

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000019.D
 Acq On : 30 Aug 2019 23:38
 Operator : HP/JU
 Sample : MDL-S-02
 Misc : 4PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-02

Quant Time: Aug 31 01:27:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 01:09:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	573117	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	2211807	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1187610	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	2017226	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1522288	20.00	ng	0.00
87) Perylene-d12	15.63	264	1585200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	3505645	97.54	ng	0.00
7) Phenol-d6	6.52	99	4274519	94.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	2447015	67.89	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1042959	104.19	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4632890	65.15	ng	0.00
79) Terphenyl-d14	13.04	244	4776980	68.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	60446	3.656	ng	99
3) Pyridine	3.50	79	129596	2.910	ng	98
4) n-Nitrosodimethylamine	3.40	42	44026	3.061	ng	# 93
6) Aniline	6.55	93	227260	3.461	ng	98
8) 2-Chlorophenol	6.68	128	139239	3.747	ng	97
9) Benzaldehyde	6.44	77	128342	4.587	ng	96
10) Phenol	6.52	94	173563	3.443	ng	# 73
11) bis(2-Chloroethyl)ether	6.62	93	139874	3.513	ng	96
12) 1,3-Dichlorobenzene	6.84	146	157665	3.637	ng	97
13) 1,4-Dichlorobenzene	6.91	146	160451	3.717	ng	98
14) 1,2-Dichlorobenzene	7.07	146	150799	3.802	ng	94
15) Benzyl Alcohol	7.02	79	108444	3.260	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	149136	3.483	ng	99
17) 2-Methylphenol	7.13	107	113331	3.551	ng	97
18) Hexachloroethane	7.41	117	54952	3.433	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	93486	3.620	ng	94
20) 3+4-Methylphenols	7.28	107	147169	3.697	ng	98
22) Acetophenone	7.29	105	219970	4.152	ng	99
24) Nitrobenzene	7.46	77	147819	3.785	ng	97
25) Isophorone	7.70	82	263140	3.455	ng	99
26) 2-Nitrophenol	7.79	139	38831	2.553	ng	97
27) 2,4-Dimethylphenol	7.82	122	121594	3.962	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	176119	3.556	ng	99
29) 2,4-Dichlorophenol	8.02	162	107571	3.409	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	131549	3.657	ng	99
31) Naphthalene	8.20	128	423079	4.169	ng	98
32) Benzoic acid	7.85	122	28319	1.503	ng	95
33) 4-Chloroaniline	8.24	127	172603	3.606	ng	95
34) Hexachlorobutadiene	8.32	225	72329	3.568	ng	99
35) Caprolactam	8.55	113	30509	2.719	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	115375	3.351	ng	95
37) 2-Methylnaphthalene	8.89	142	284529	4.012	ng	98
38) 1-Methylnaphthalene	8.99	142	262510	3.929	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	136599	4.064	ng	99

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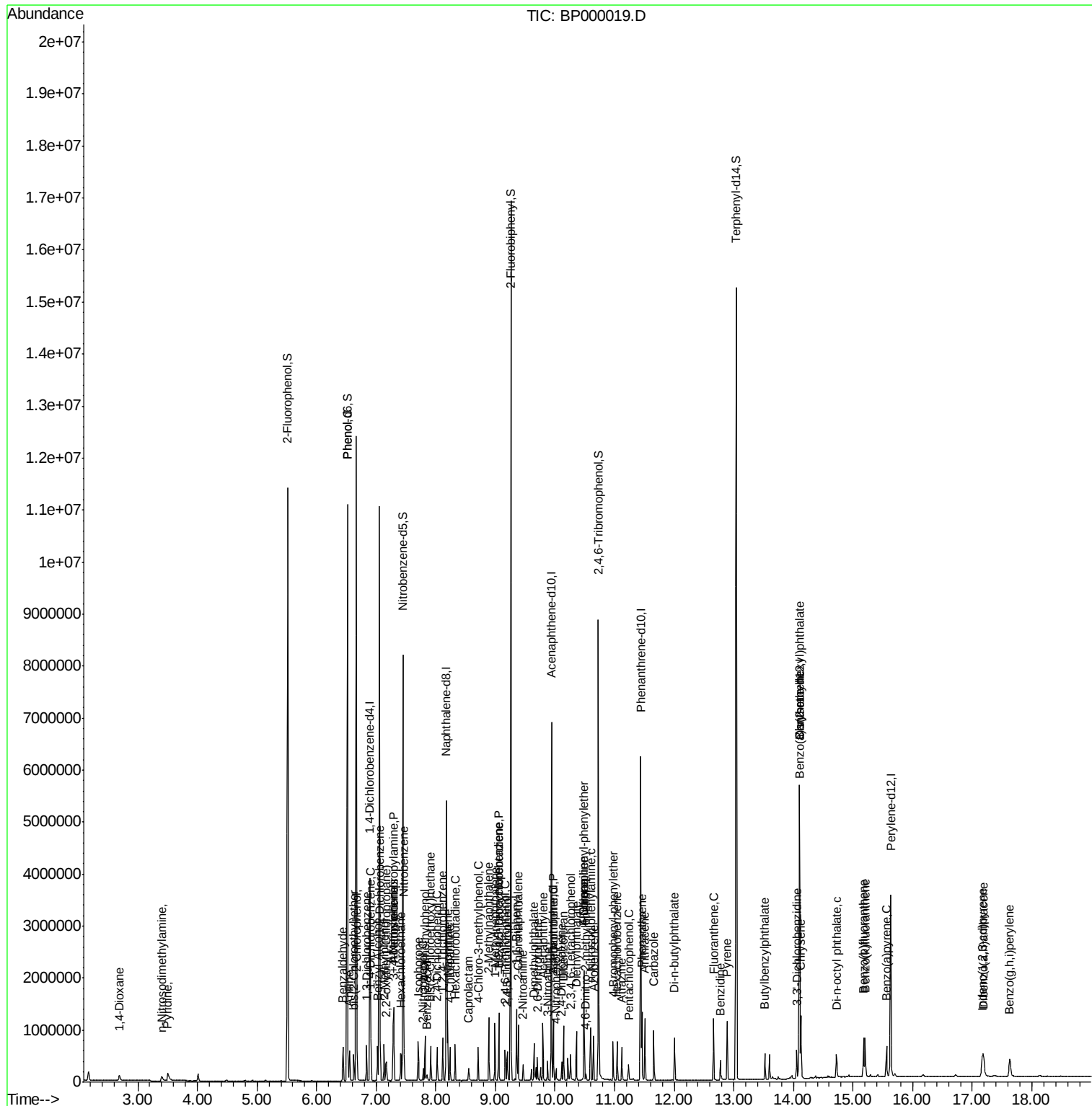
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	60692	3.279	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	69366	2.992	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	76392	3.150	ng	96
46) 1,1'-Biphenyl	9.36	154	361551	4.312	ng	97
47) 2-Chloronaphthalene	9.38	162	259374	3.727	ng	99
48) 2-Nitroaniline	9.46	65	39013	2.075	ng	96
49) Acenaphthylene	9.80	152	405152	3.923	ng	97
50) Dimethylphthalate	9.65	163	286851	3.544	ng	99
51) 2,6-Dinitrotoluene	9.70	165	45834	2.668	ng #	78
52) Acenaphthene	9.97	154	249198	3.846	ng	97
53) 3-Nitroaniline	9.87	138	49642	2.419	ng #	93
54) 2,4-Dinitrophenol	9.97	184	9201	1.696	ng #	1
55) Dibenzofuran	10.15	168	376469	4.091	ng	98
56) 4-Nitrophenol	10.02	139	30932	2.109	ng	88
57) 2,4-Dinitrotoluene	10.11	165	47916	2.185	ng	97
58) Fluorene	10.49	166	293145	4.233	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	55264	3.009	ng	96
60) Diethylphthalate	10.36	149	279869	3.455	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	142324	3.954	ng	95
62) 4-Nitroaniline	10.48	138	50922	2.602	ng	89
63) Azobenzene	10.65	77	282822	3.646	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	14286	1.995	ng	88
66) n-Nitrosodiphenylamine	10.60	169	246402	4.111	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	72984	3.560	ng #	90
68) Hexachlorobenzene	11.05	284	80252	3.593	ng	95
69) Atrazine	11.12	200	60923	3.494	ng	98
70) Pentachlorophenol	11.23	266	32114	2.653	ng	96
71) Phenanthrene	11.46	178	416464	4.142	ng	97
72) Anthracene	11.51	178	403150	4.059	ng	97
73) Carbazole	11.66	167	370554	3.953	ng	97
74) Di-n-butylphthalate	12.00	149	360218	3.169	ng	99
75) Fluoranthene	12.66	202	400647	3.667	ng	96
77) Benzidine	12.77	184	153832	2.929	ng	97
78) Pyrene	12.89	202	424039	3.786	ng	96
80) Butylbenzylphthalate	13.52	149	89189	1.787	ng	96
81) Benzo(a)anthracene	14.09	228	348018	3.528	ng	98
82) 3,3'-Dichlorobenzidine	14.05	252	104152	2.862	ng	99
83) Chrysene	14.13	228	348157	3.731	ng	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	164200	2.529	ng	99
85) Di-n-octyl phthalate	14.72	149	218703	1.911	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	310139	2.653	ng	98
88) Benzo(b)fluoranthene	15.17	252	317795	3.282	ng	99
89) Benzo(k)fluoranthene	15.20	252	302827	3.418	ng	98
90) Benzo(a)pyrene	15.56	252	283977	3.249	ng	97
91) Dibenzo(a,h)anthracene	17.19	278	266358	3.047	ng	98
92) Benzo(g,h,i)perylene	17.63	276	261304	3.020	ng	98

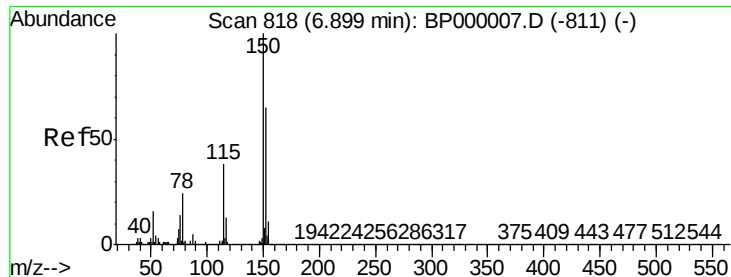
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

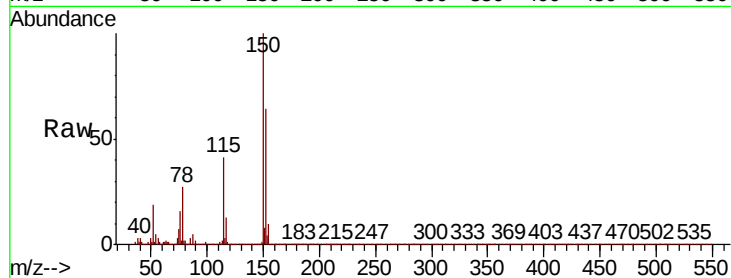
Tot Ion:152 Resp: 573117

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.6

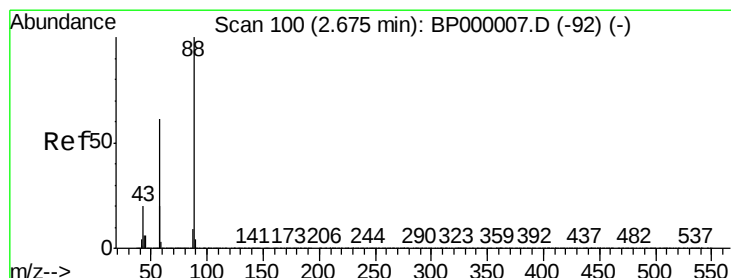
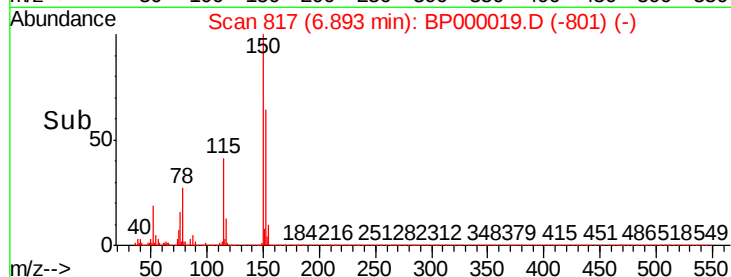
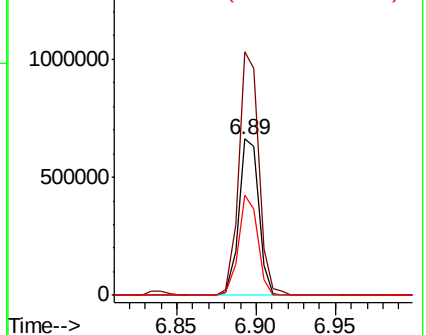
115 63.7 46.7 70.1



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: 3.656 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

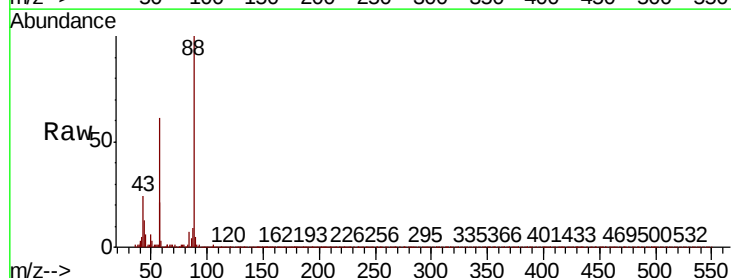
Tgt Ion: 88 Resp: 60446

Ion Ratio Lower Upper

88 100

58 61.4 49.8 74.8

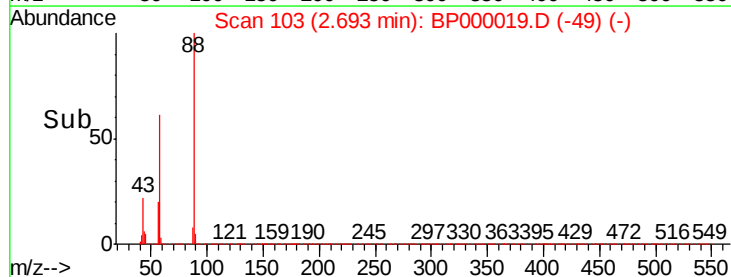
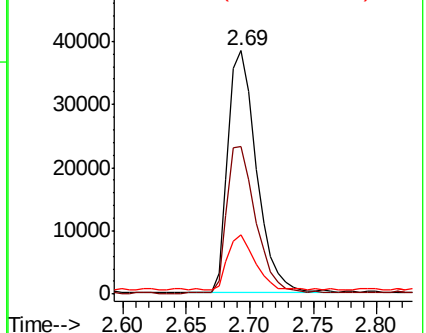
43 21.3 16.9 25.3

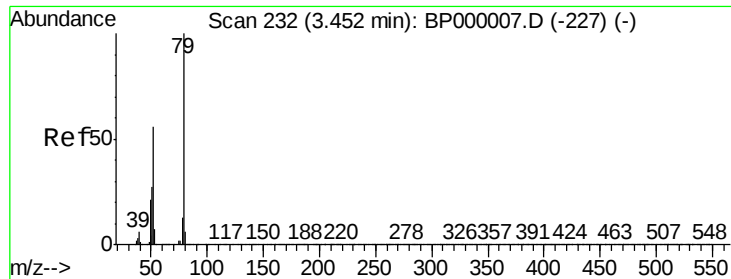


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

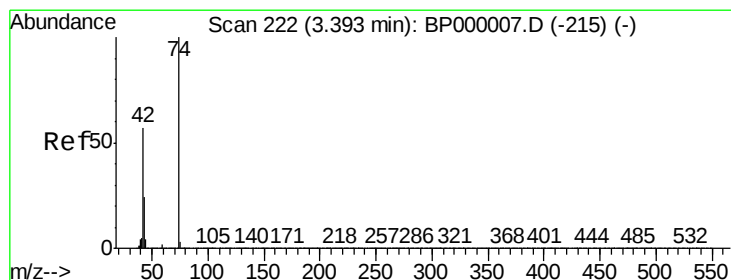
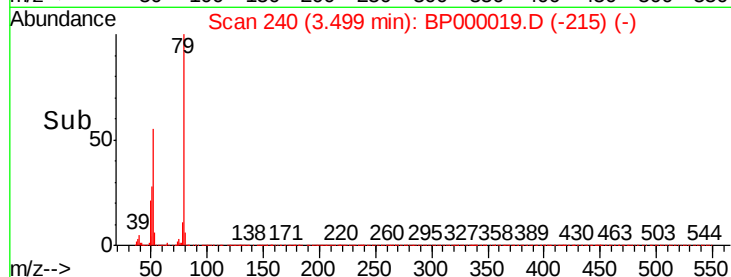
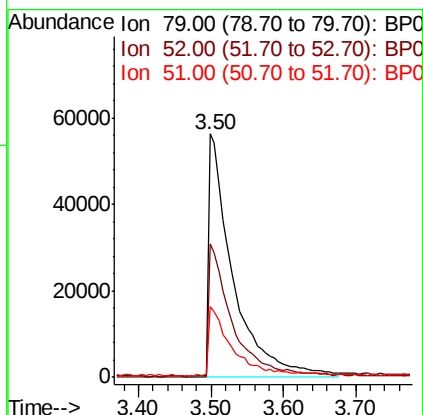
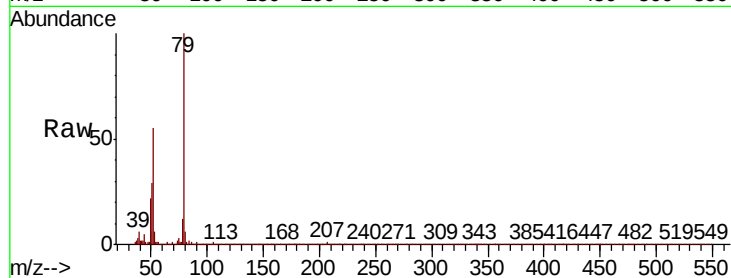




