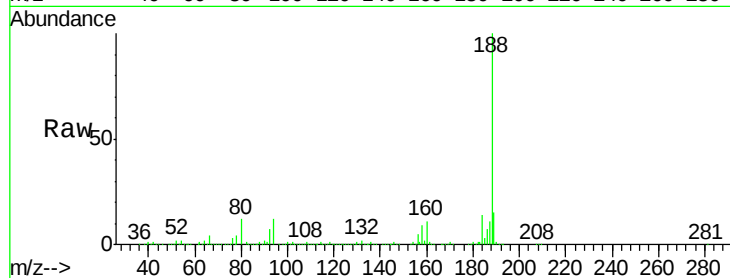
94 11.6 6.9 10.3#

80 12.0 7.7 11.5#

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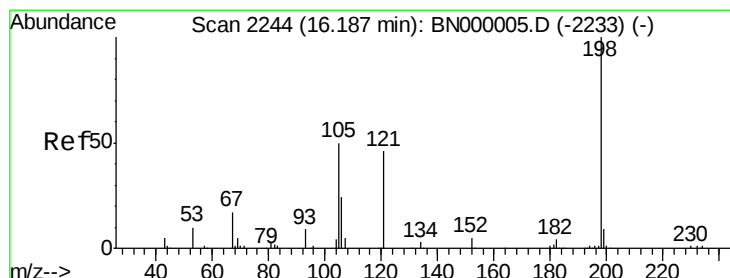
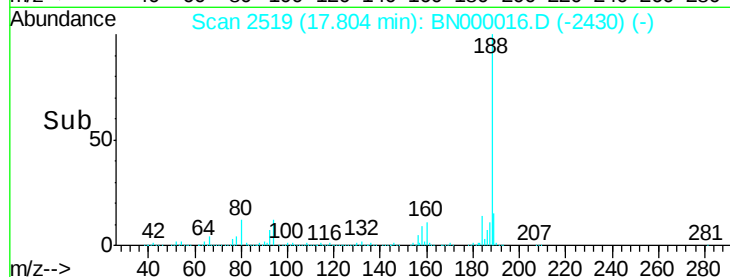
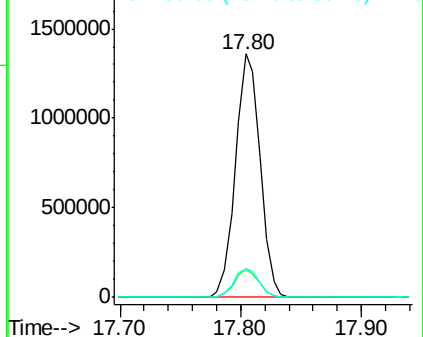
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 1.206 ng

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

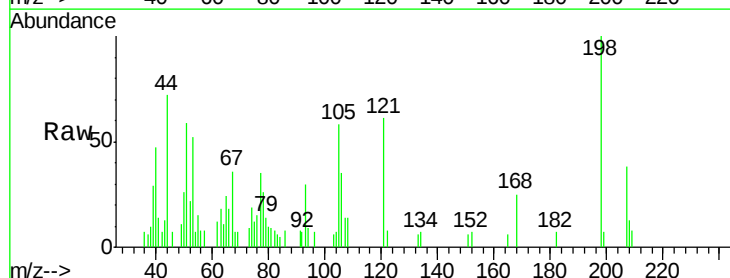
Tgt Ion:198 Resp: 8552

Ion Ratio Lower Upper

198 100

51 59.4 30.6 70.6

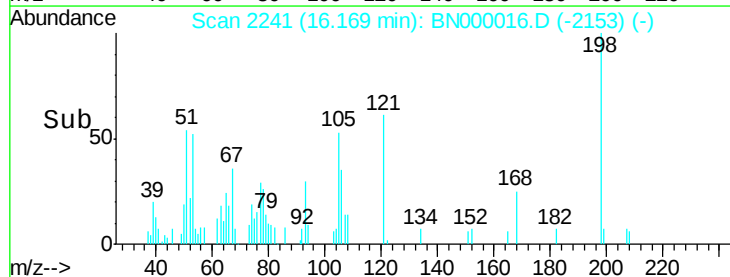
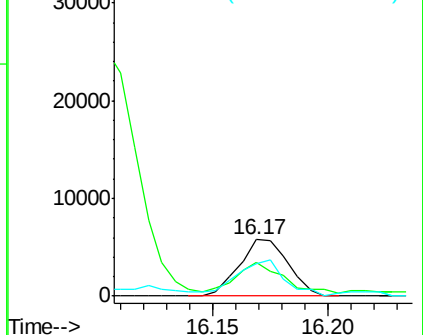
105 58.3 23.8 63.8

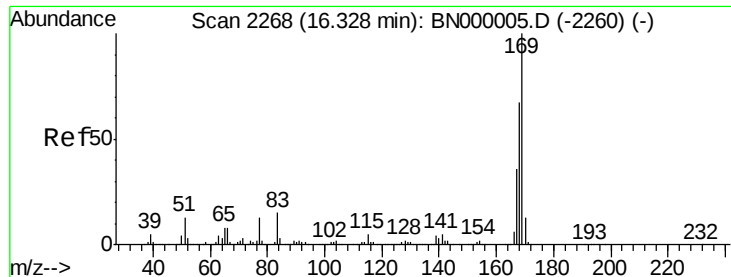


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





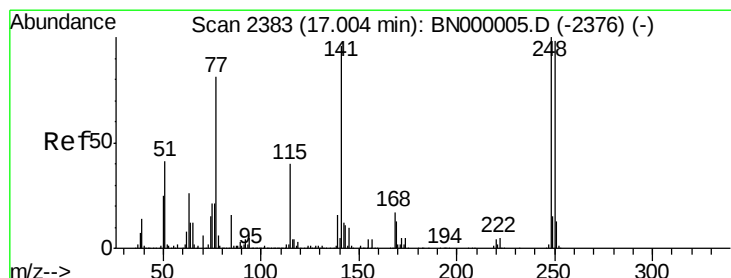
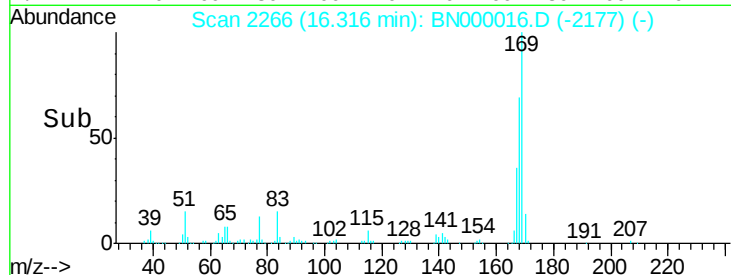
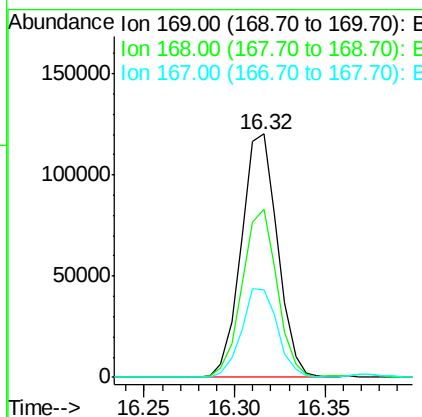
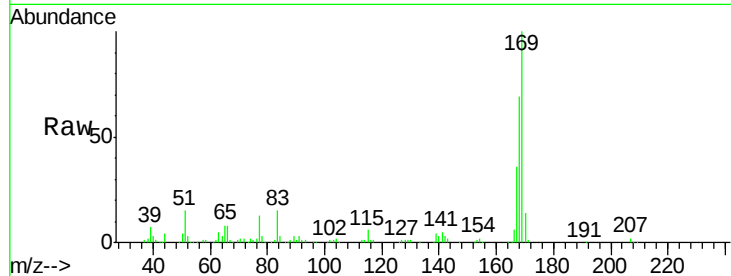
#65
 n-Nitrosodiphenylamine
 Concen: 2.646 ng
 RT: 16.32 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Resp	Lower	Upper
169	100	167258		
168	68.9		55.7	83.5
167	35.7		30.1	45.1

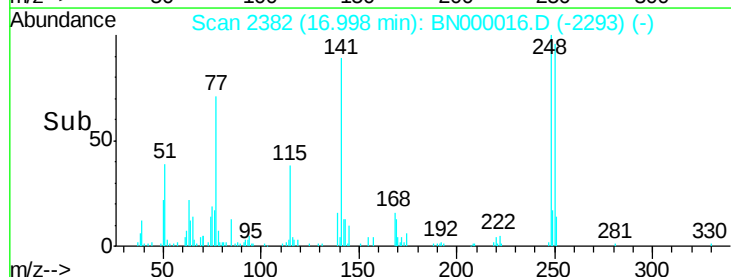
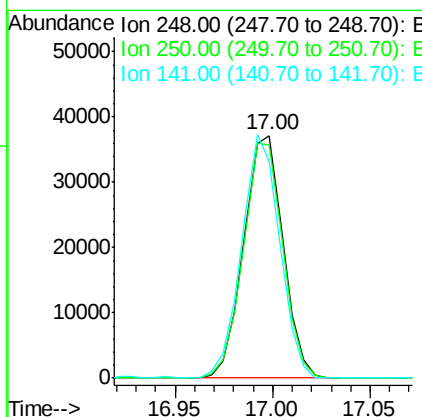
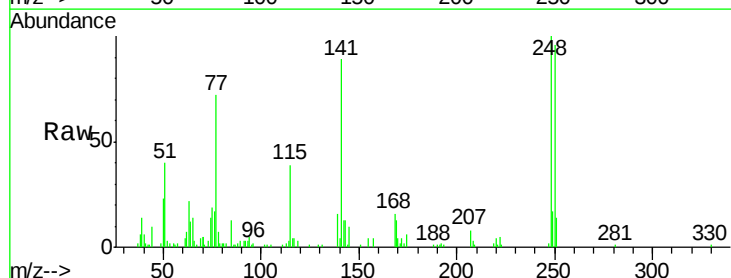
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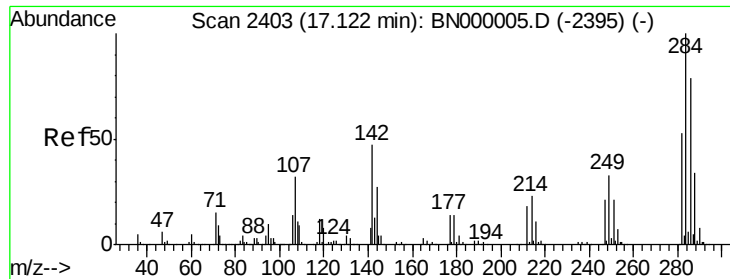
Sohil
 2/6/2018 5:15:25 PM