#3
 Pvridine
 Concen: 2.910 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.05 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

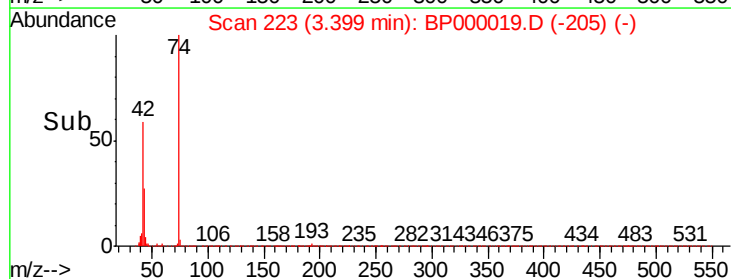
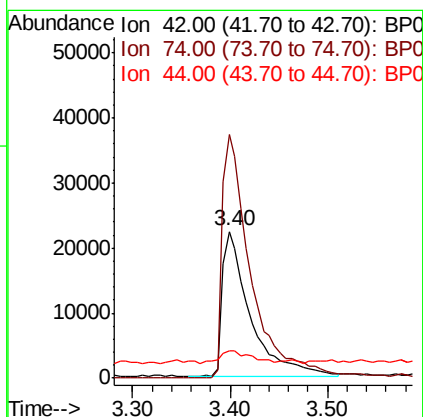
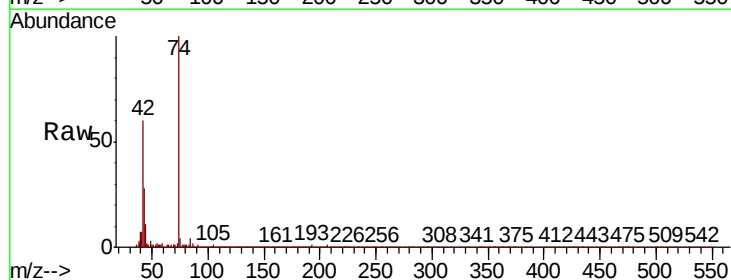
Instrument :
 BNA_P
 ClientSampled :
 MDL-S-02

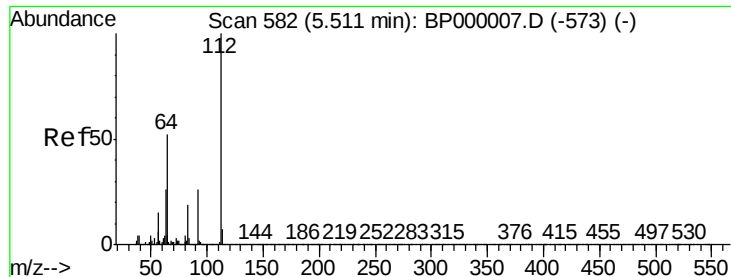
Tot Ion: 79 Resp: 129596
 Ion Ratio Lower Upper
 79 100
 52 55.0 44.5 66.7
 51 29.3 21.8 32.6



#4
 n-Nitrosodimethylamine
 Concen: 3.061 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

Tgt Ion: 42 Resp: 44026
 Ion Ratio Lower Upper
 42 100
 74 166.4 139.9 209.9
 44 19.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 97.540 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

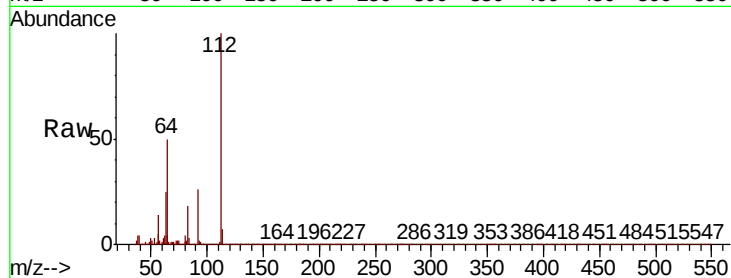
Tot Ion: 112 Resp: 3505645

Ion Ratio Lower Upper

112 100

64 49.6 41.8 62.8

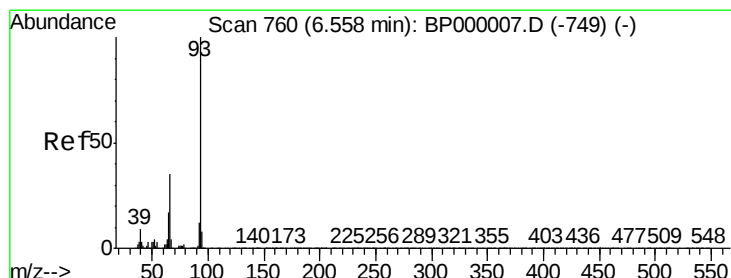
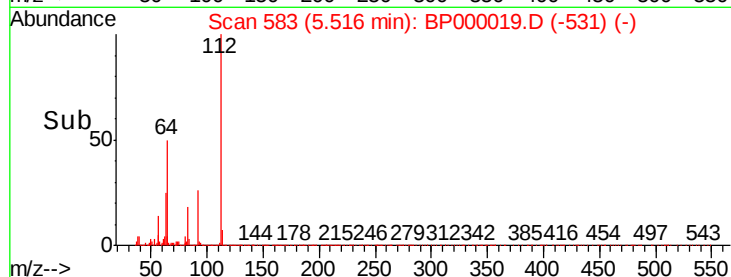
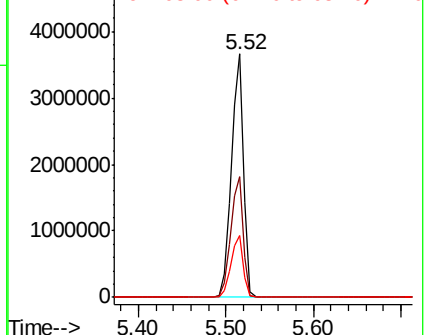
63 25.1 21.0 31.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 3.461 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

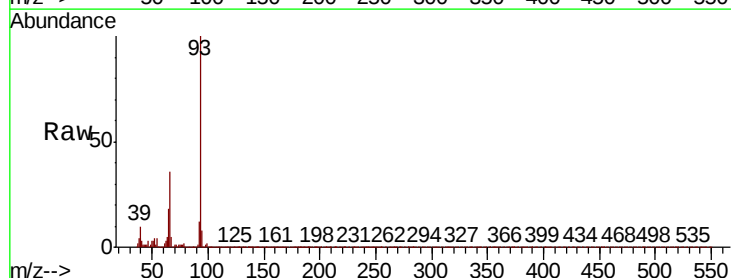
Tgt Ion: 93 Resp: 227260

Ion Ratio Lower Upper

93 100

66 35.9 27.8 41.8

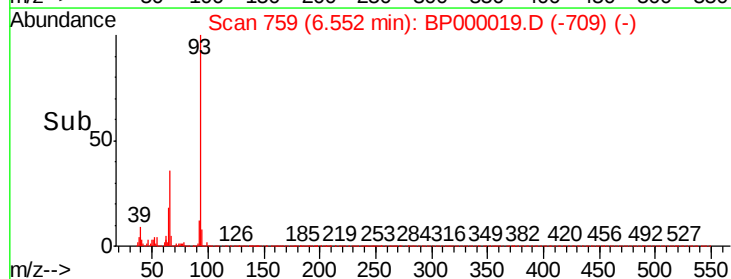
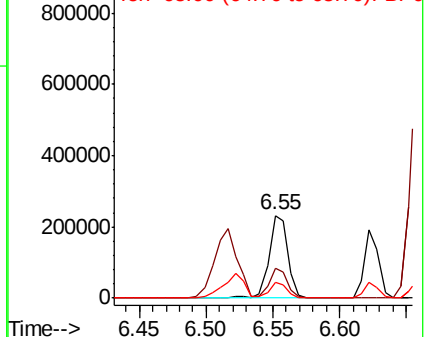
65 18.4 13.9 20.9

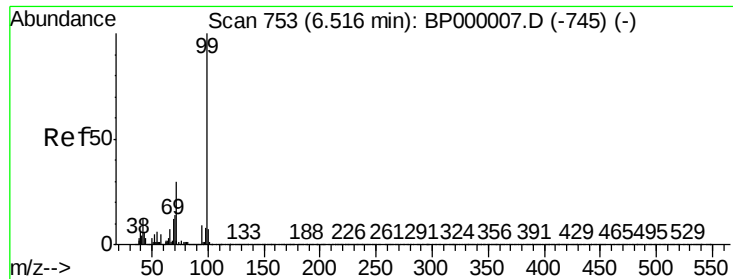


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.211 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

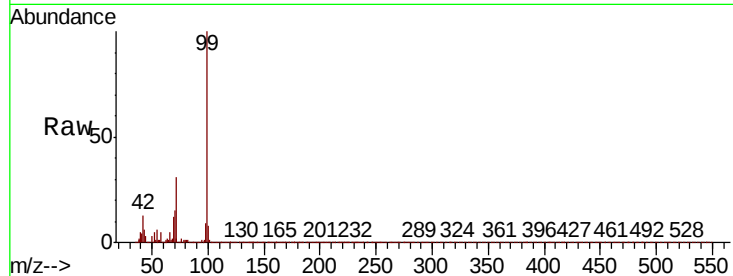
BNA_P

ClientSampleId :

MDL-S-02

Tot Ion: 99 Resp: 4274519

Ion	Ratio	Lower	Upper
99	100		
42	12.6	9.8	14.8
71	31.5	23.8	35.8

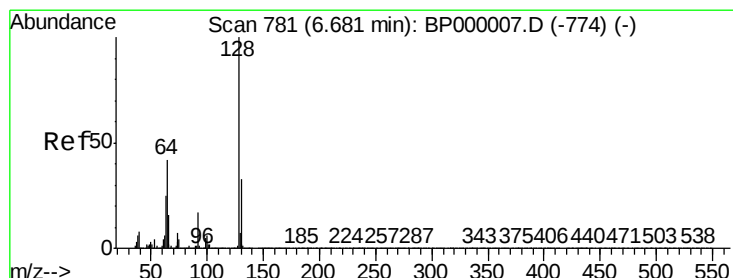
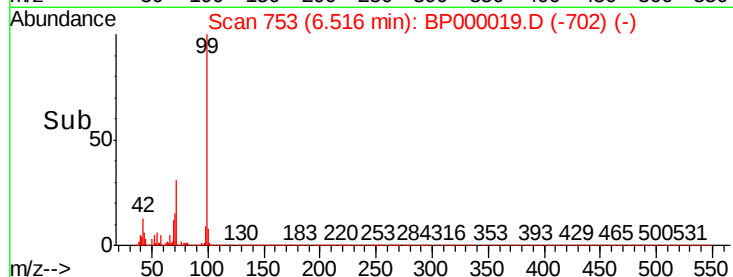
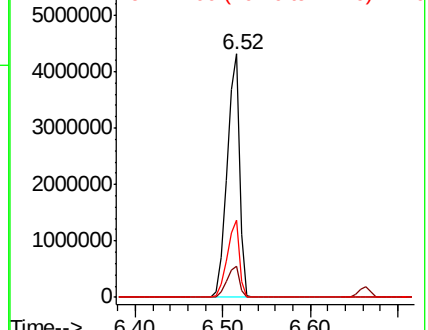


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 3.747 ng

RT: 6.68 min Scan# 781

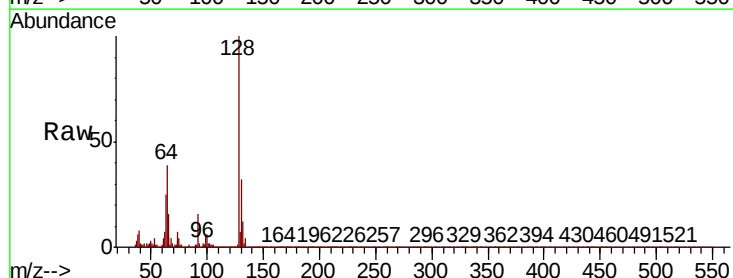
Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Tgt Ion: 128 Resp: 139239

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	39.5	22.0	62.0

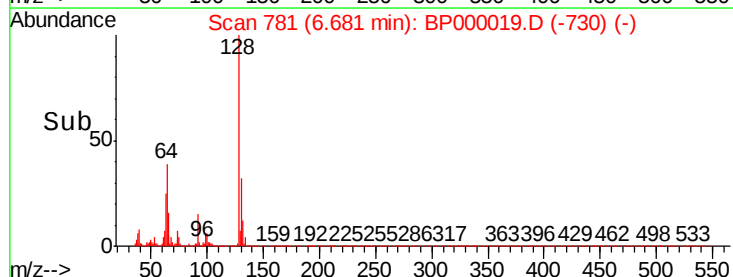
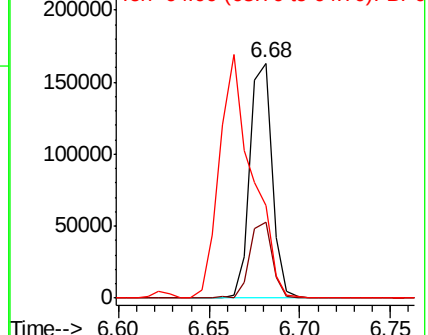


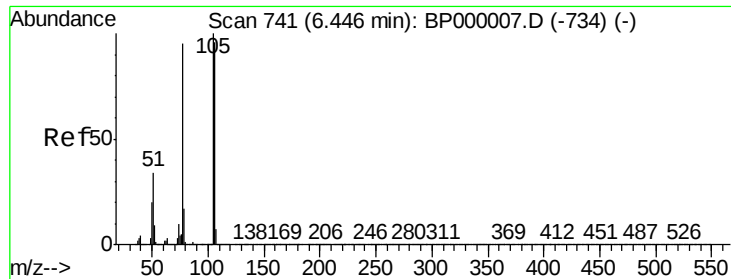
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 4.587 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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MDL-S-02

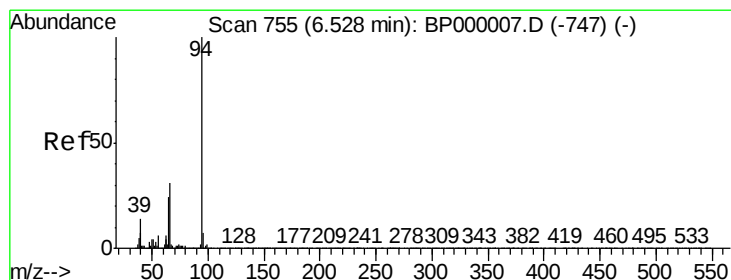
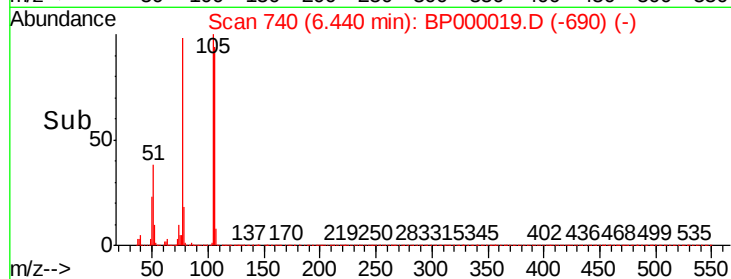
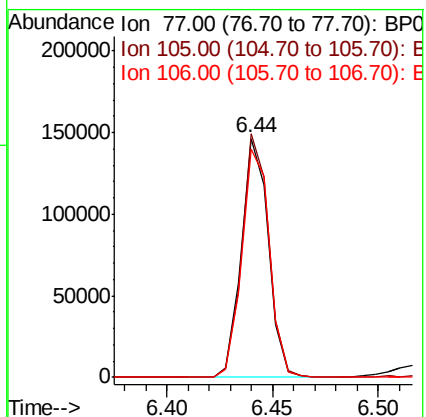
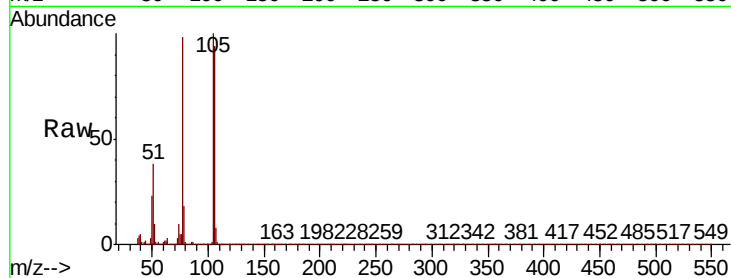
Tot Ion: 77 Resp: 128342