#66
 4-Bromophenyl-phenylether
 Concen: 2.865 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	51857		
250	96.4		77.1	115.7
141	89.5		50.8	76.2#





#67

Hexachlorobenzene

Concen: 3.117 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

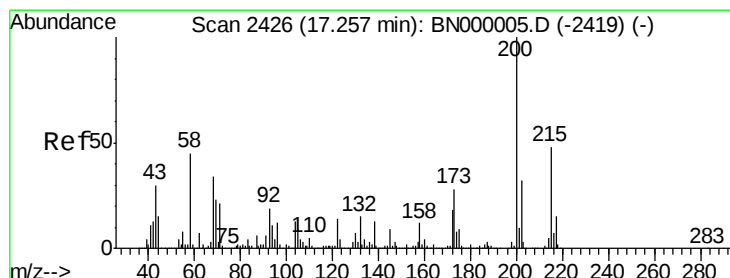
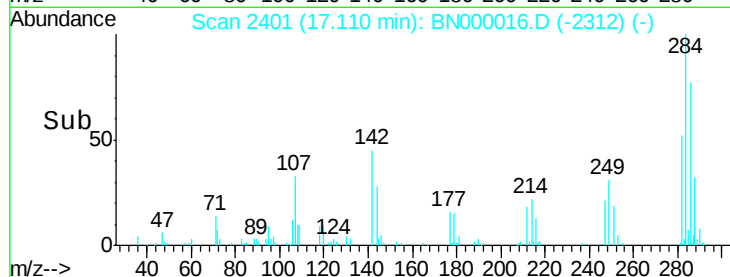
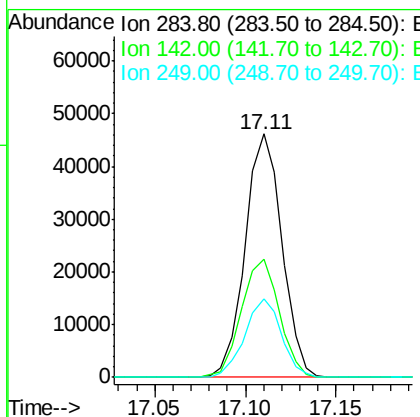
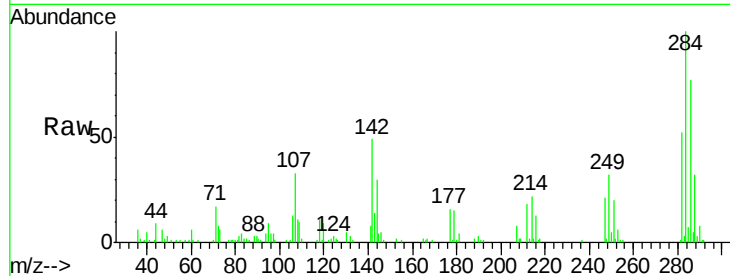
ClientSampled :

MDL-S-03

Tot Ion	Ratio	Resp	Lower	Upper
284	100	65001		
142	48.6		26.8	40.2#
249	32.3		26.3	39.5

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#68

Atrazine

Concen: 2.182 ng

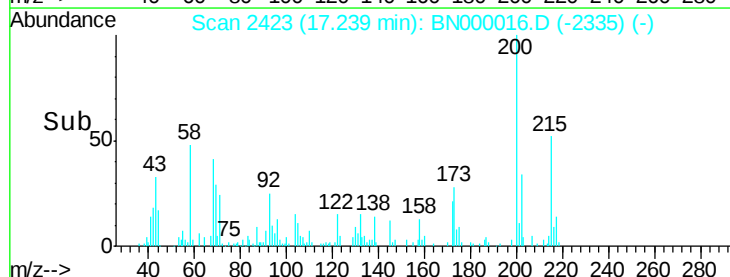
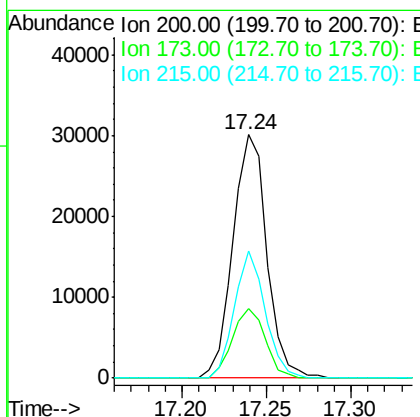
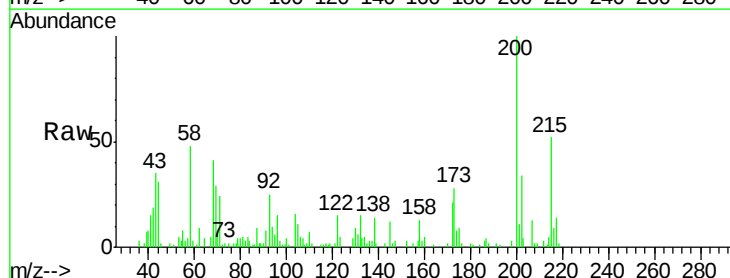
RT: 17.24 min Scan# 2423

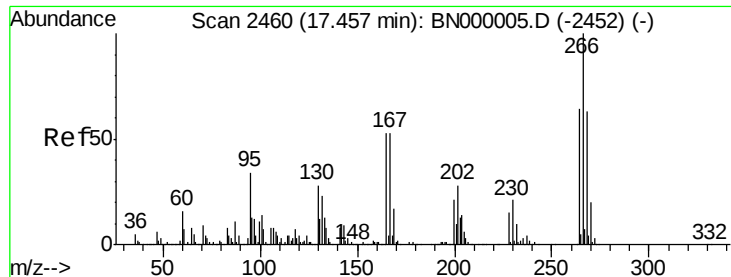
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	42044		
173	28.5		5.2	45.2
215	52.3		30.4	70.4





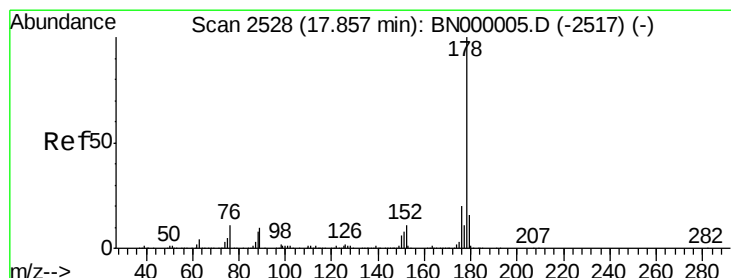
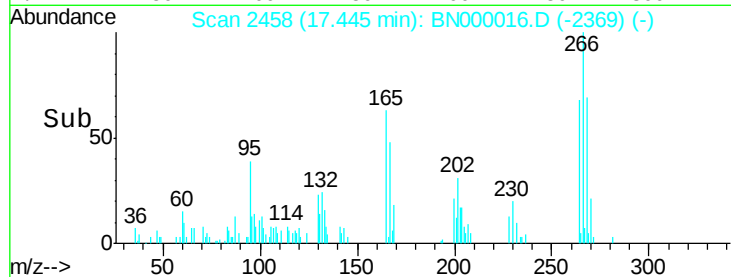
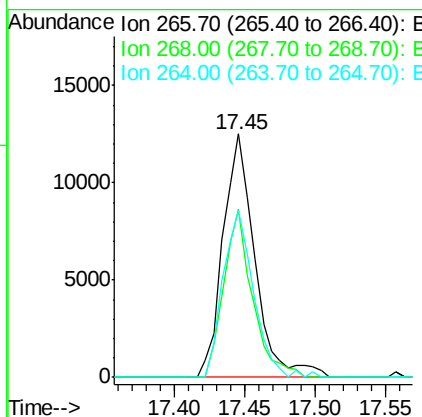
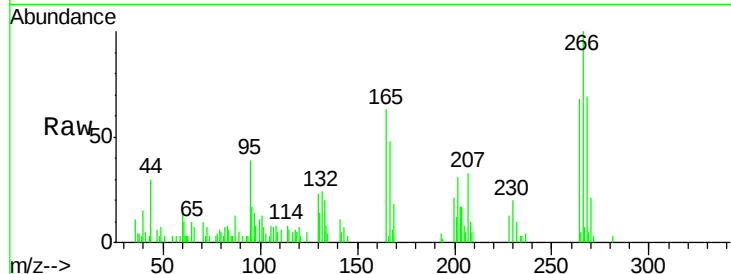
#69
 Pentachlorophenol
 Concen: 1.572 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
266	100		
268	74.4	51.1	76.7
264	68.4	49.6	74.4