Ion Ratio Lower Upper

77 100

105 102.0 85.1 125.1

106 95.5 80.8 120.8



#10

Phenol

Concen: 3.443 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

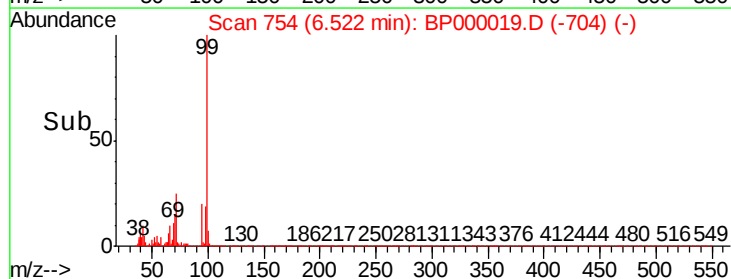
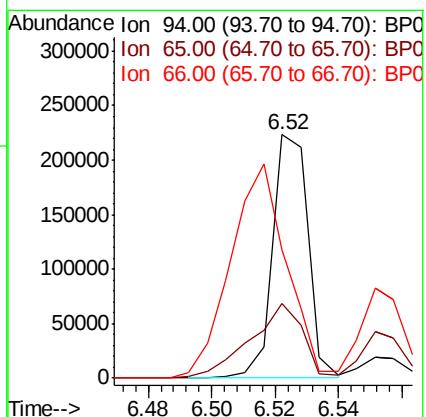
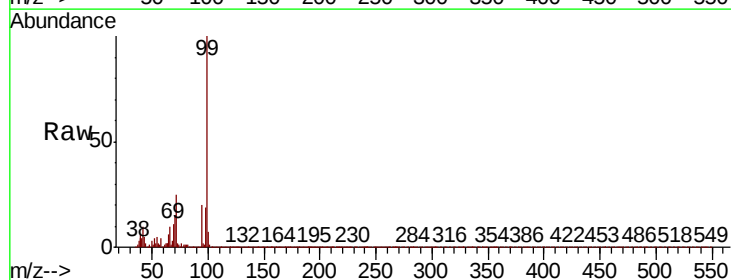
Tgt Ion: 94 Resp: 173563

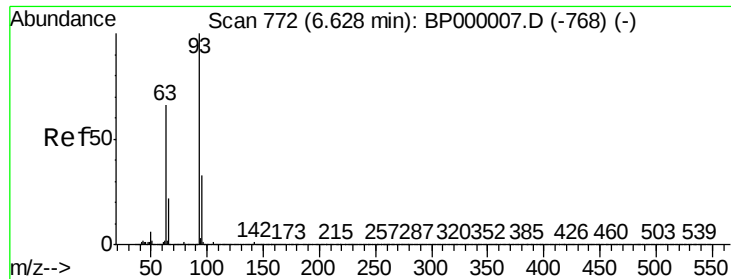
Ion Ratio Lower Upper

94 100

65 30.4 4.1 44.1

66 52.6 11.4 51.4#

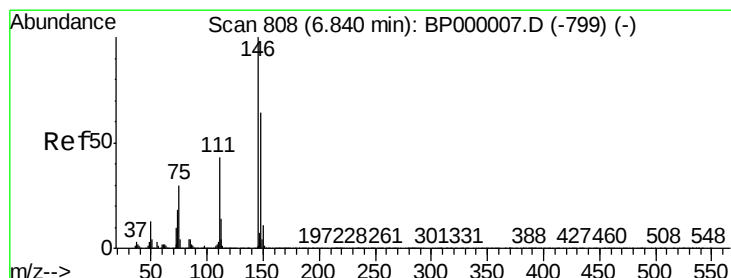
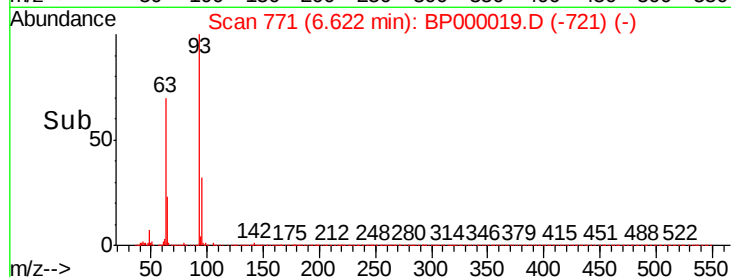
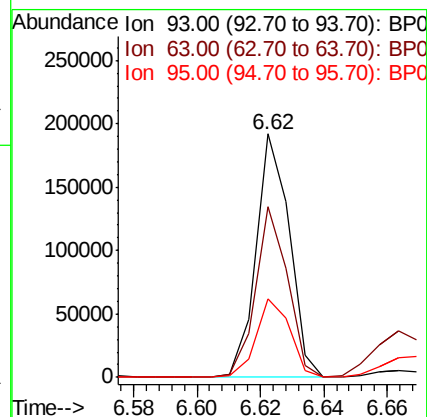
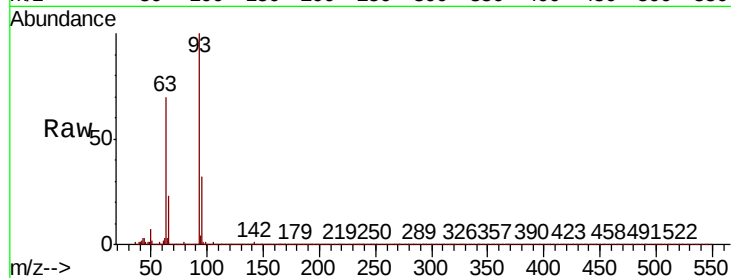




#11
bis(2-Chloroethyl)ether
Concen: 3.513 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

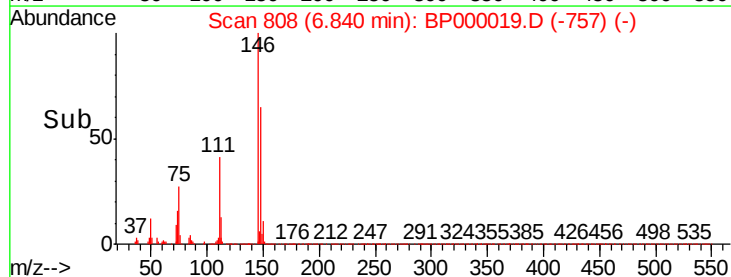
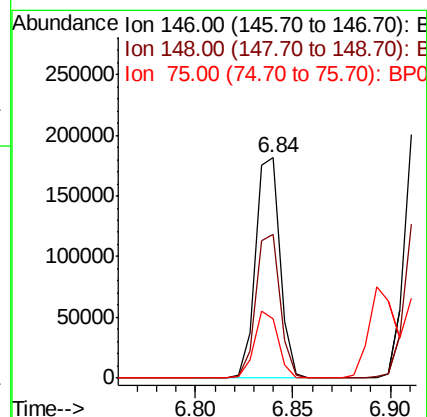
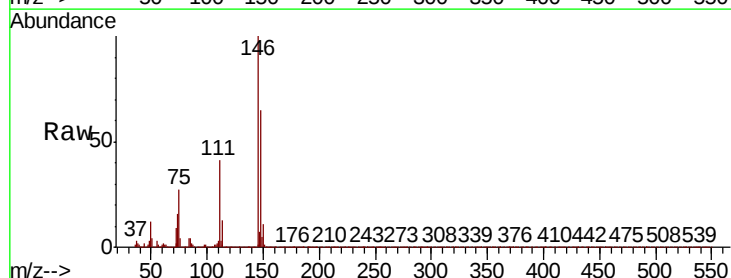
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

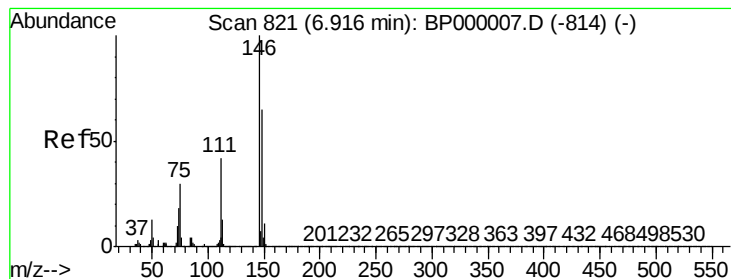
Tot Ion	93	Resp	139874
Ion Ratio	Lower	Upper	
93	100		
63	70.2	46.0	86.0
95	32.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 3.637 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	146	Resp	157665
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
75	27.1	24.0	36.0





#13

1,4-Dichlorobenzene

Concen: 3.717 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

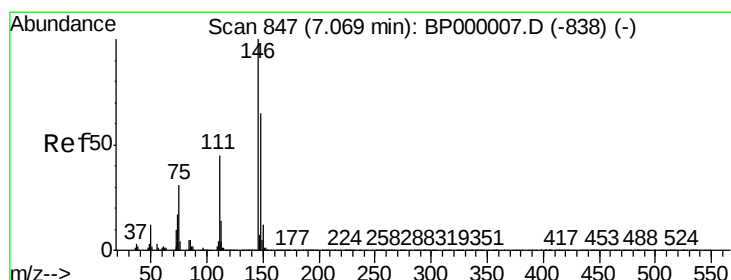
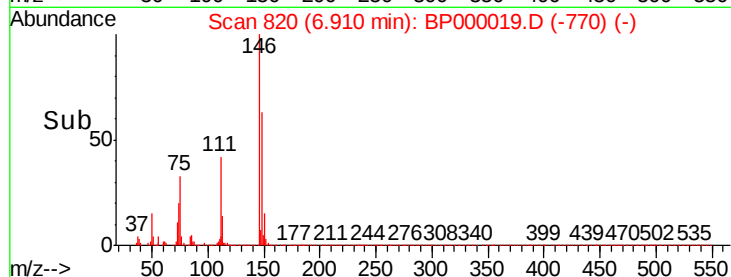
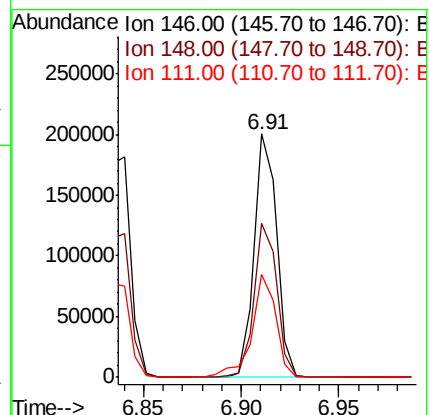
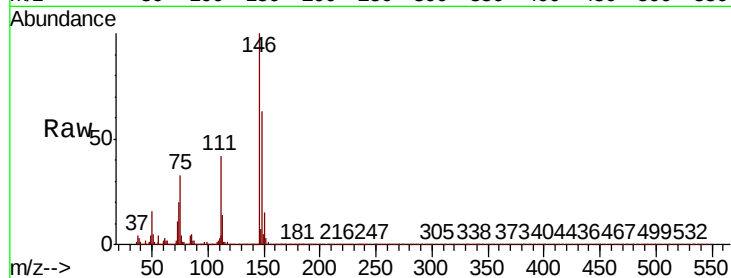
Tot Ion:146 Resp: 160451

Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 3.802 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

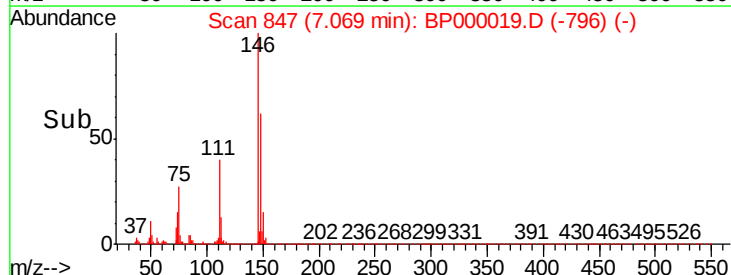
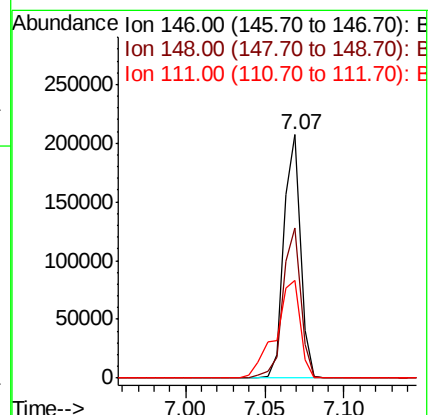
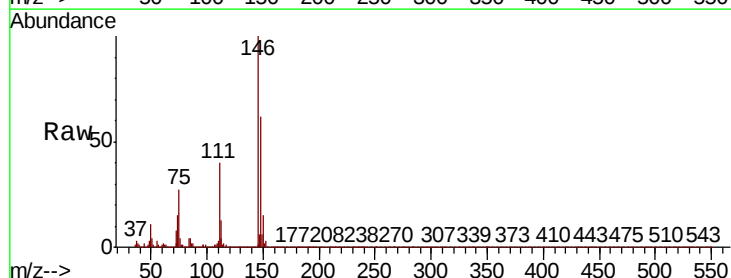
Tgt Ion:146 Resp: 150799

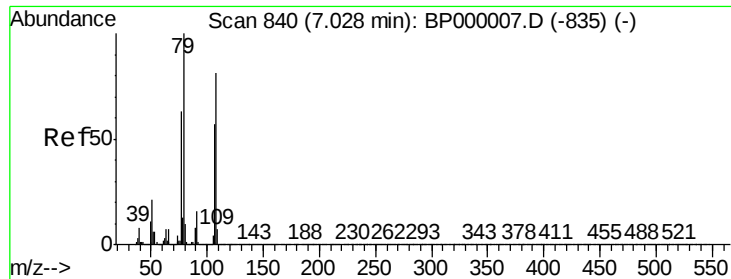
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

111 40.0 36.4 54.6

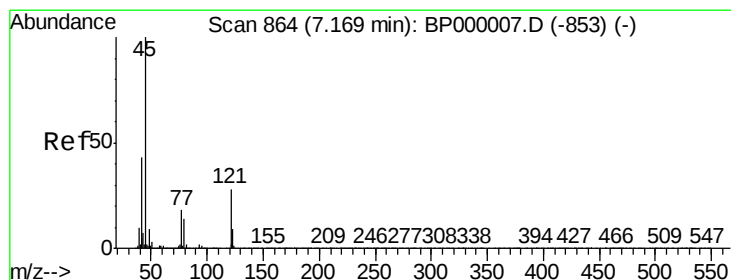
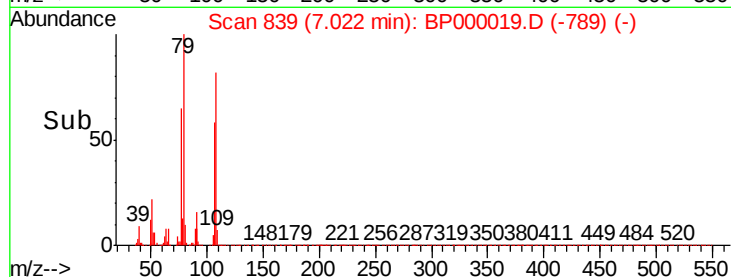
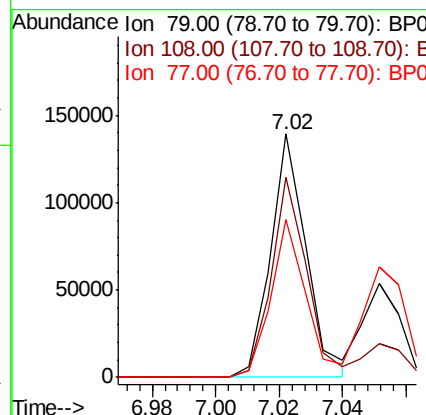
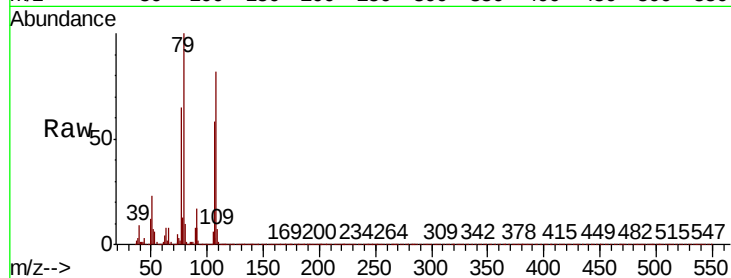