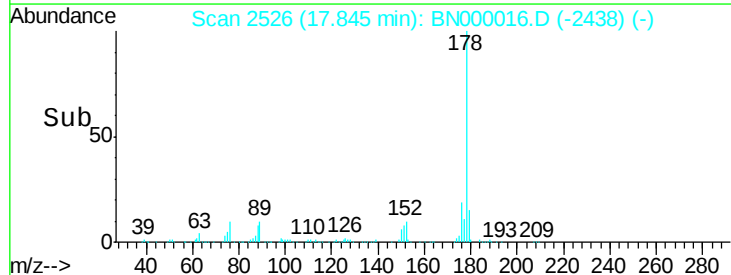
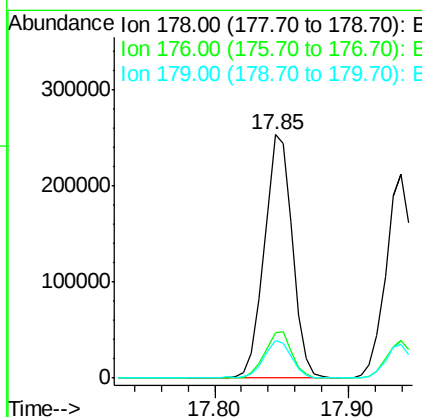
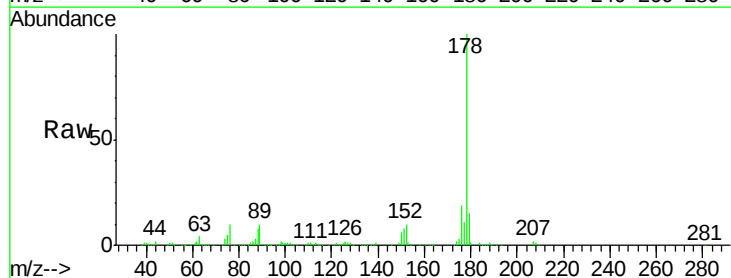
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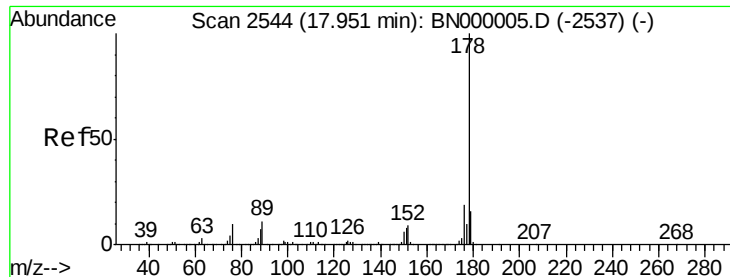
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#70
 Phenanthrene
 Concen: 3.175 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.4	12.5	18.7





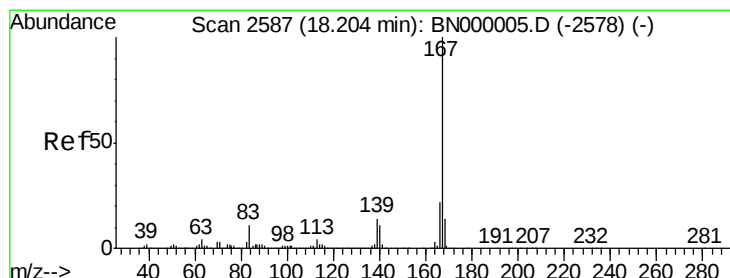
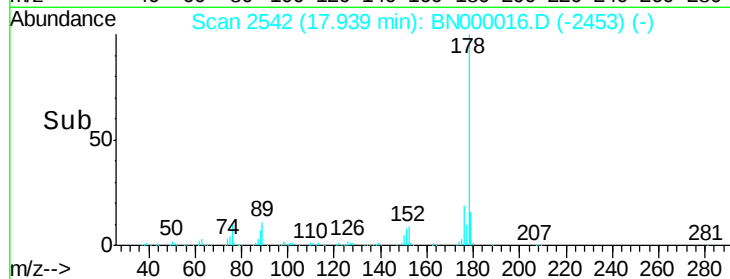
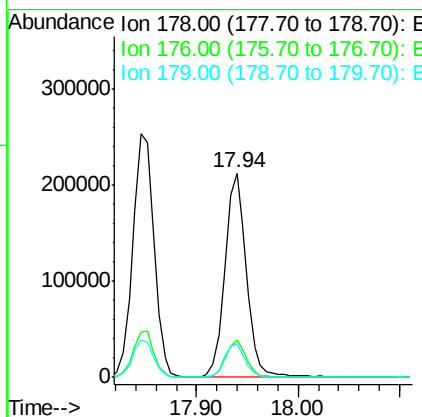
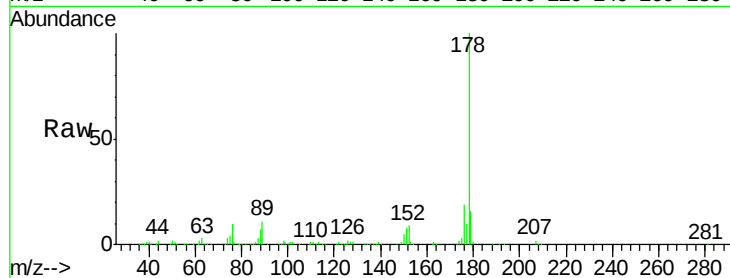
#71
 Anthracene
 Concen: 2.687 ng
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.3	12.5	18.7

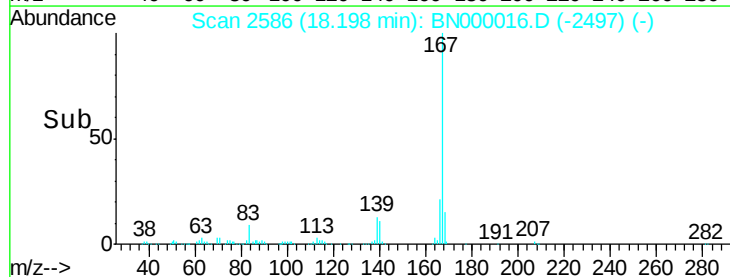
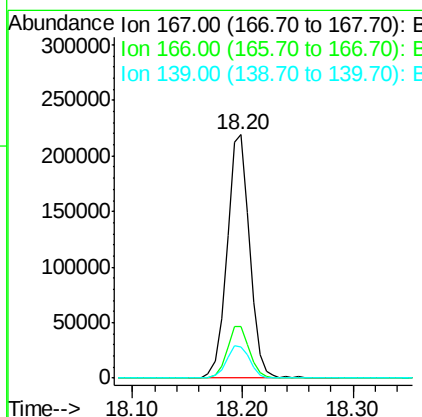
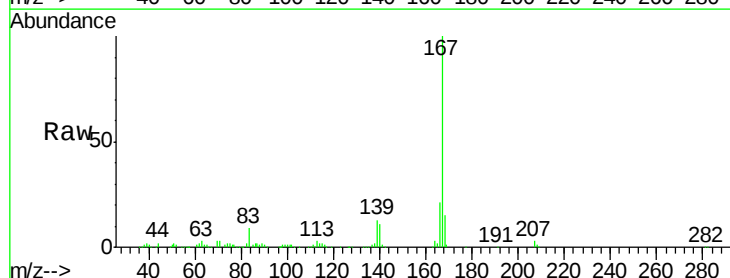
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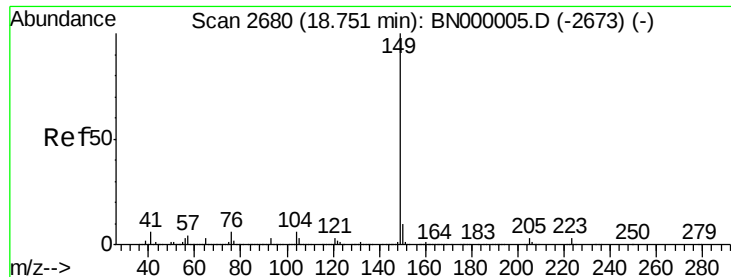
Sohil
 2/6/2018 5:15:25 PM



#72
 Carbazole
 Concen: 2.626 ng
 RT: 18.20 min Scan# 2586
 Delta R.T. -0.01 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 1.712 ng

RT: 18.74 min Scan# 2678

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

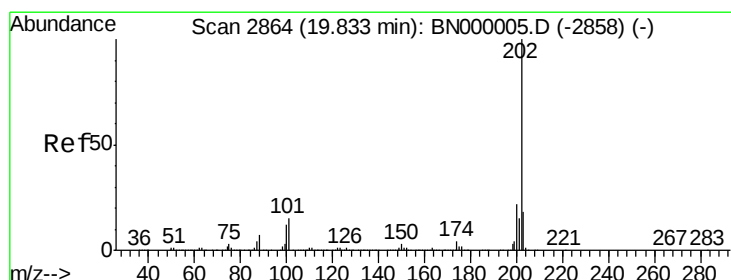
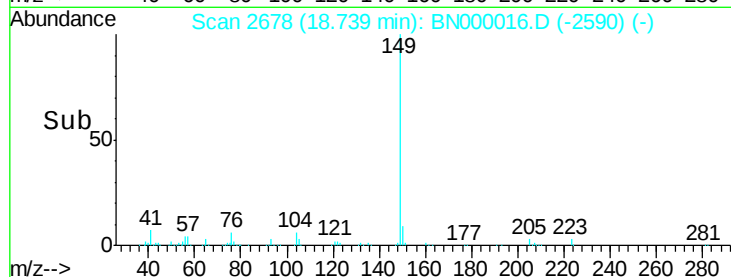
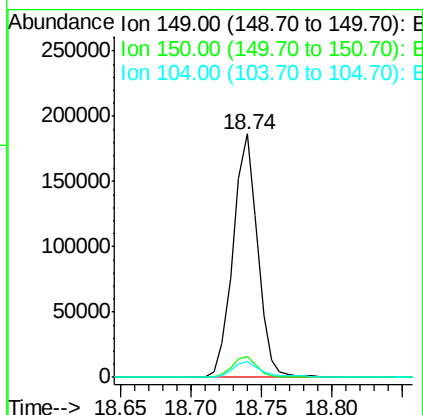
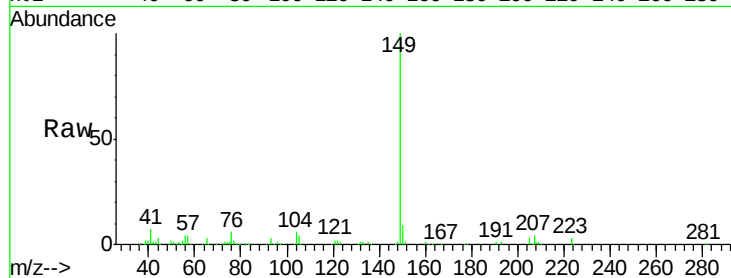
ClientSampled :