#15
Benzyl Alcohol
Concen: 3.260 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

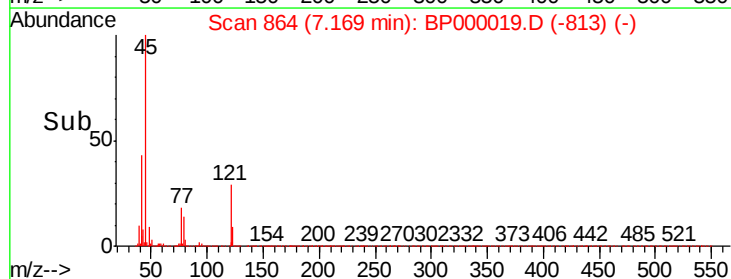
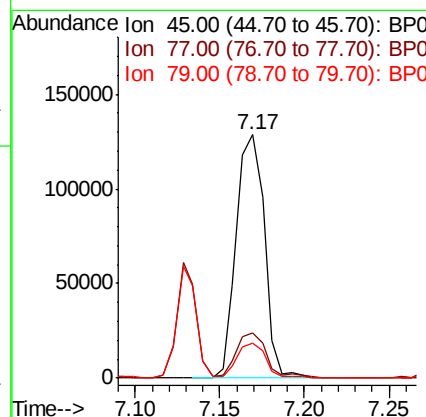
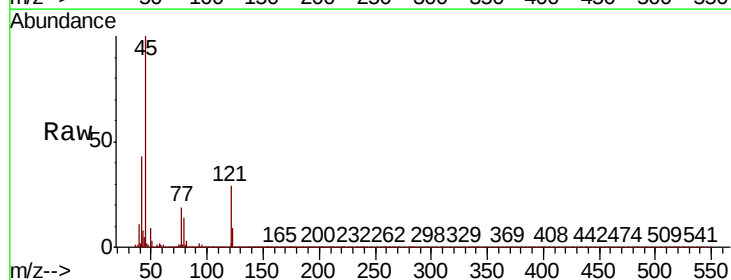
Instrument :
BNA_P
ClientSampleID :
MDL-S-02

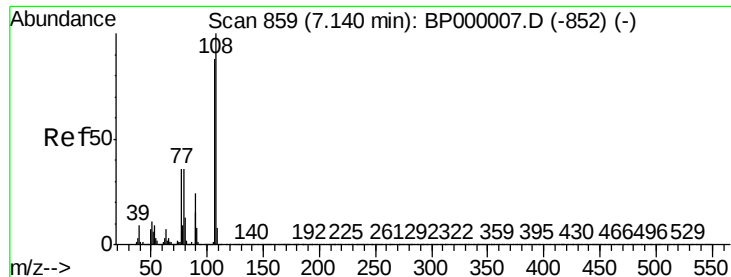
Tot Ion: 79 Resp: 108444
Ion Ratio Lower Upper
79 100
108 82.3 64.5 96.7
77 64.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.483 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion: 45 Resp: 149136
Ion Ratio Lower Upper
45 100
77 18.5 0.0 38.0
79 14.2 0.0 33.9





#17

2-Methylphenol

Concen: 3.551 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

Tot Ion:107 Resp: 113331

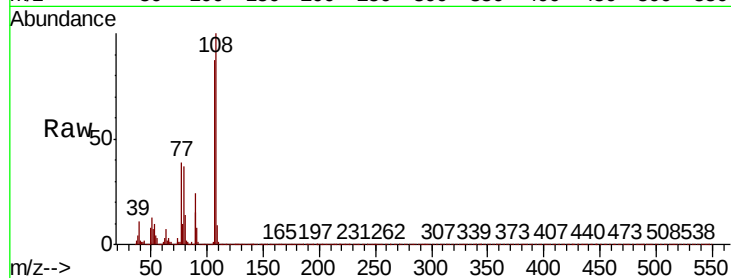
Ion Ratio Lower Upper

107 100

108 115.5 90.9 136.3

77 44.6 33.2 49.8

79 43.0 32.8 49.2

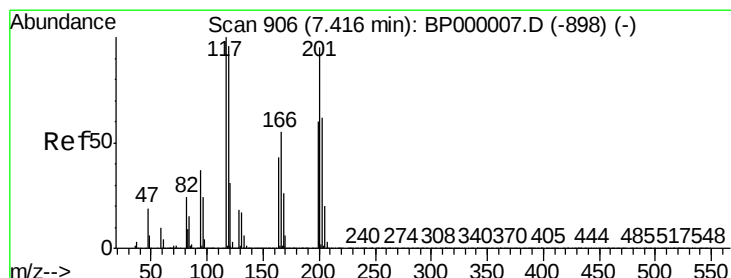
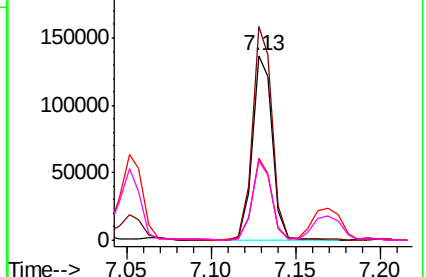
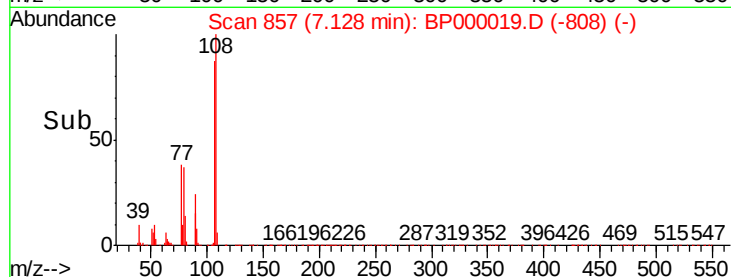


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 3.433 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

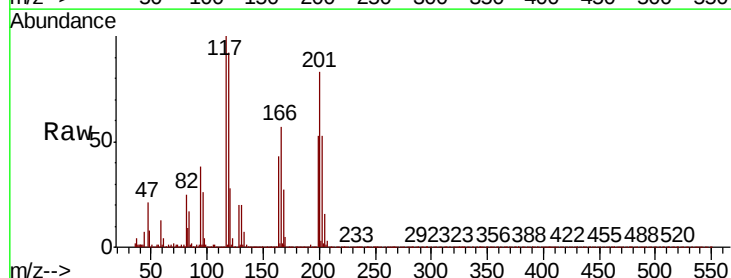
Tgt Ion:117 Resp: 54952

Ion Ratio Lower Upper

117 100

119 92.5 77.0 115.6

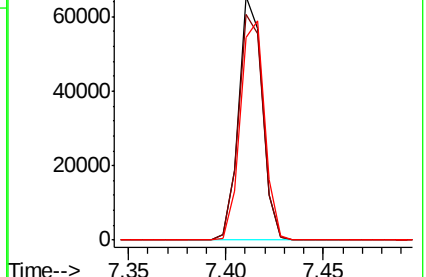
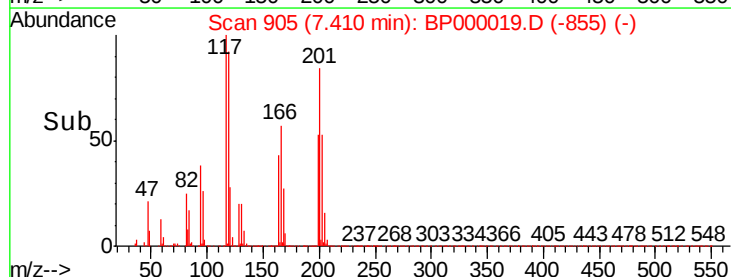
201 83.5 76.2 114.4

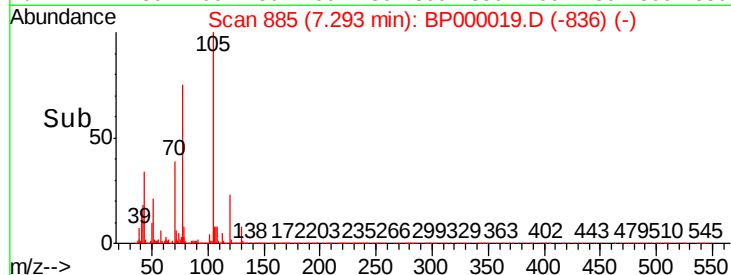
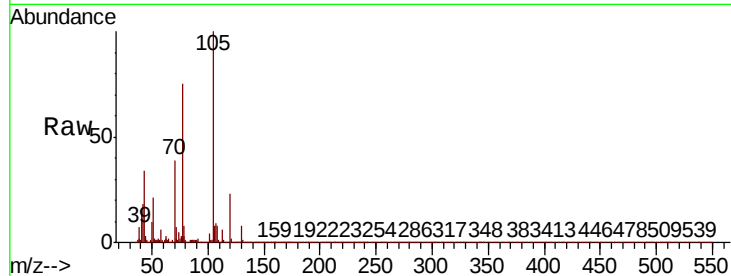
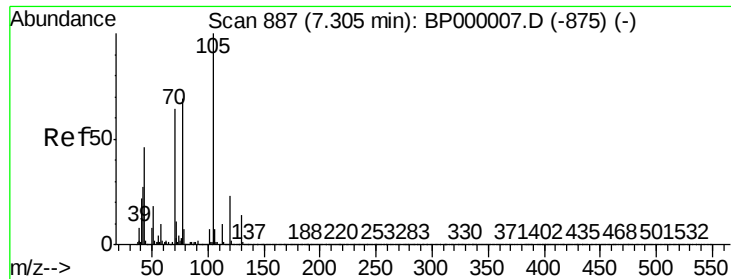


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

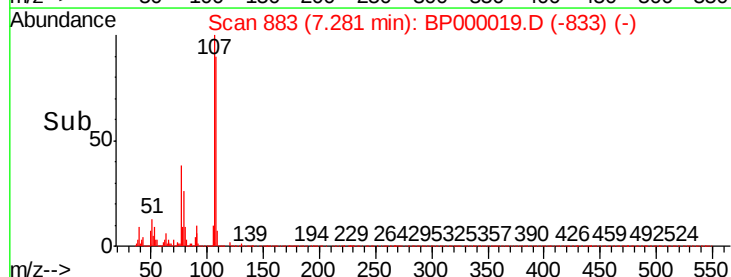
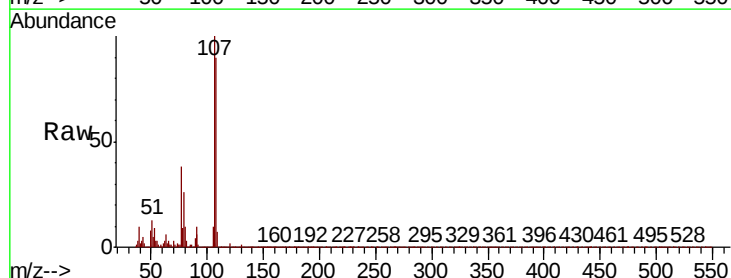
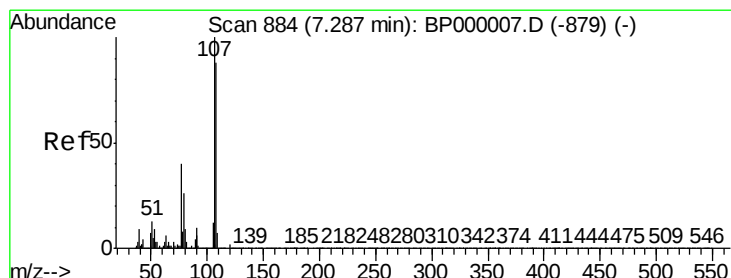
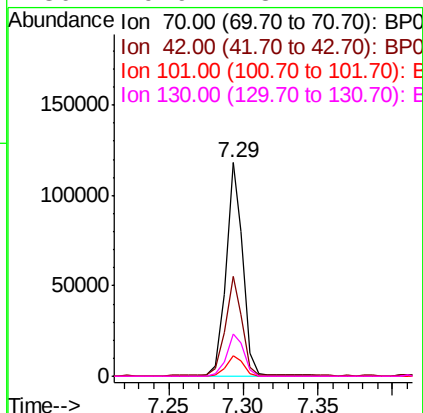




#19
n-Nitroso-di-n-propylamine
Concen: 3.620 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

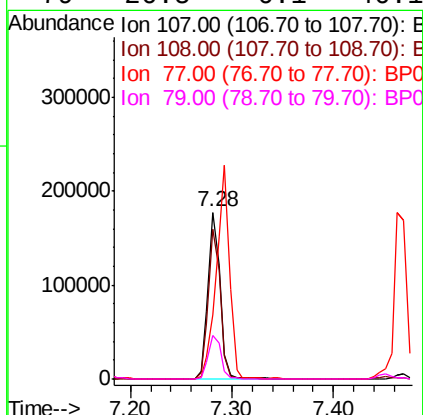
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

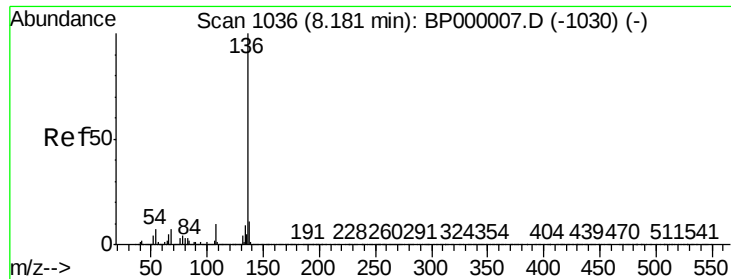
Tot Ion:	70	Resp:	93486
Ion	Ratio	Lower	Upper
70	100		
42	46.5	33.8	50.6
101	9.8	8.7	13.1
130	19.9	18.1	27.1



#20
3+4-Methylphenols
Concen: 3.697 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:	107	Resp:	147169
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.1	108.1
77	38.0	19.8	59.8
79	26.5	6.1	46.1

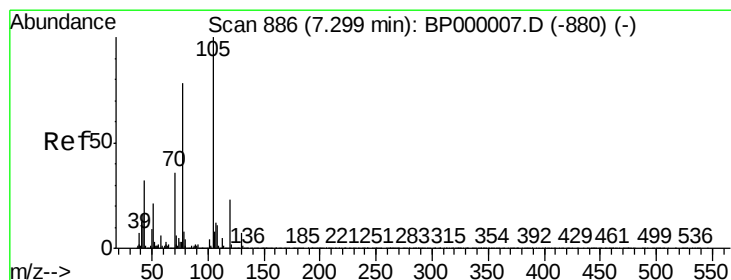
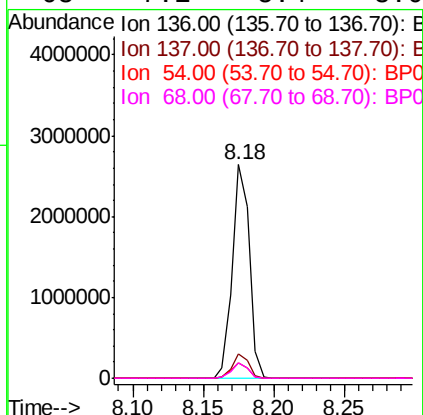
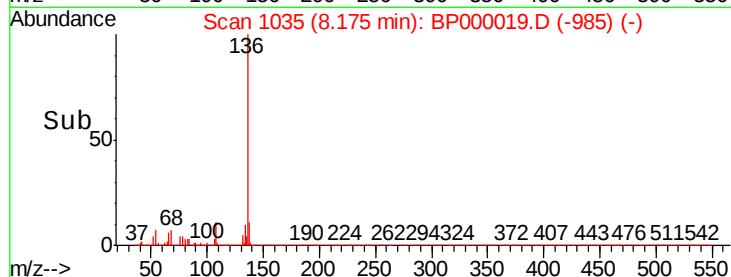
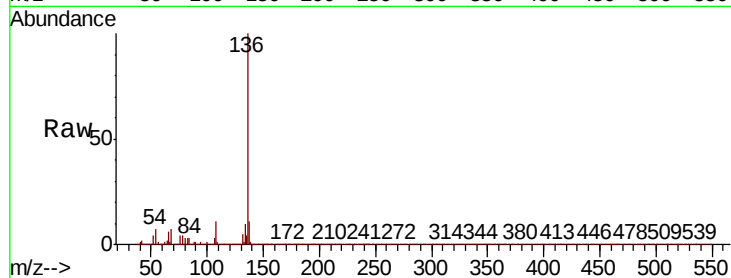




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

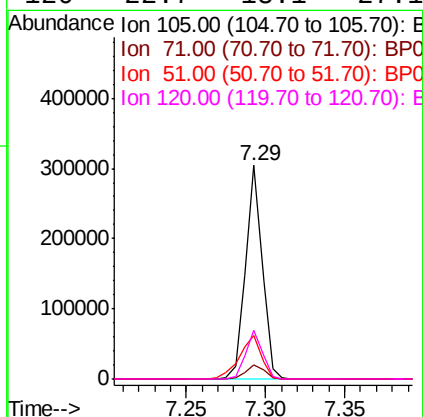
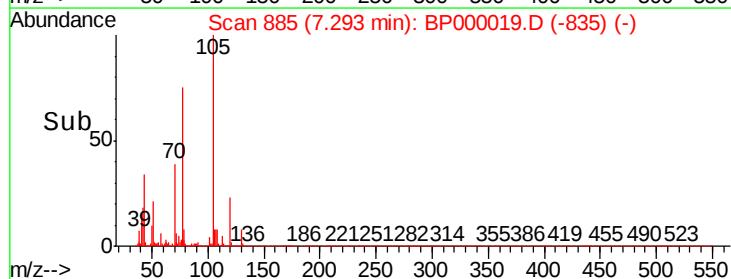
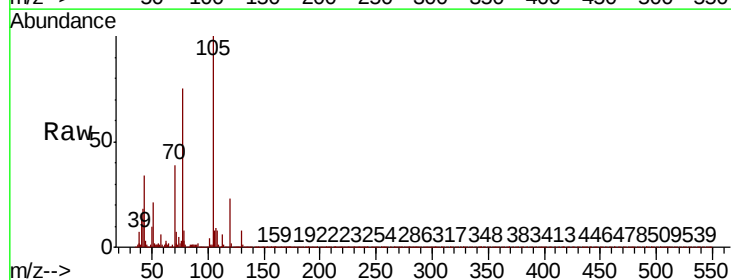
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

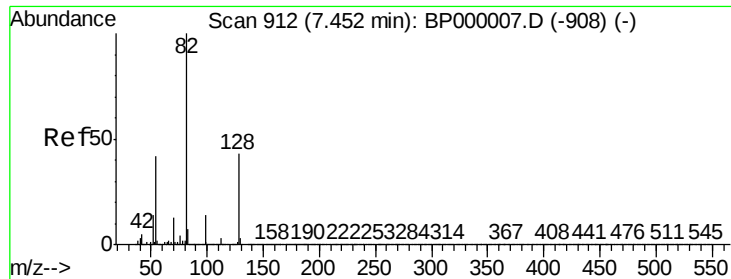
Tot Ion:136	Resp: 2211807
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 7.4	5.4 8.2
68 7.1	5.4 8.0



#22
Acetophenone
Concen: 4.152 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt	Ion:105	Resp:	219970
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.8	7.2
51	20.7	17.0	25.4
120	22.7	18.1	27.1

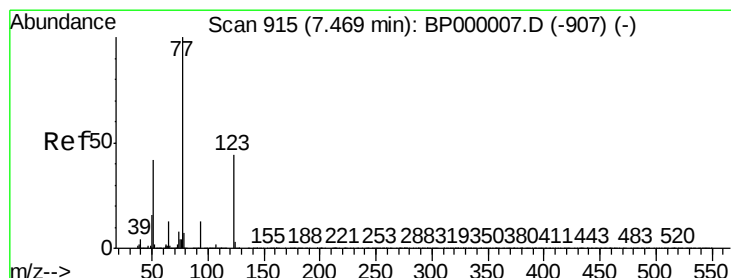
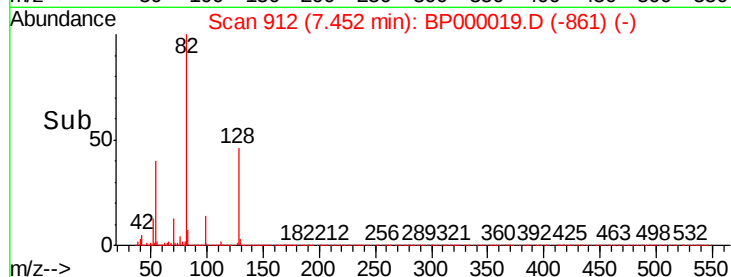
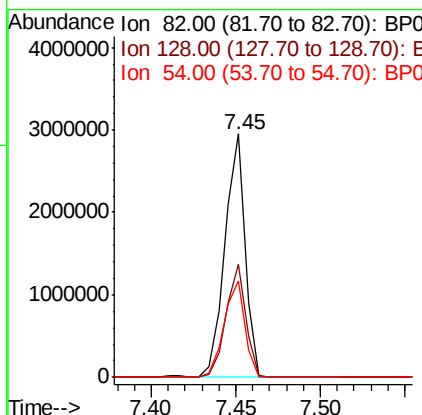
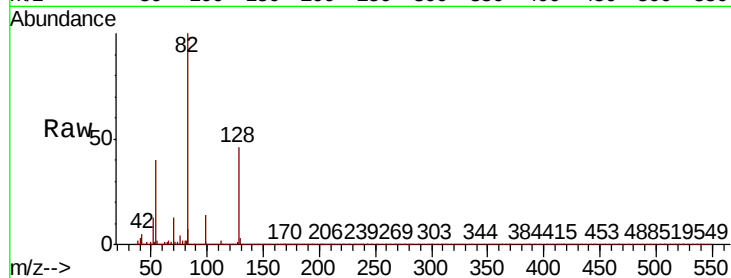




#23
Nitrobenzene-d5
Concen: 67.885 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

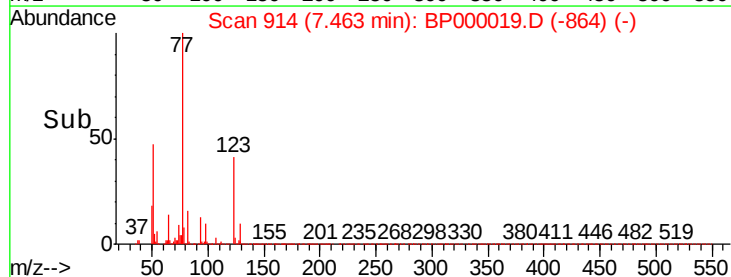
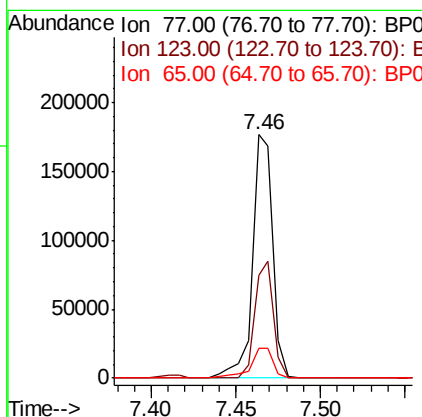
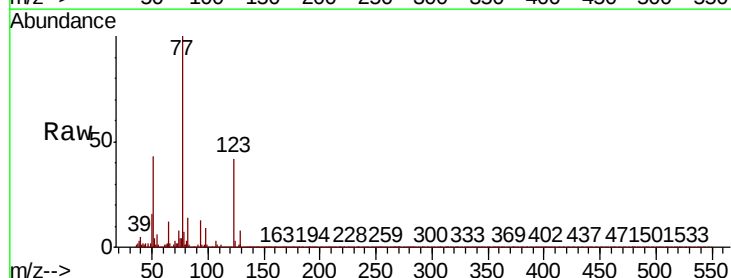
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

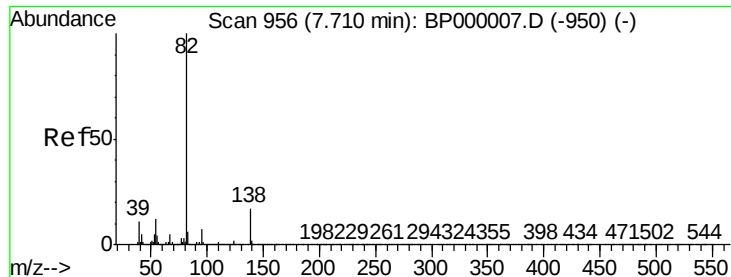
Tot Ion: 82 Resp: 2447015
Ion Ratio Lower Upper
82 100
128 46.4 34.5 51.7
54 39.7 33.2 49.8



#24
Nitrobenzene
Concen: 3.785 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion: 77 Resp: 147819
Ion Ratio Lower Upper
77 100
123 42.0 35.8 53.8
65 12.4 10.1 15.1





#25

Isophorone

Concen: 3.455 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

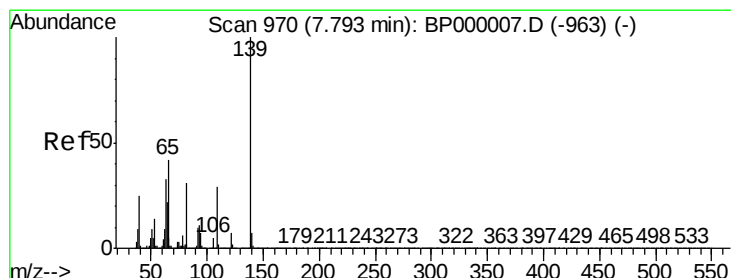
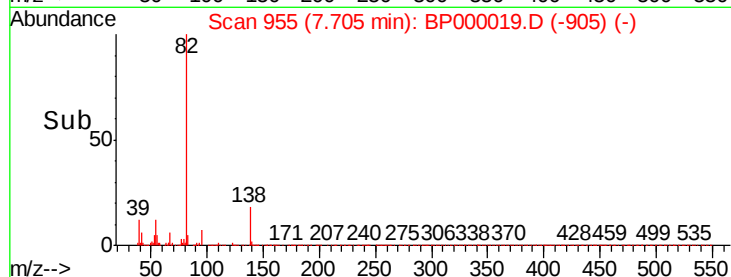
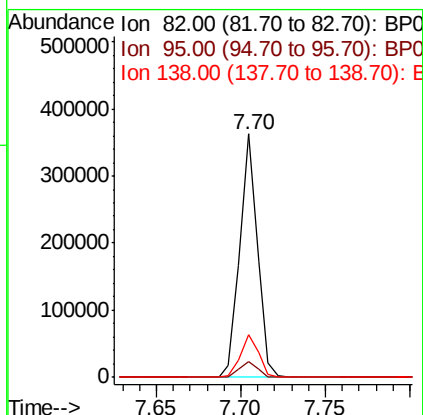
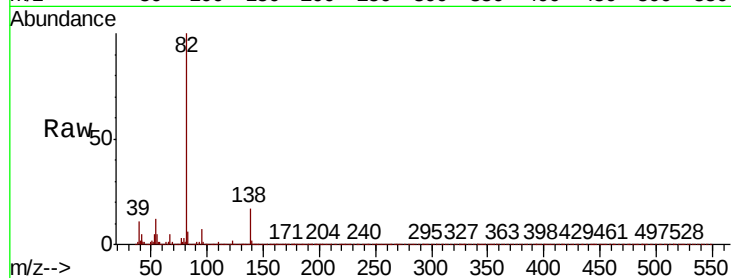
Tot Ion: 82 Resp: 263140

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.4 13.8 20.6



#26

2-Nitrophenol

Concen: 2.553 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

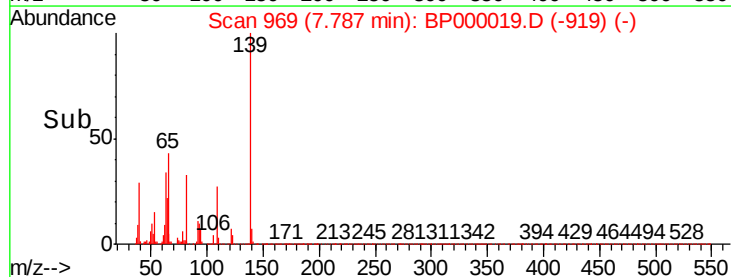
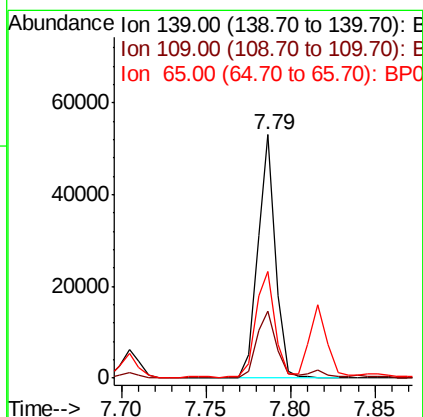
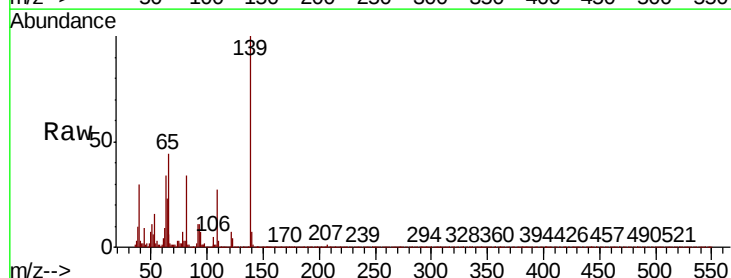
Tgt Ion: 139 Resp: 38831

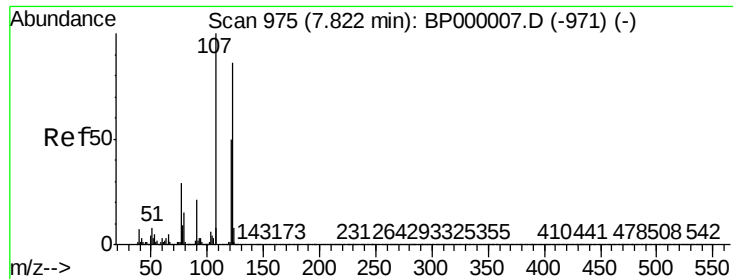
Ion Ratio Lower Upper

139 100

109 27.3 23.4 35.0

65 43.6 33.4 50.0





#27

2,4-Dimethylphenol

Concen: 3.962 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

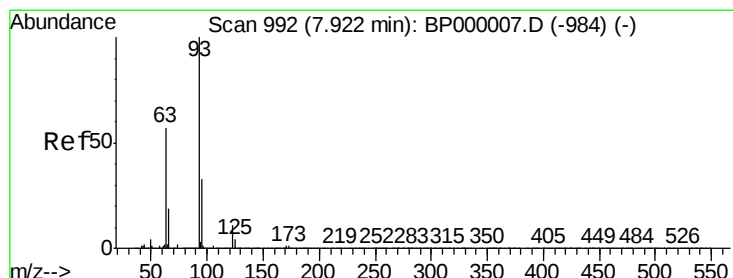
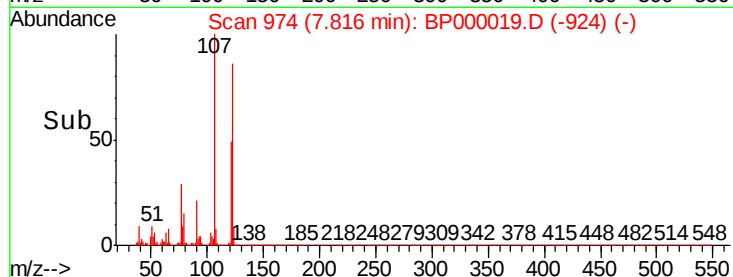
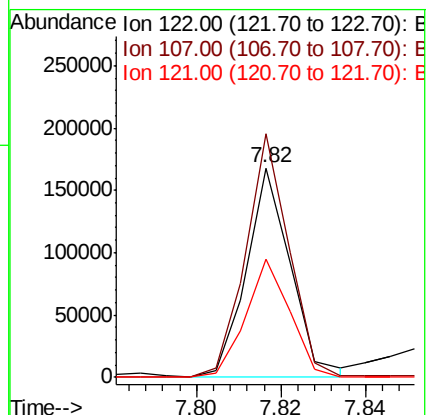
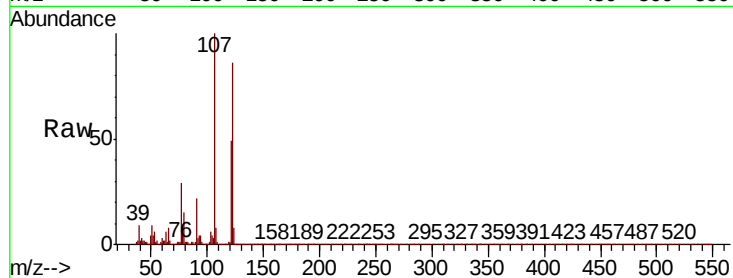
Tot Ion:122 Resp: 121594