MDL-S-03

Tot Ion:	149	Resp:	226847
Ion Ratio		Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.3	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 2.654 ng

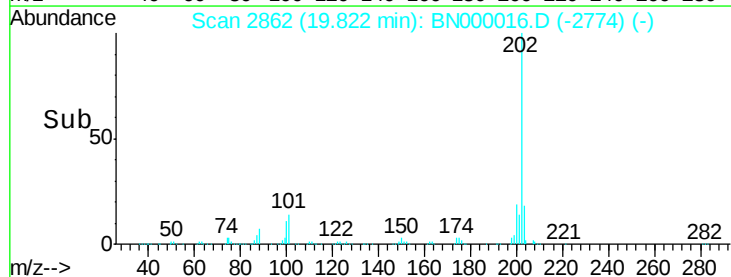
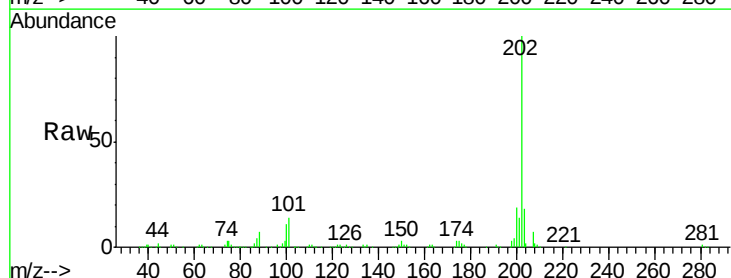
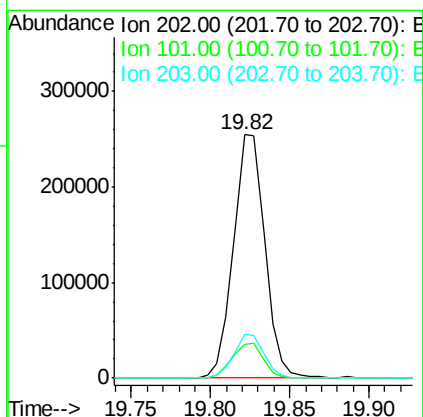
RT: 19.82 min Scan# 2862

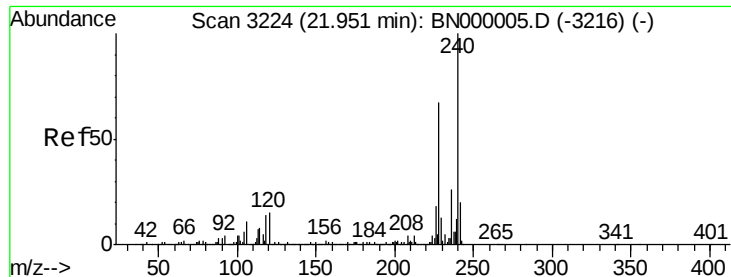
Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion:	202	Resp:	350668
Ion Ratio		Lower	Upper
202	100		
101	13.7	0.0	28.9
203	17.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tot Ion:240 Resp: 2246983

Ion Ratio Lower Upper

240 100

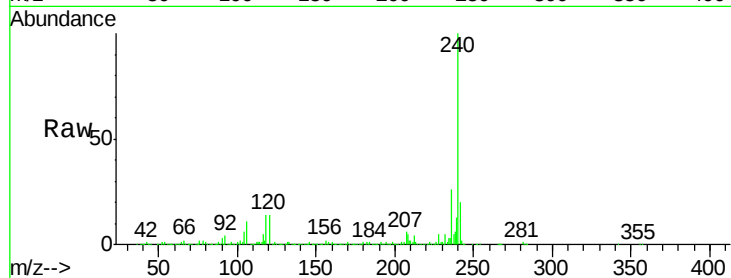
120 14.5 6.8 10.2#

236 26.5 20.9 31.3

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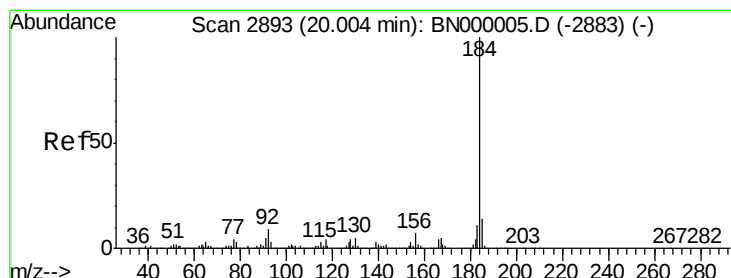
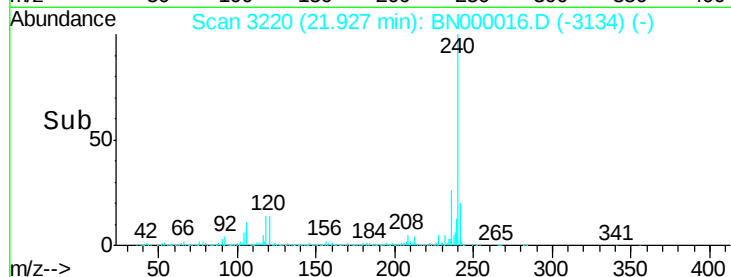
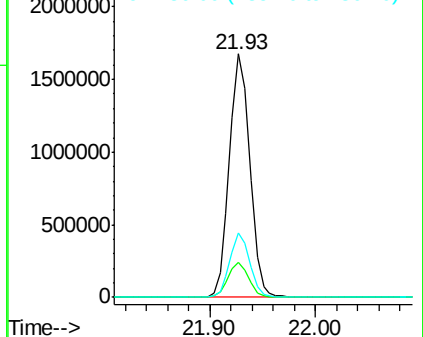
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.738 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

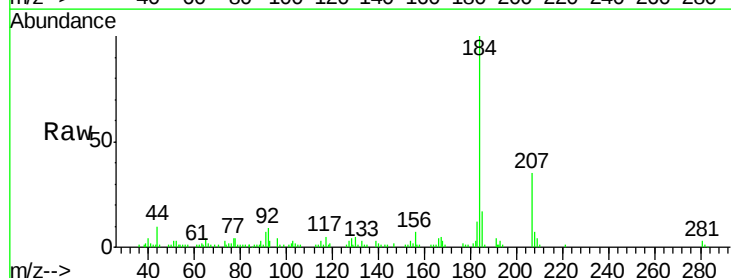
Tgt Ion:184 Resp: 98880

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

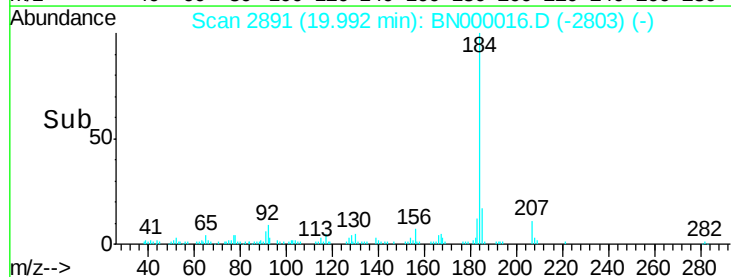
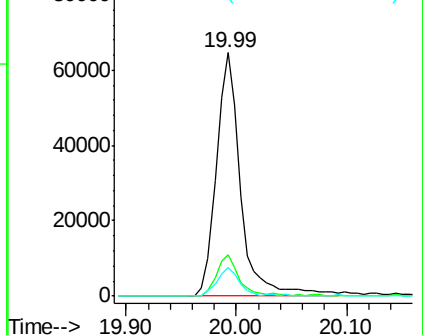
183 11.7 10.6 16.0

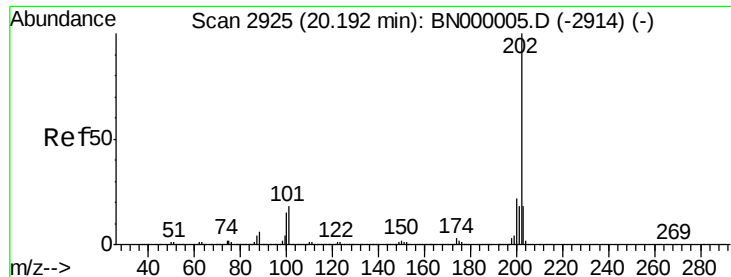


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.815 ng

RT: 20.18 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

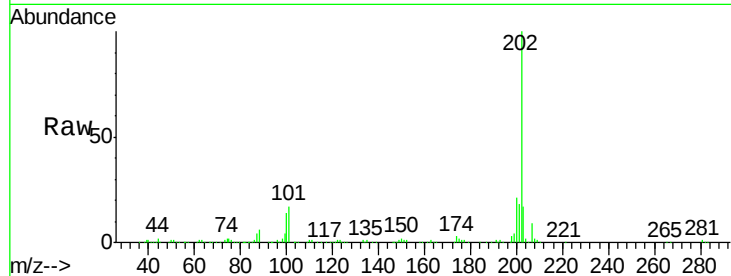
ClientSampleId :