Ion Ratio Lower Upper

122 100

107 116.3 92.9 139.3

121 56.7 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 3.556 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

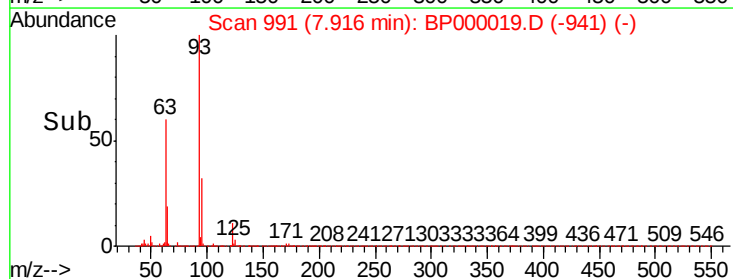
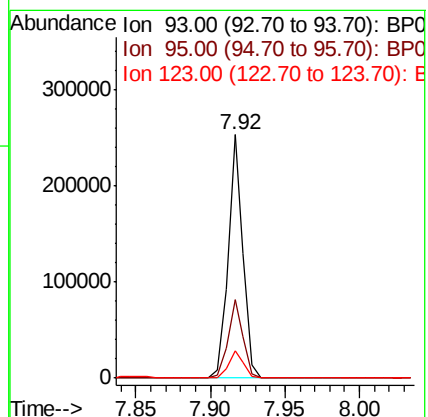
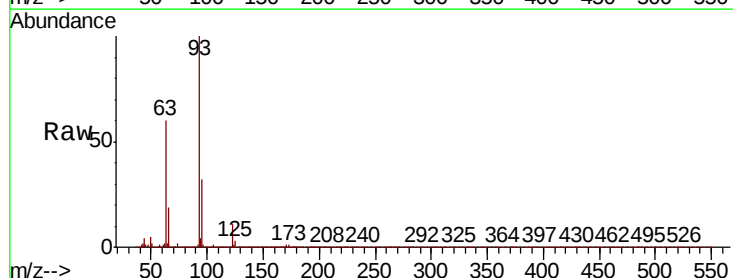
Tgt Ion: 93 Resp: 176119

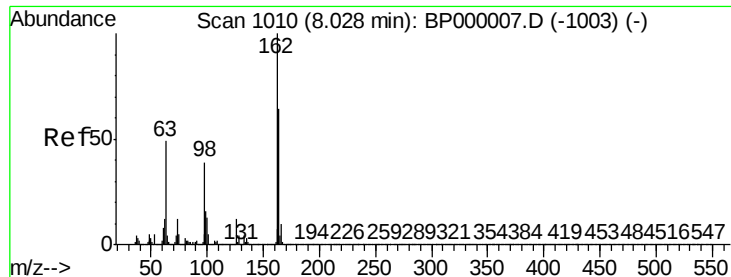
Ion Ratio Lower Upper

93 100

95 32.0 26.1 39.1

123 11.0 9.0 13.4

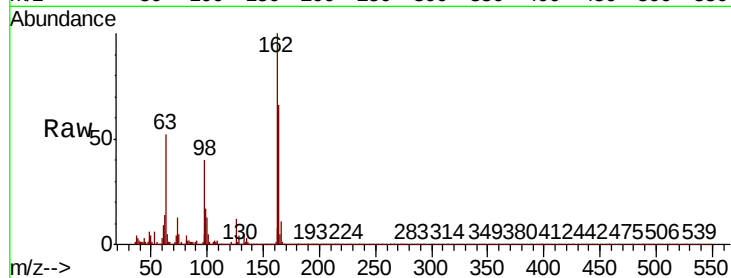




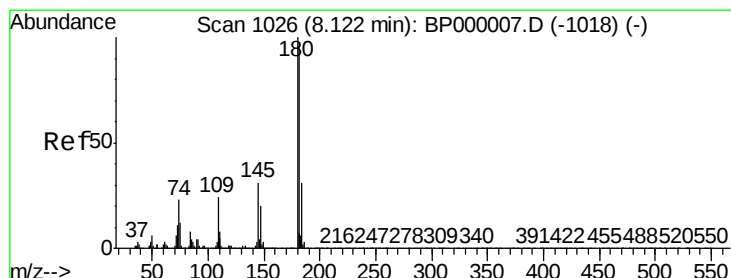
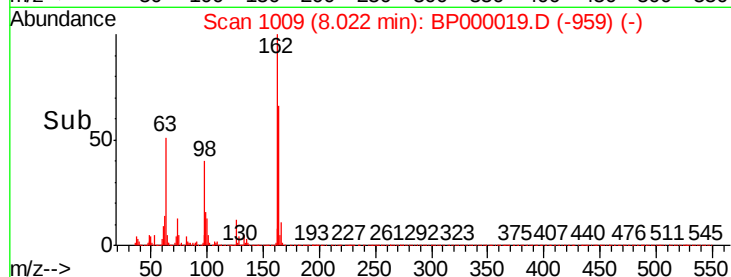
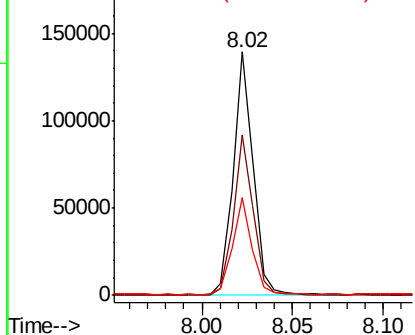
#29
2,4-Dichlorophenol
Concen: 3.409 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Instrument :
BNA_P
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.2	84.2
98	40.3	18.7	58.7

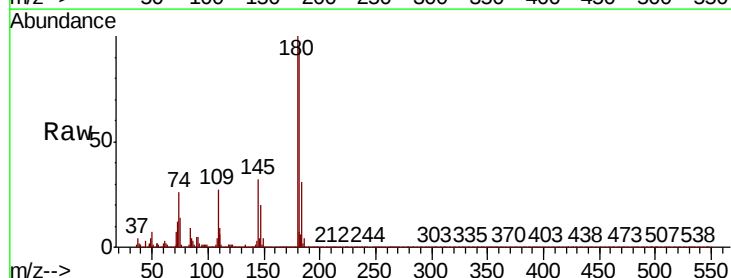


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BP0

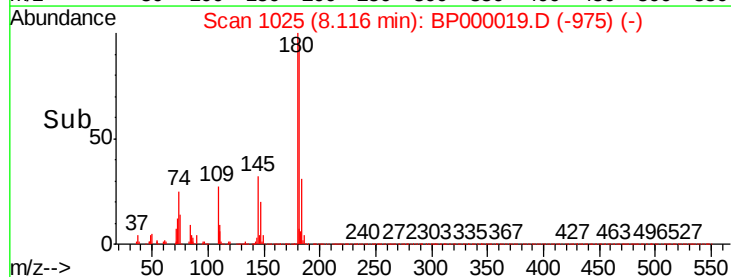
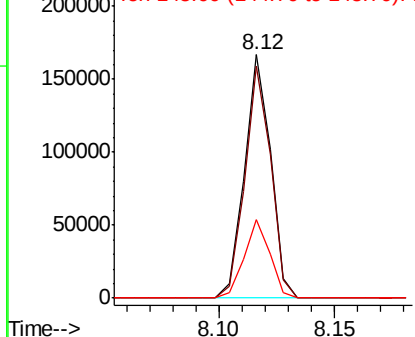


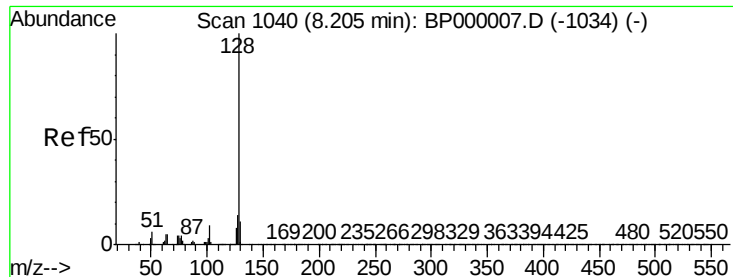
#30
1,2,4-Trichlorobenzene
Concen: 3.657 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.7	115.1
145	32.3	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

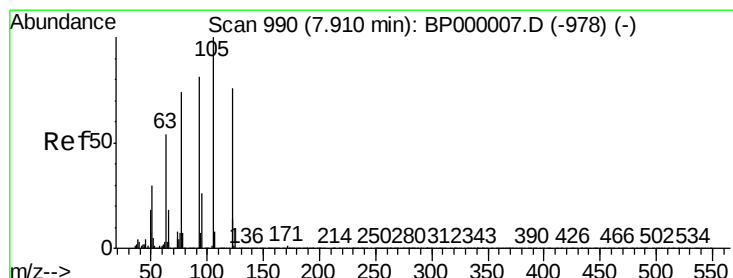
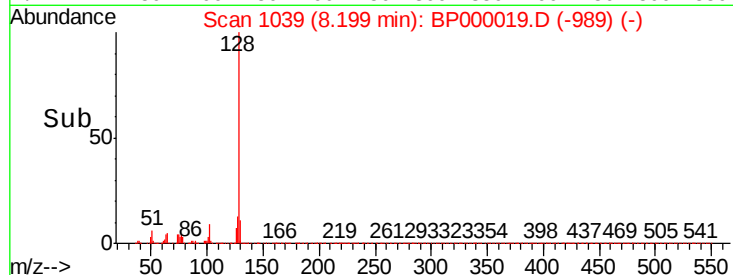
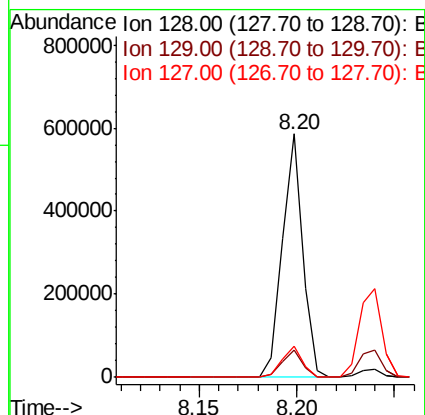
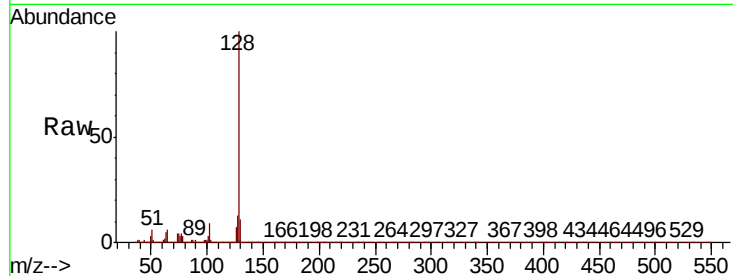




#31
Naphthalene
Concen: 4.169 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

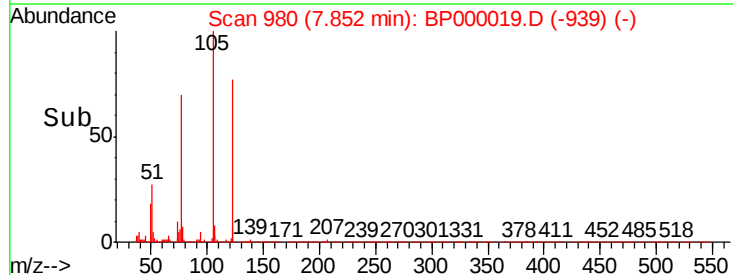
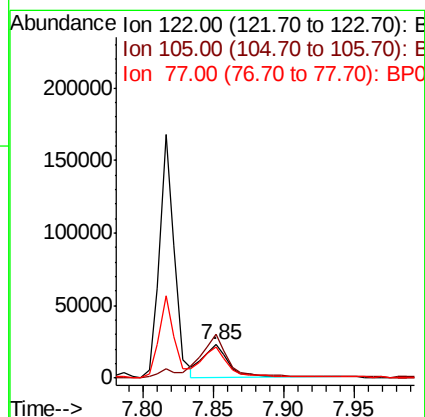
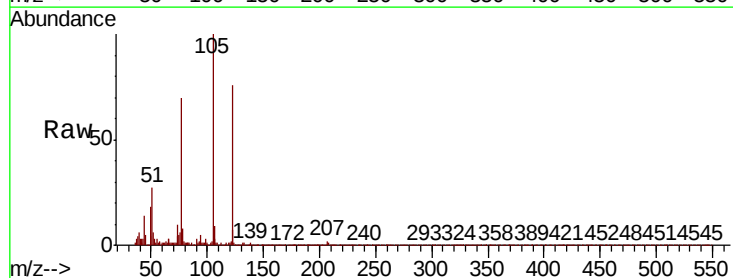
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

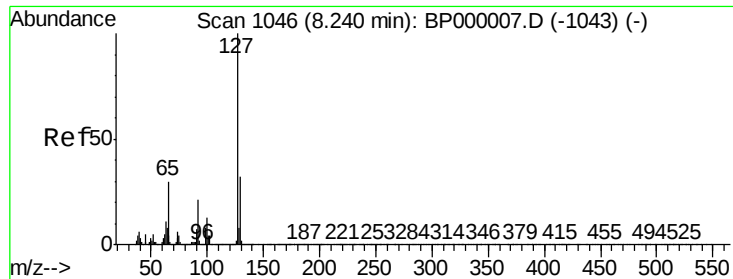
Tot Ion:128	Resp:	423079
Ion	Ratio	Lower Upper
128	100	
129	11.1	9.0 13.6
127	12.8	11.0 16.6



#32
Benzoic acid
Concen: 1.503 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:122	Resp:	28319
Ion	Ratio	Lower Upper
122	100	
105	131.8	104.6 144.6
77	91.7	74.1 114.1

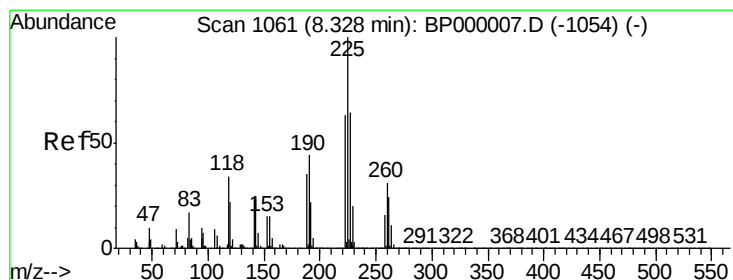
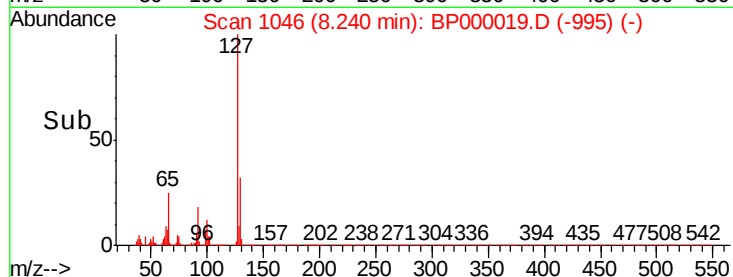
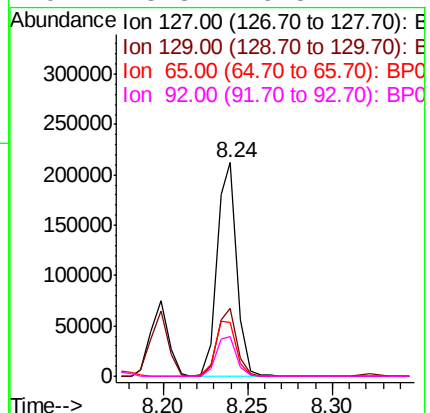
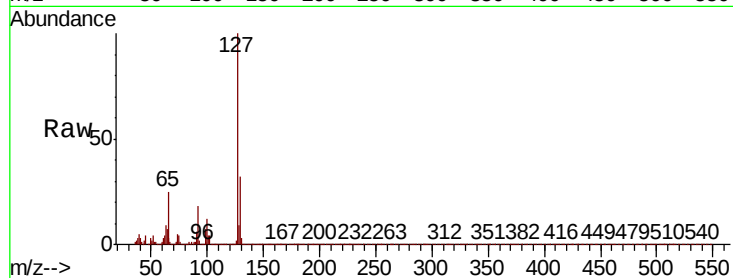