MDL-S-03

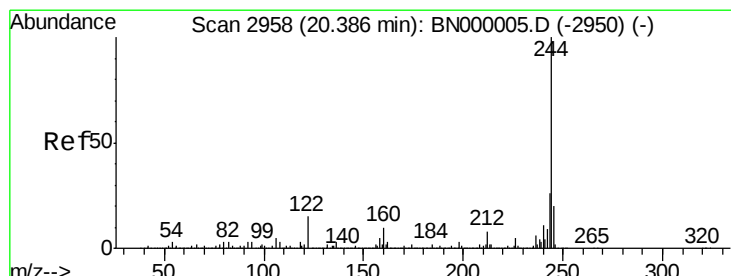
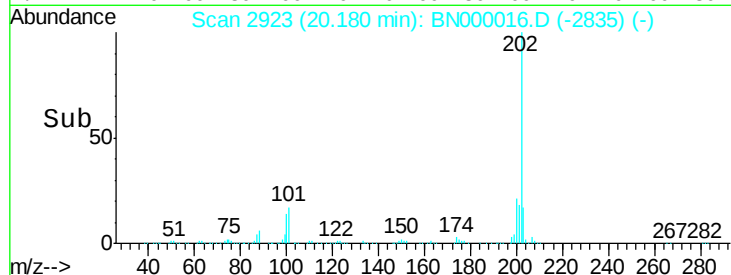
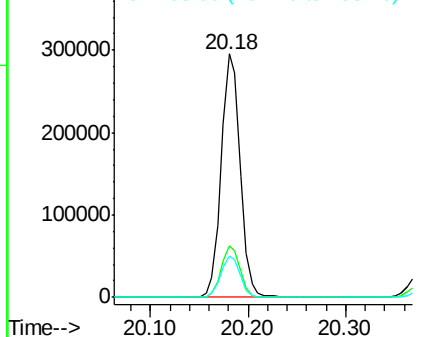
Tot Ion:	202	Resp:	399032
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.2	13.9	20.9

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



#78

Terphenyl-d14

Concen: 94.199 ng

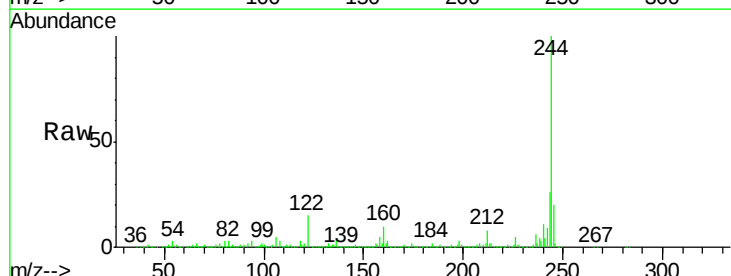
RT: 20.37 min Scan# 2956

Delta R.T. -0.01 min

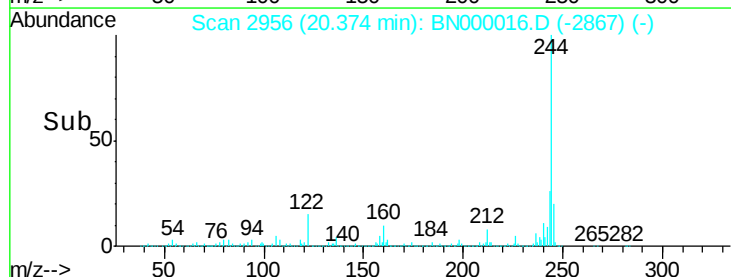
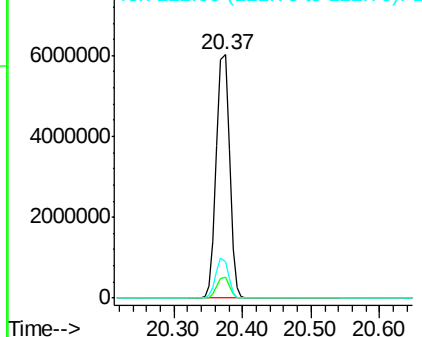
Lab File: BN000016.D

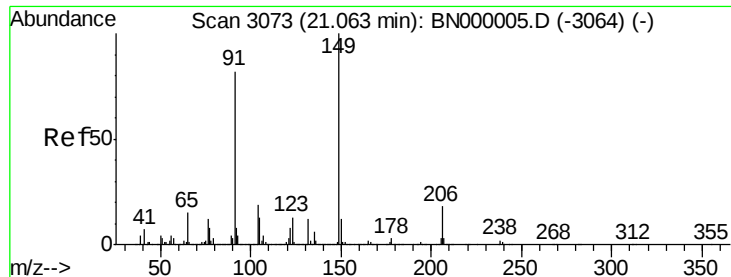
Acq: 05 Feb 2018 13:33

Tgt Ion:	244	Resp:	8019213
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	14.9	7.0	10.4#



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





#79

Butylbenzylphthalate

Concen: 1.097 ng

RT: 21.05 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

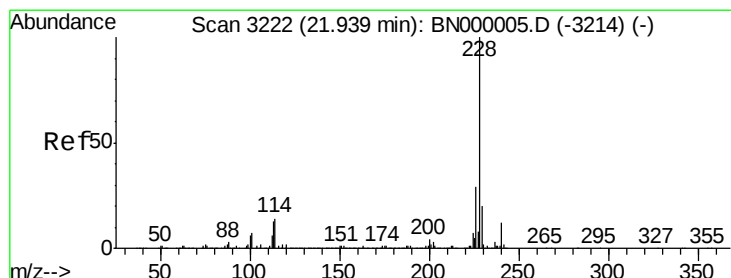
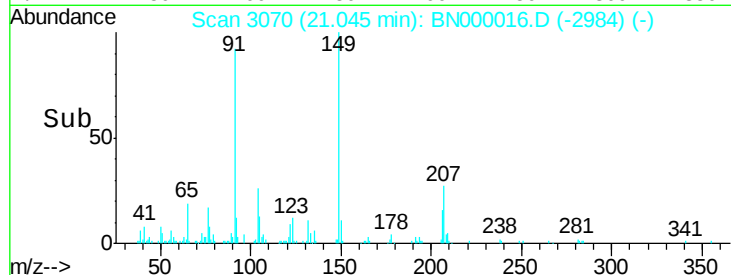
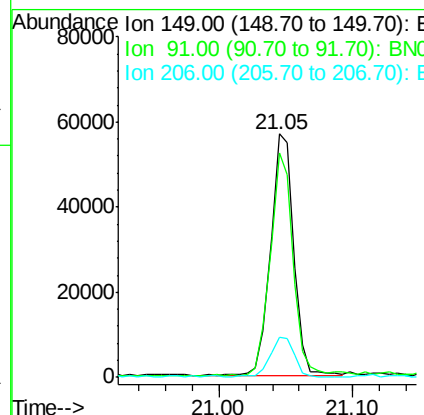
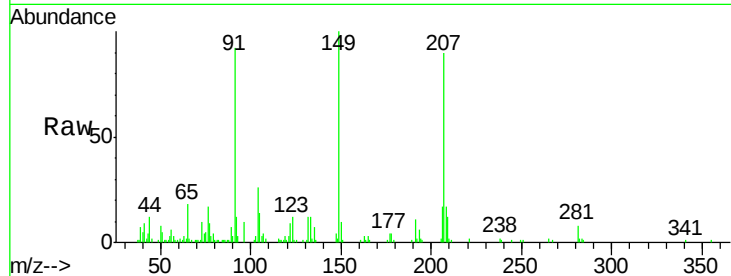
ClientSampled :

MDL-S-03

Tot Ion	Ratio	Lower	Upper
149	100		
91	92.0	62.2	93.2
206	16.7	18.6	27.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.831 ng

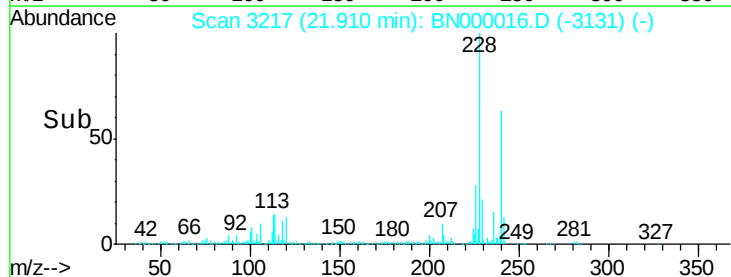
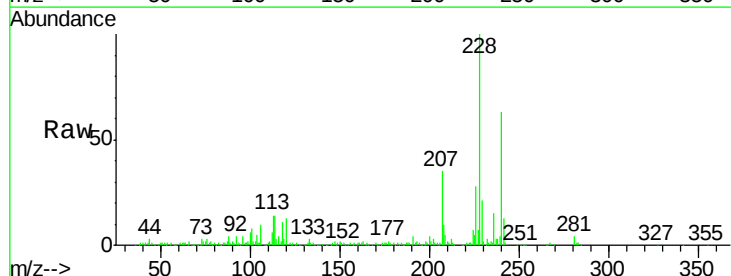
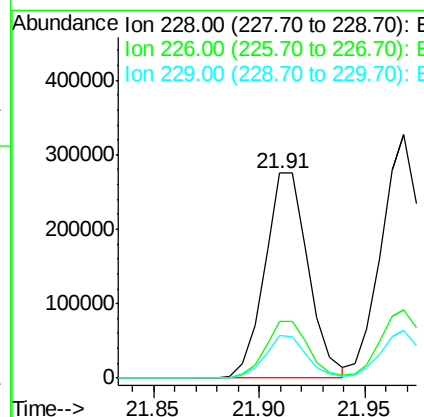
RT: 21.91 min Scan# 3217

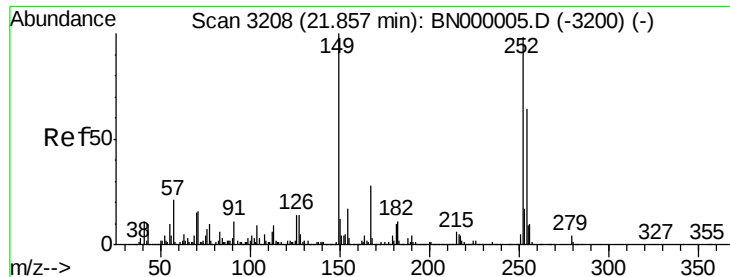
Delta R.T. -0.02 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	21.1	16.2	24.2