#33
4-Chloroaniline
Concen: 3.606 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

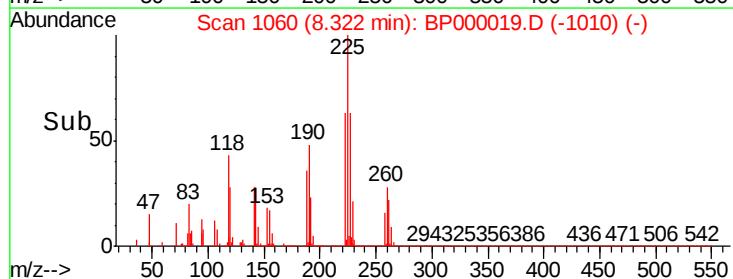
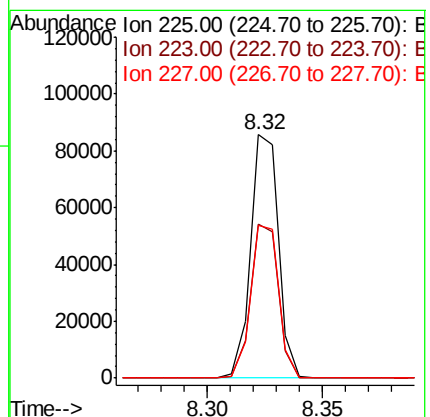
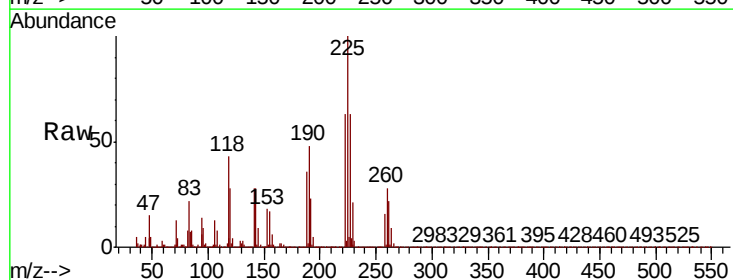
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

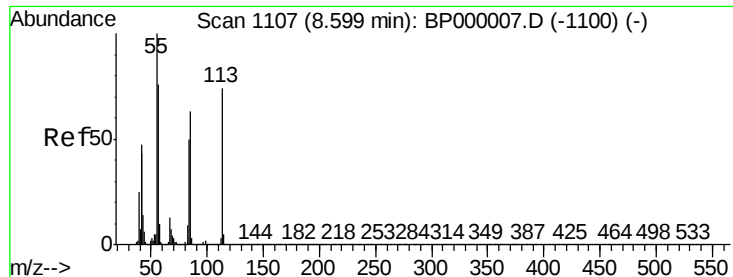
Tot Ion:	127	Resp:	172603
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	25.1	24.2	36.2
92	18.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 3.568 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:	225	Resp:	72329
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.8	51.0	76.4

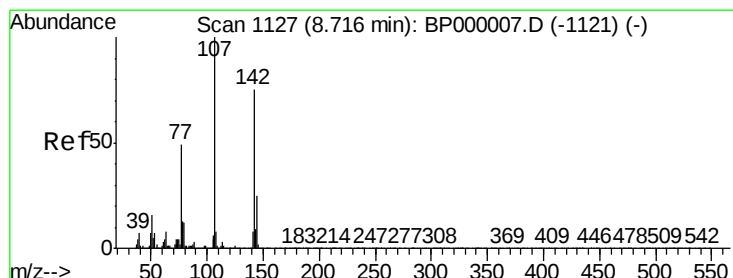
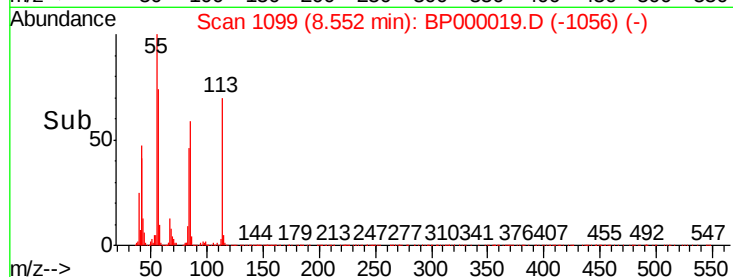
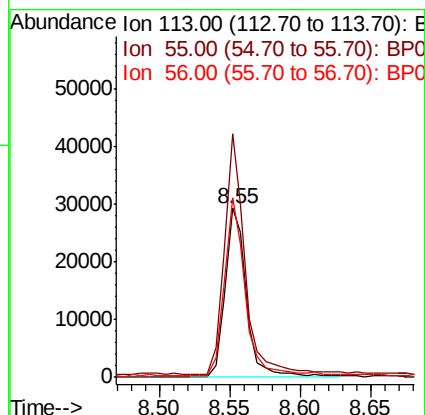
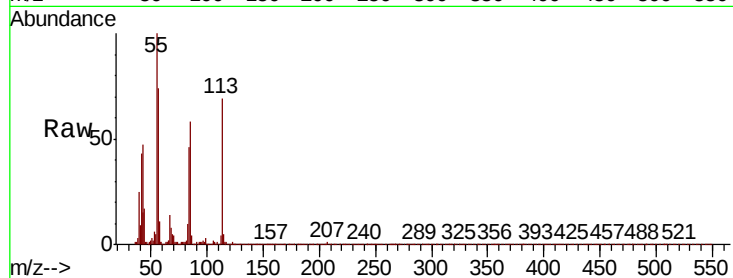




#35
Caprolactam
Concen: 2.719 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.05 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

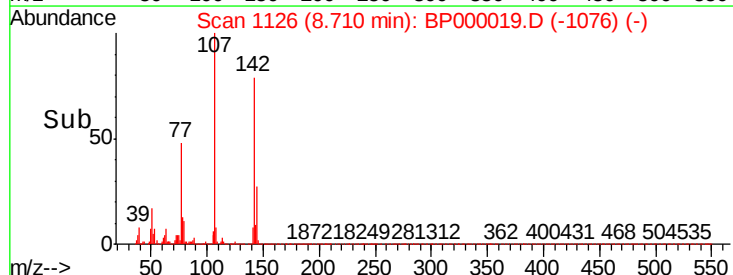
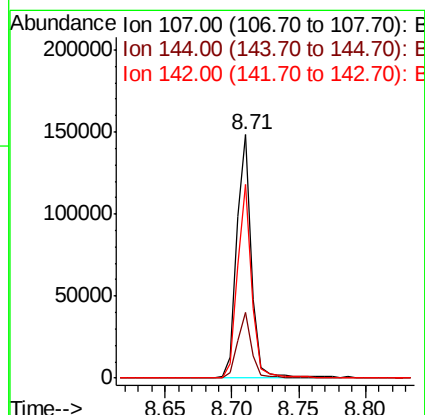
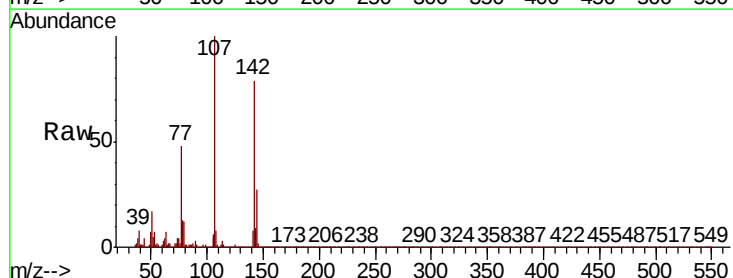
Instrument :
BNA_P
ClientSampled :
MDL-S-02

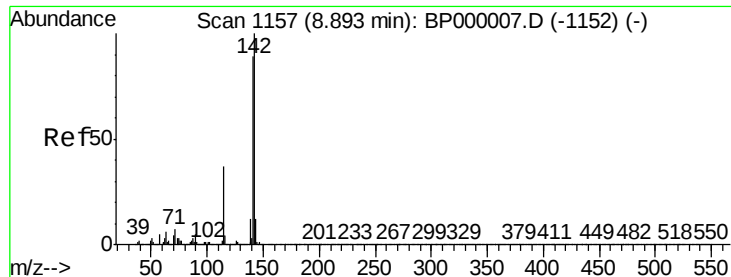
Tot Ion:113 Resp: 30509
Ion Ratio Lower Upper
113 100
55 143.9 114.6 154.6
56 106.3 82.1 122.1



#36
4-Chloro-3-methylphenol
Concen: 3.351 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:107 Resp: 115375
Ion Ratio Lower Upper
107 100
144 27.2 19.8 29.6
142 79.4 60.4 90.6

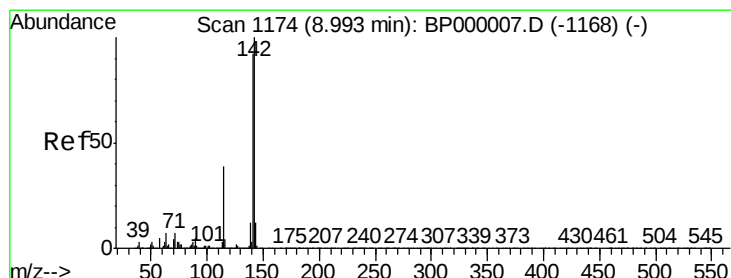
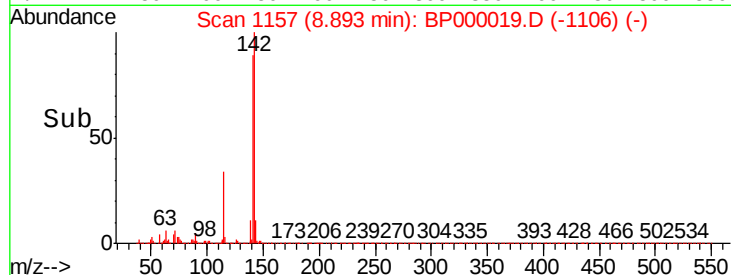
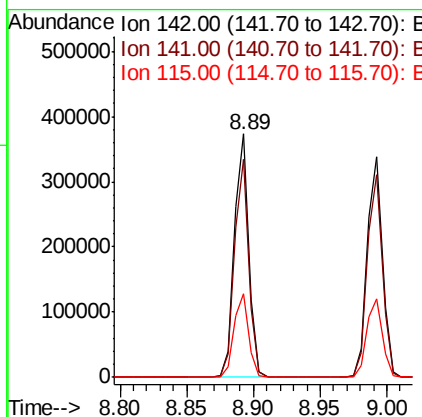
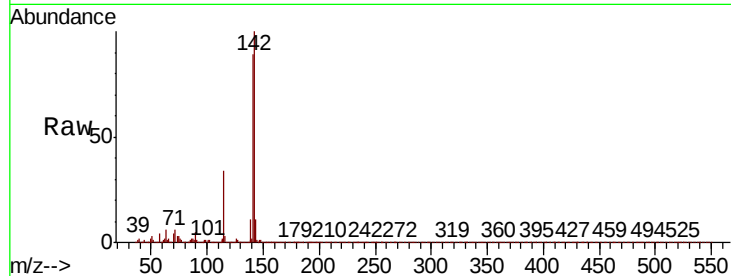




#37
2-Methylnaphthalene
Concen: 4.012 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

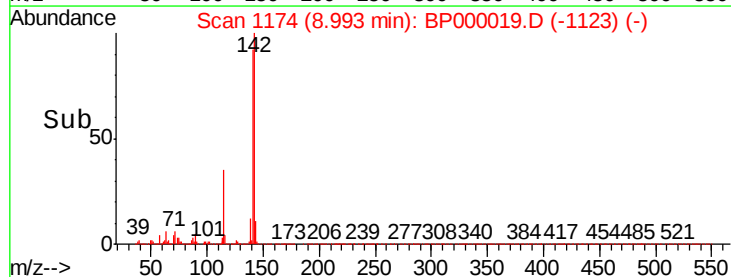
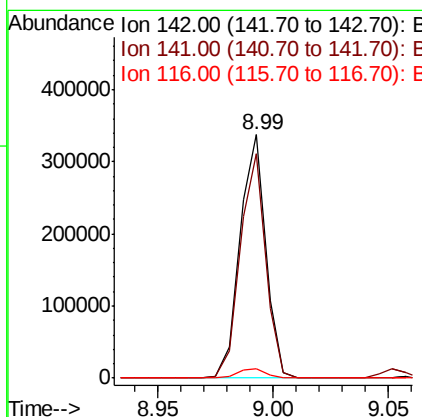
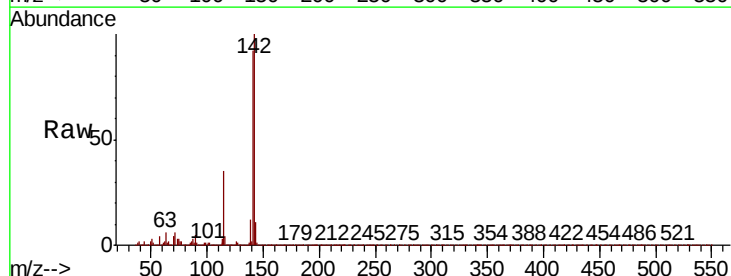
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

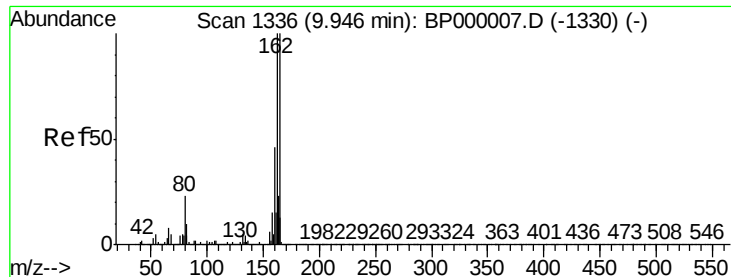
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.4
115	34.2	29.4	44.2



#38
1-Methylnaphthalene
Concen: 3.929 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.6	110.4
116	3.6	3.4	5.0

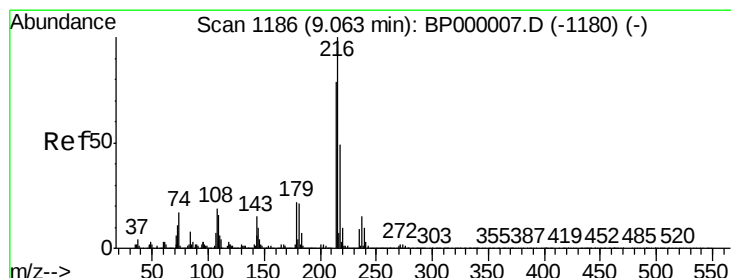
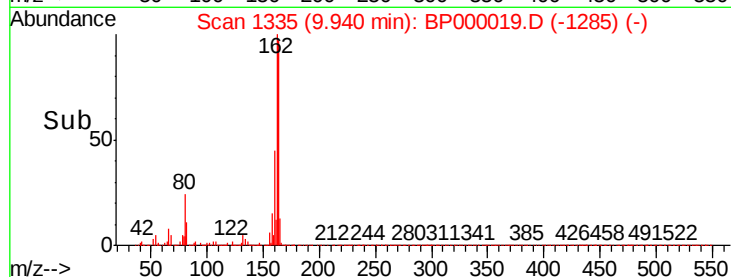
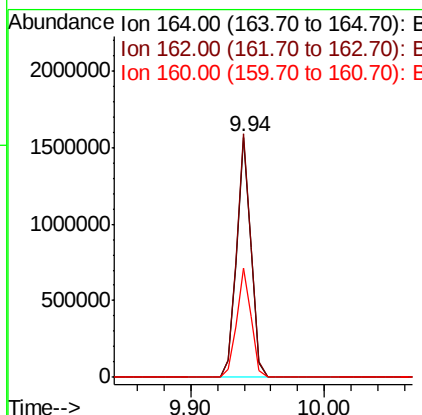
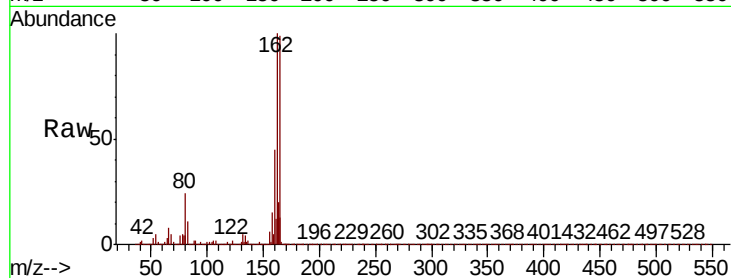