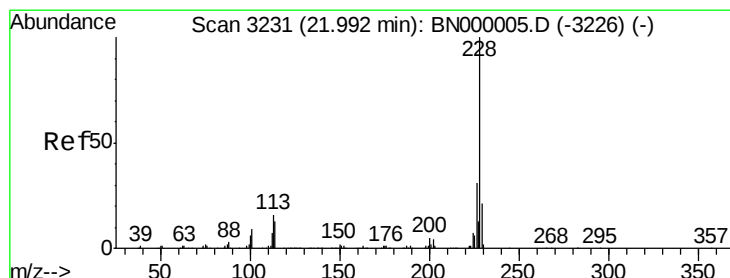
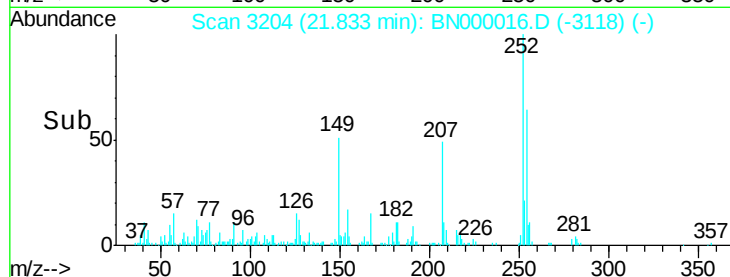
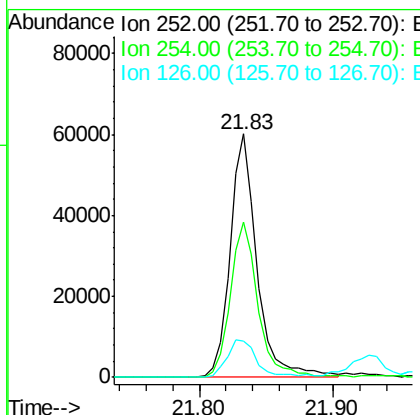
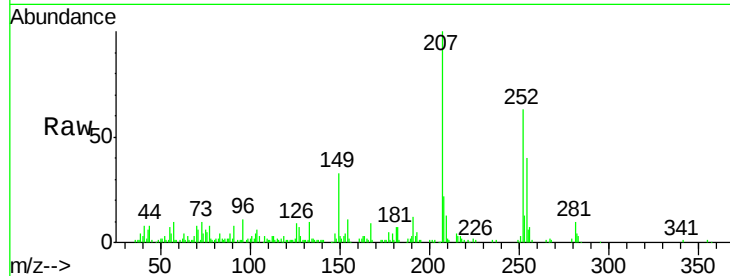
#81
 3,3'-Dichlorobenzidine
 Concen: 1.806 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.8	76.2
126	14.7	7.4	11.2

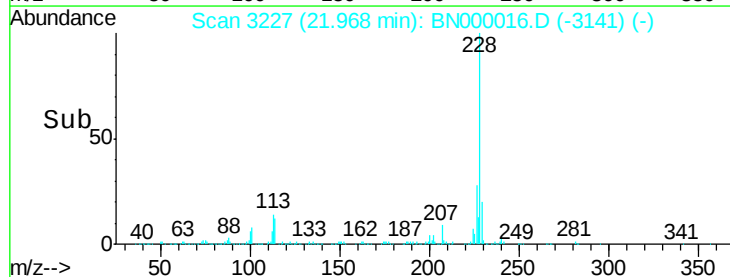
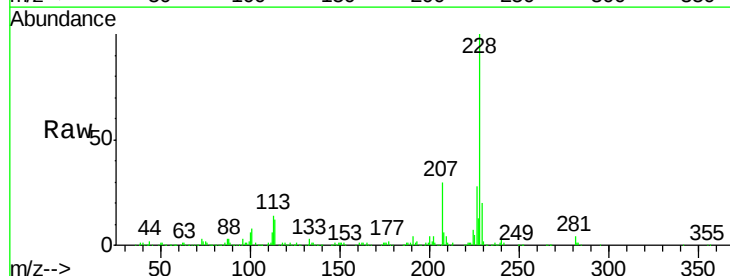
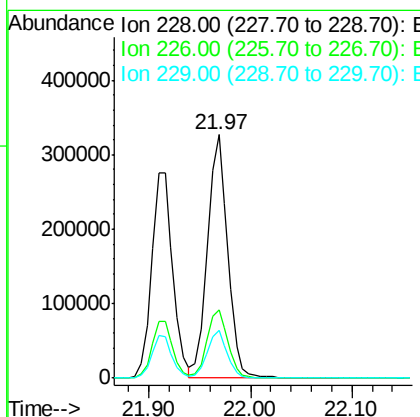
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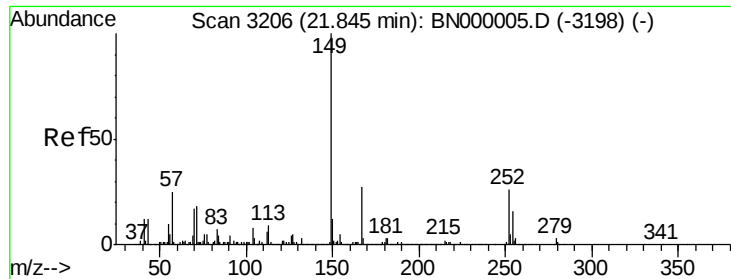
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#82
 Chrysene
 Concen: 3.255 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	19.5	15.0	22.4





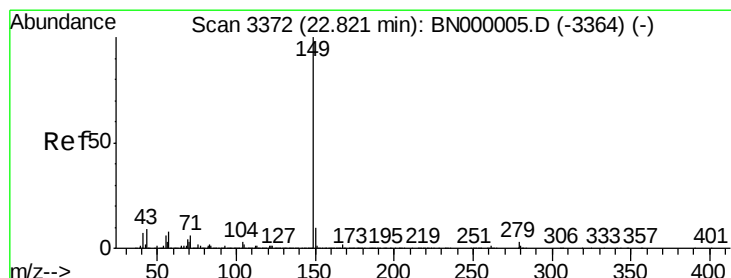
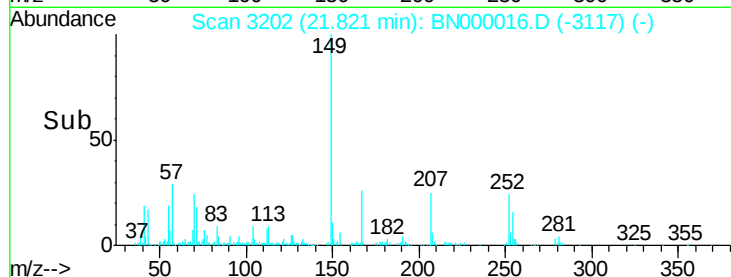
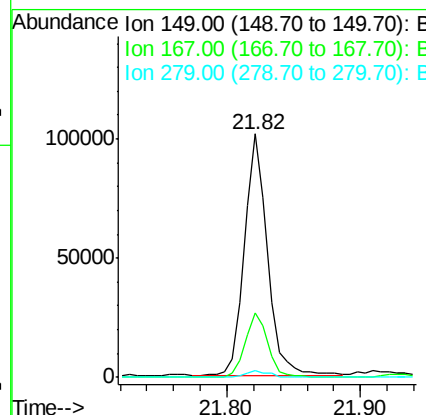
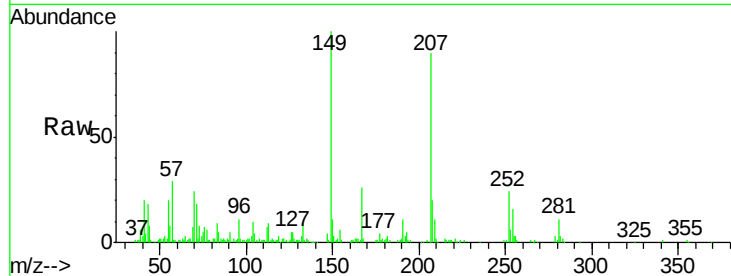
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.297 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.3	24.3	36.5
279	2.8	4.0	6.0

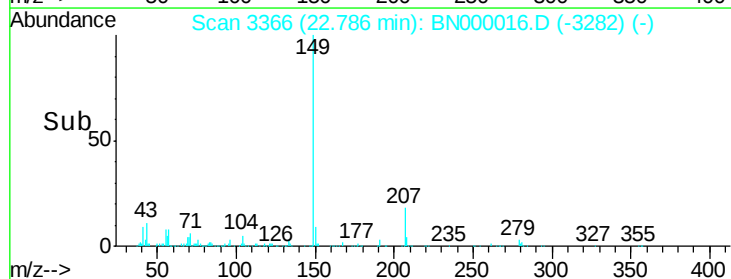
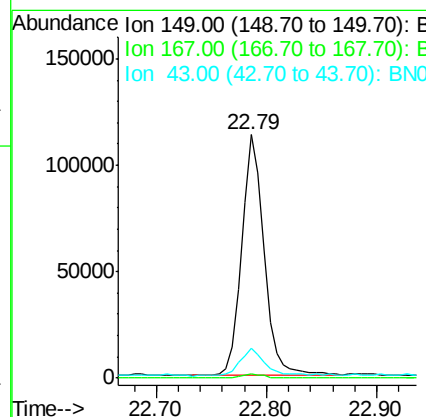
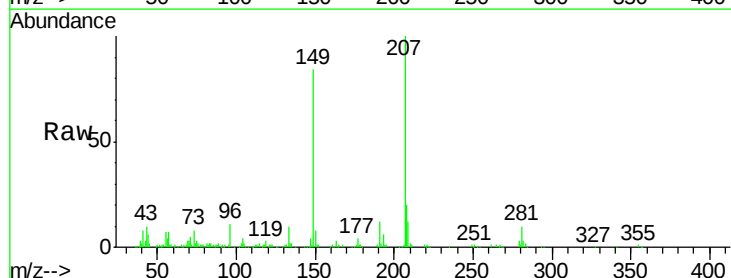
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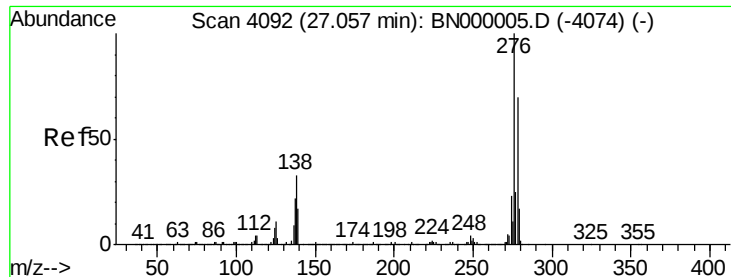
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#84
 Di-n-octyl phthalate
 Concen: 1.065 ng
 RT: 22.79 min Scan# 3366
 Delta R.T. -0.04 min
 Lab File: BN000016.D
 Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.4	2.0
43	13.2	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.543 ng

RT: 27.00 min Scan# 4082

Delta R.T. -0.05 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

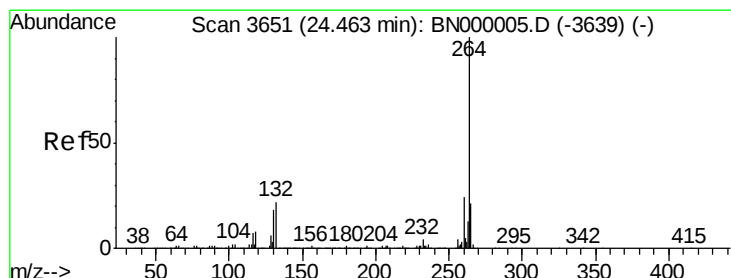
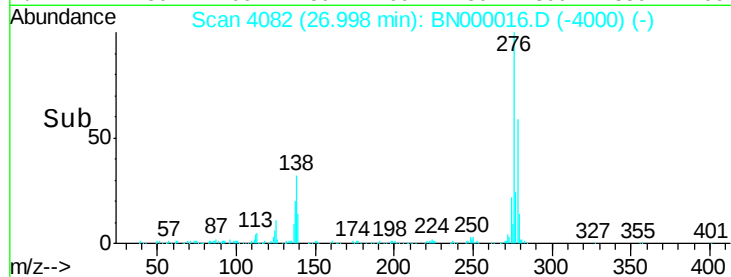
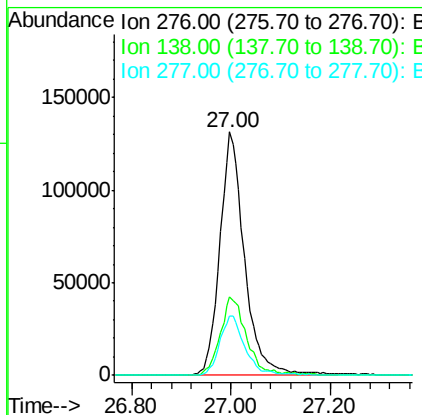
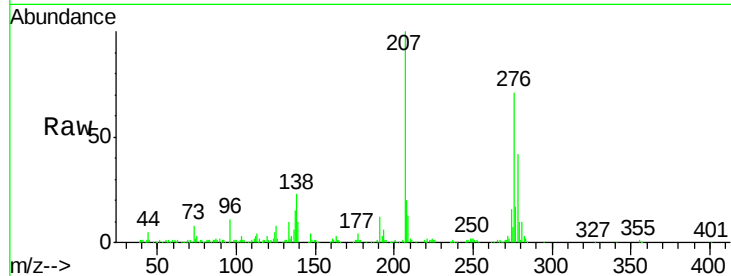
ClientSampleId :

MDL-S-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	16.0	24.0
277	25.0	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

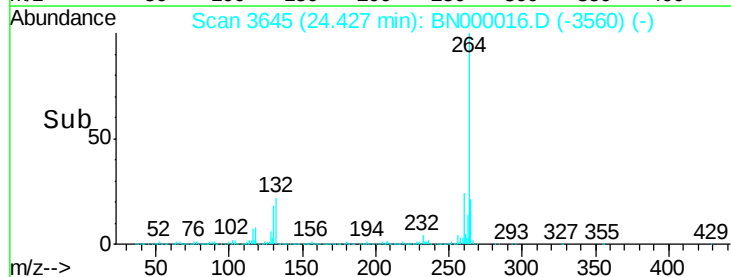
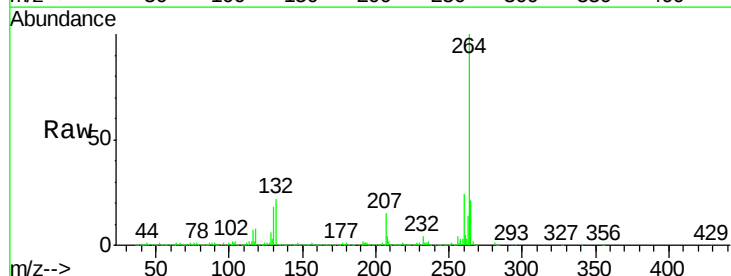
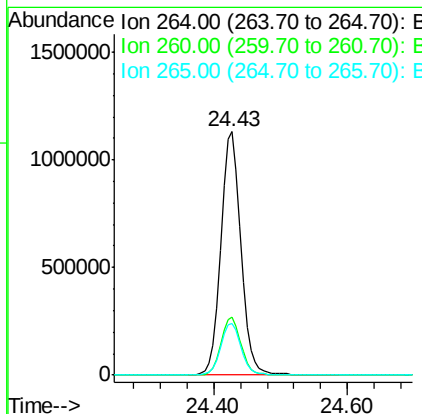
RT: 24.43 min Scan# 3645

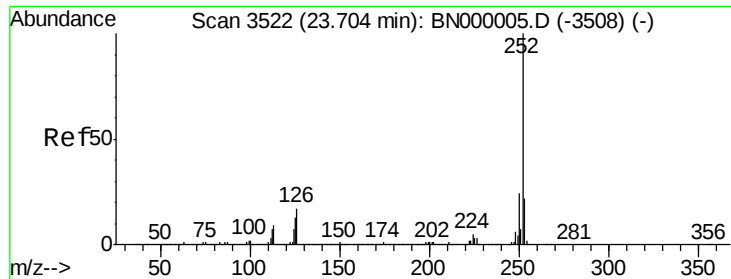
Delta R.T. -0.03 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.4	17.7	26.5





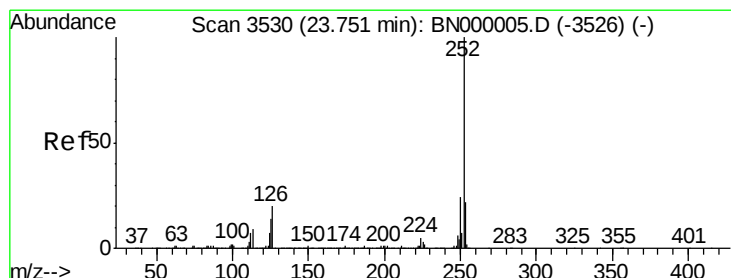
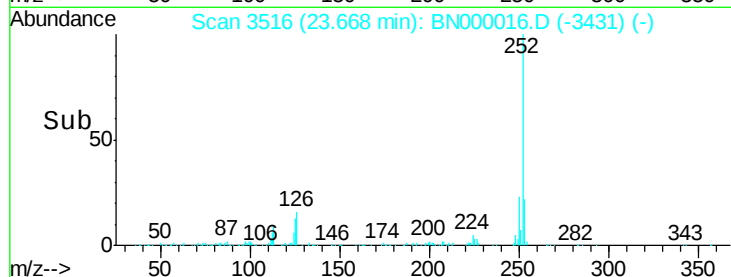
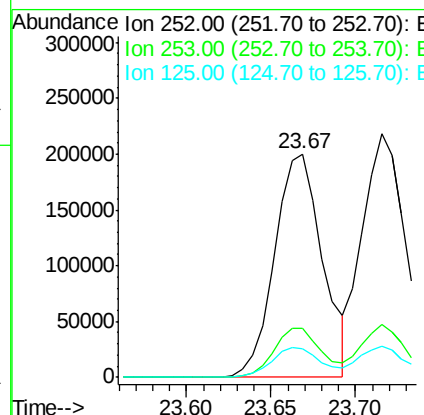
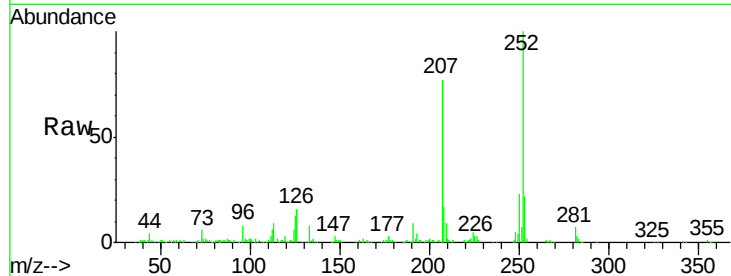
#87
Benzo(b)fluoranthene
Concen: 2.735 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.03 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampled :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.9	7.2	10.8

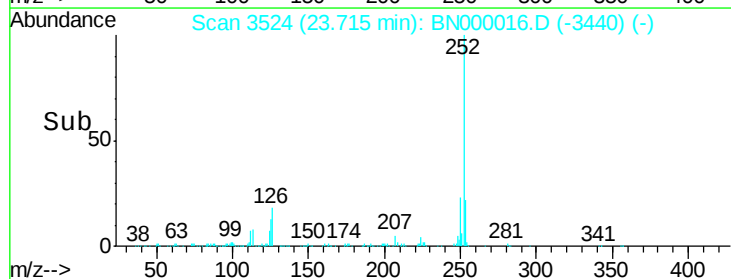
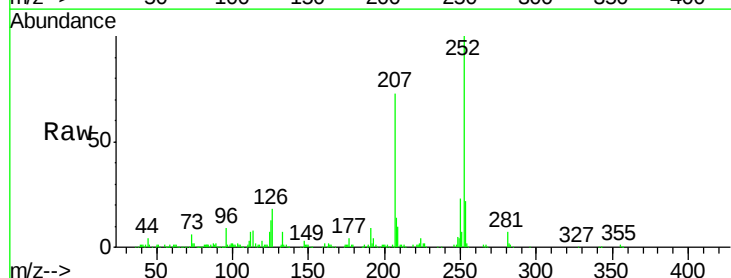
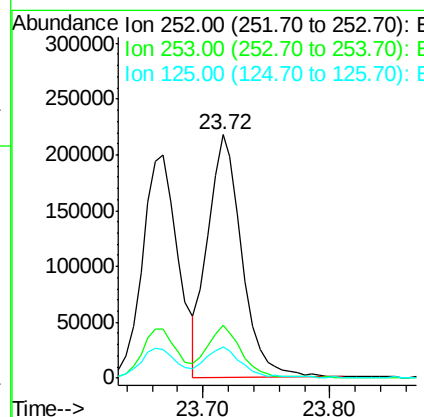
Manual Integrations
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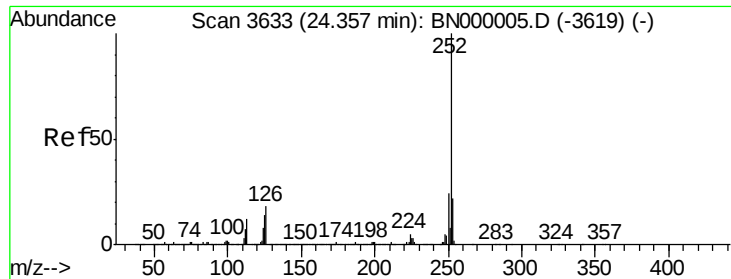
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#88
Benzo(k)fluoranthene
Concen: 2.809 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.04 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	13.0	6.6	9.8





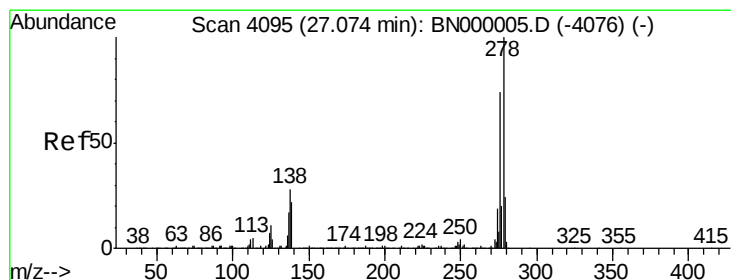
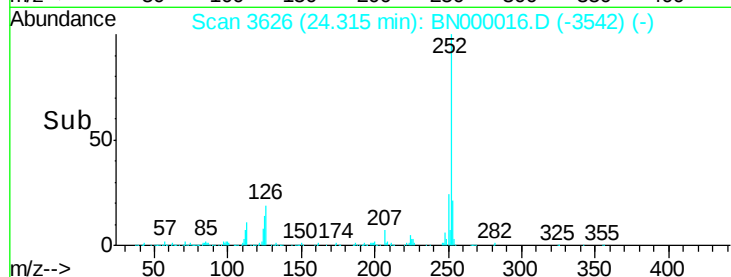
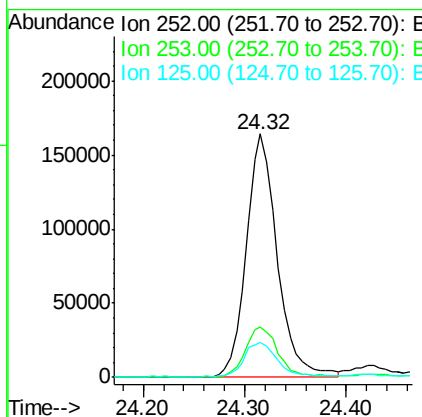
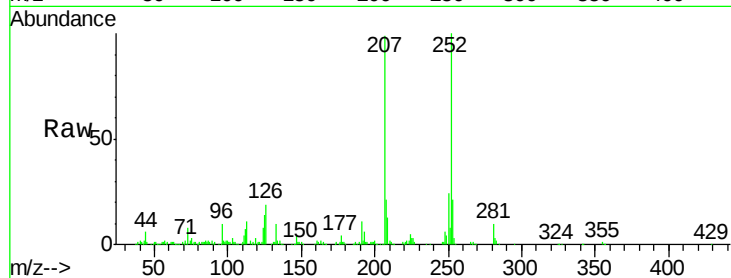
#89
Benzo(a)pyrene
Concen: 2.506 ng
RT: 24.32 min Scan# 3626
Delta R.T. -0.04 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.3	27.5
125	14.4	7.3	10.9#

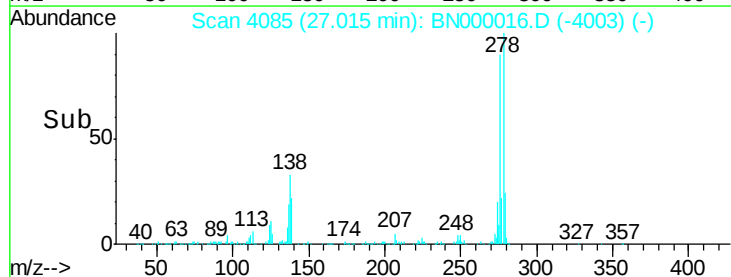
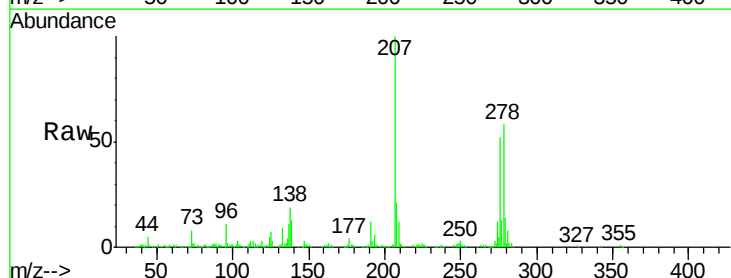
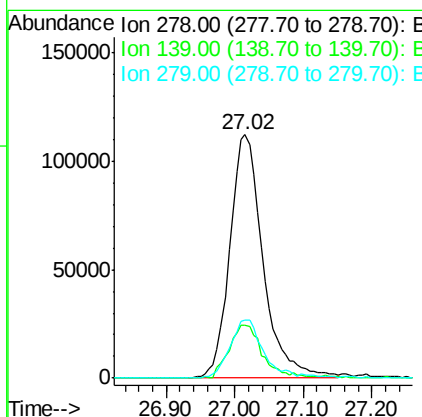
Manual Integrations
APPROVED

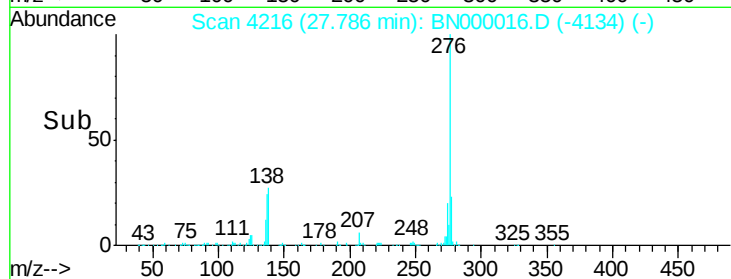
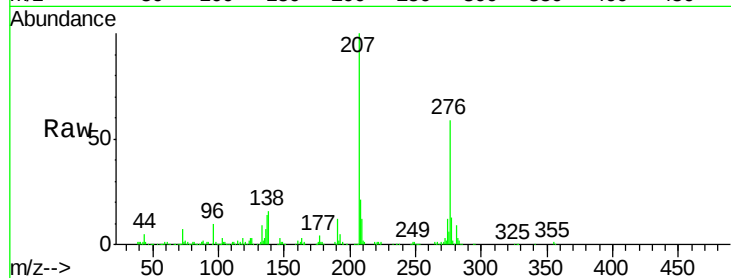
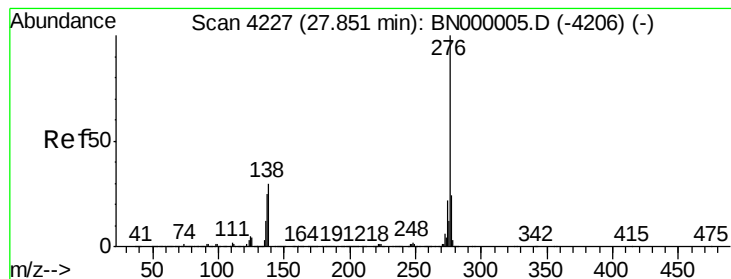
Sohil
2/6/2018 5:15:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.596 ng
RT: 27.02 min Scan# 4085
Delta R.T. -0.05 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

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





#91

Benzo(a,h,i)perylene

Concen: 2.599 ng

RT: 27.79 min Scan# 4216

Delta R.T. -0.05 min

Lab File: BN000016.D

Acq: 05 Feb 2018 13:33

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tot Ion:	276	Resp:	384904
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.3	27.5
138	26.6	13.9	20.9

Manual Integrations
APPROVED

Sohil
2/6/2018 5:15:25 PM