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

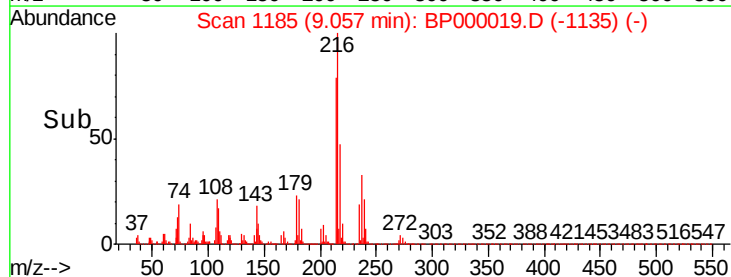
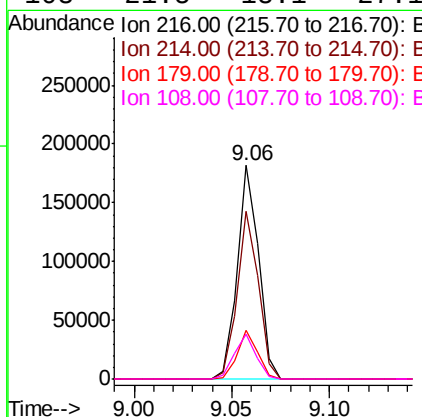
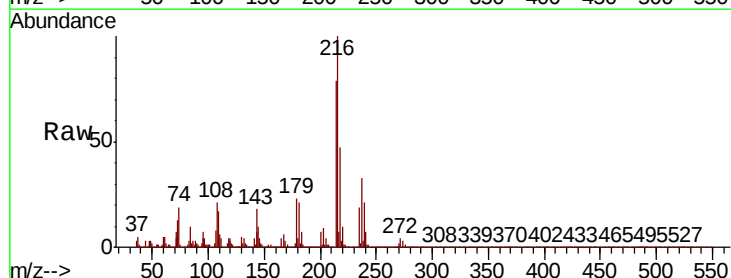
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

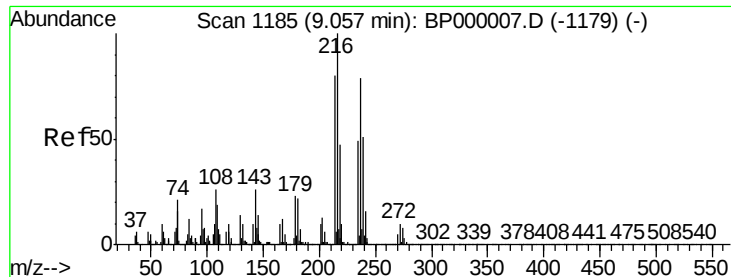
Tot Ion:164 Resp: 1187610
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.4
160 45.3 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.064 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:216 Resp: 136599
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 21.9 17.8 26.6
108 21.5 18.1 27.1

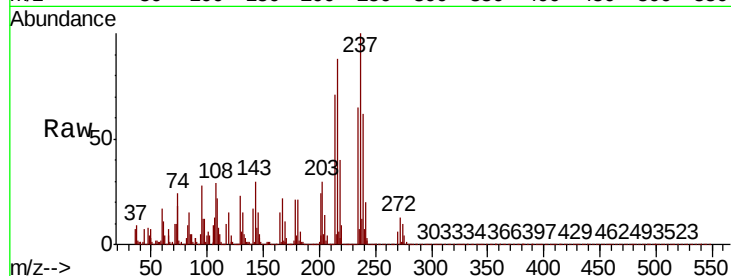




#41
Hexachlorocyclopentadiene
Concen: 3.279 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Instrument :
BNA_P
ClientSampleId :
MDL-S-02

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.0	82.0
272	12.9	0.0	33.1

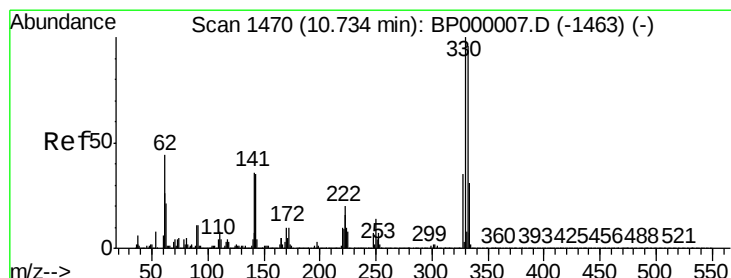
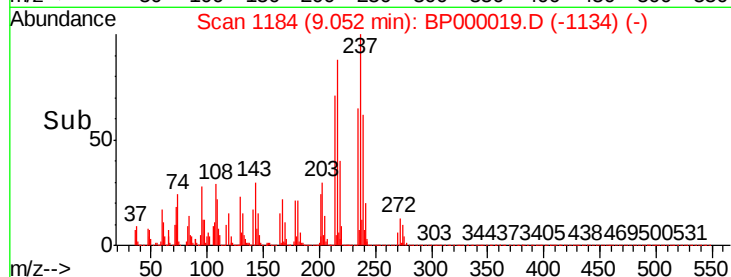
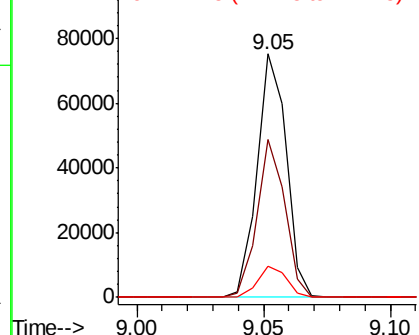


Abundance

Ion 236.80 (236.50 to 237.50): E

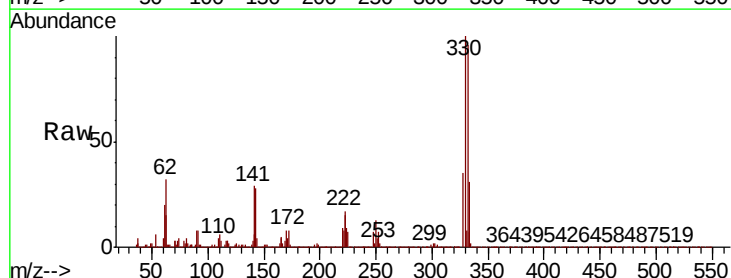
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 104.188 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	38.3	33.6	50.4

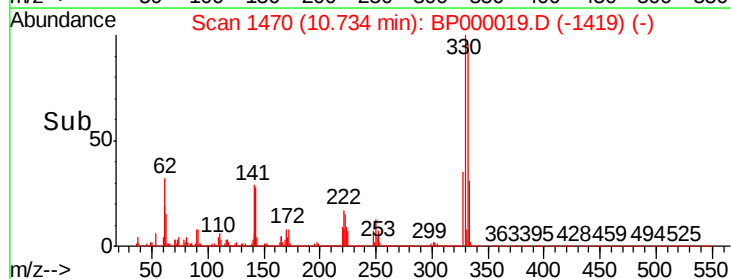
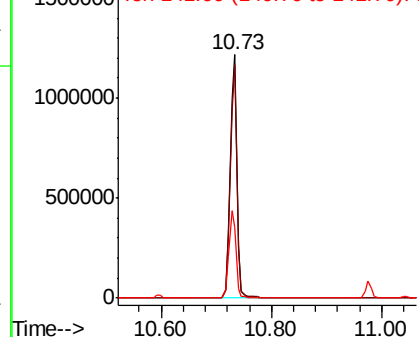


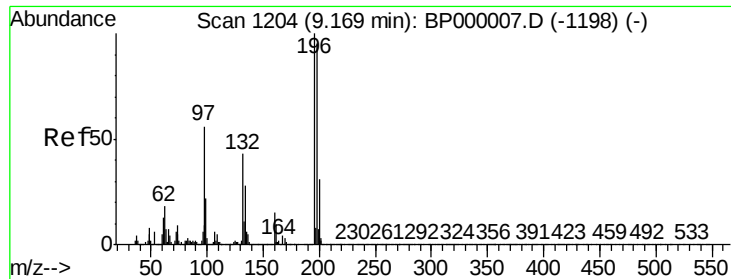
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

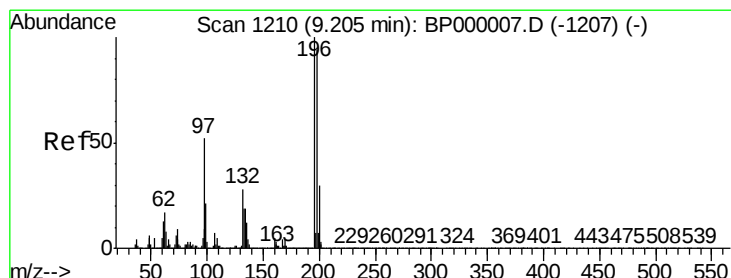
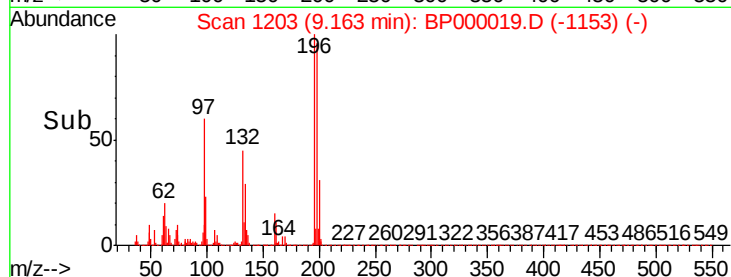
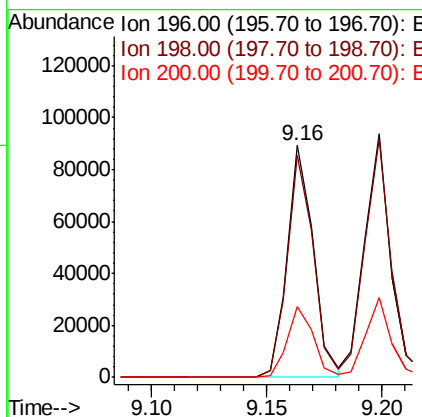
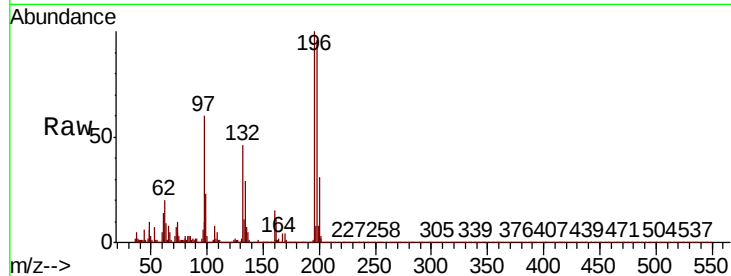




#43
 2,4,6-Trichlorophenol
 Concen: 2.992 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

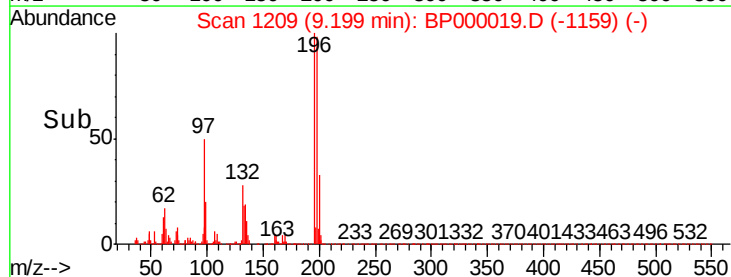
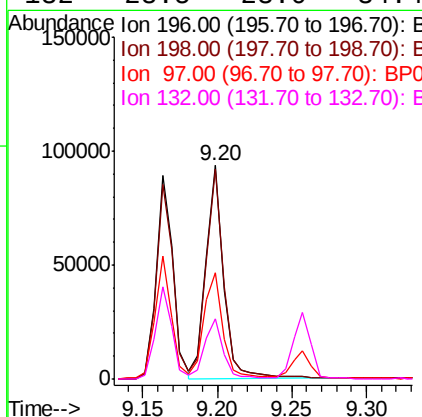
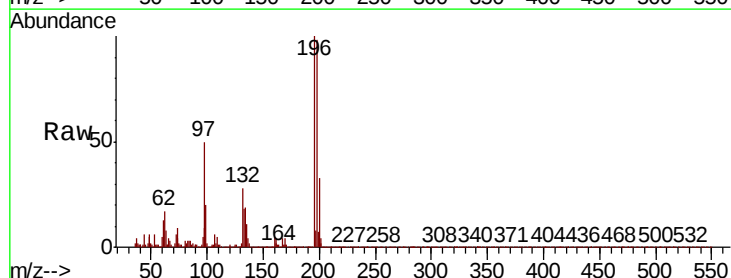
Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-02

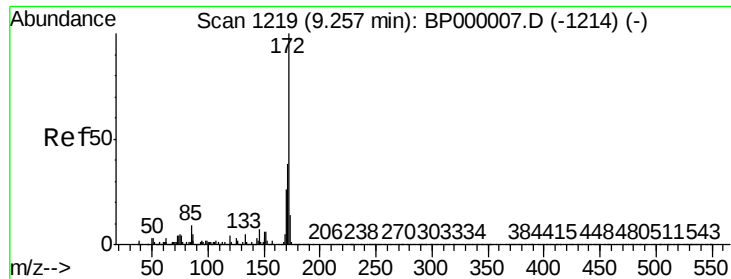
Tot Ion:196 Resp: 69366
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.2
 200 30.7 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 3.150 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

Tgt Ion:196 Resp: 76392
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.9 112.3
 97 49.9 42.2 63.2
 132 28.5 23.0 34.4

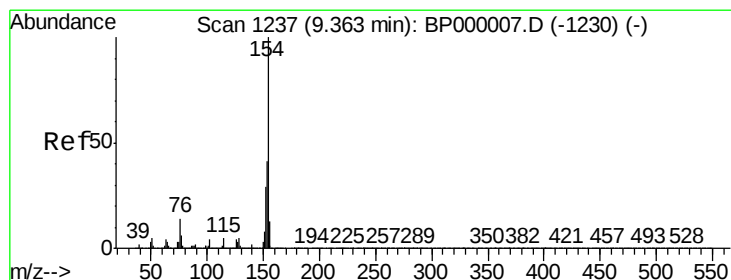
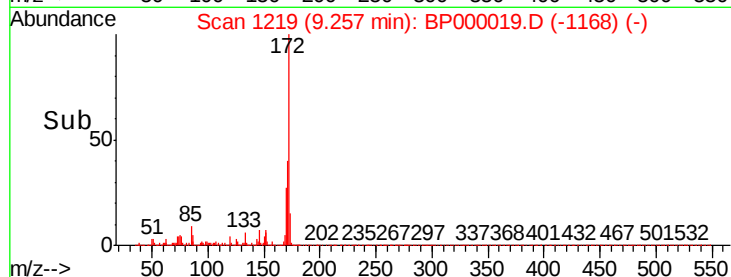
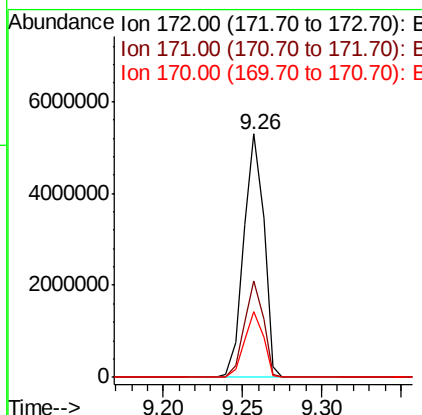
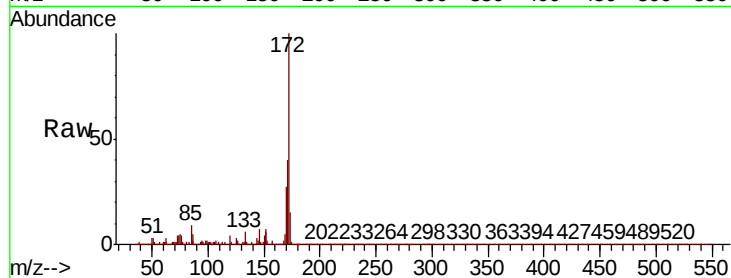




#45
2-Fluorobiphenyl
Concen: 65.147 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

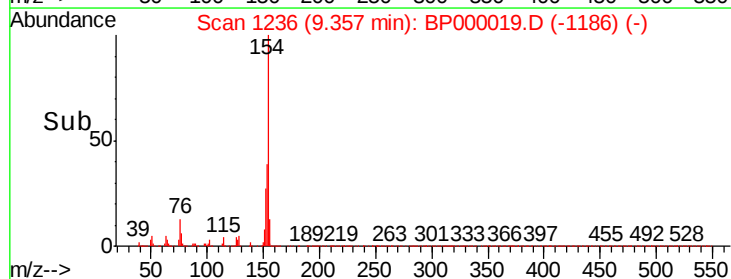
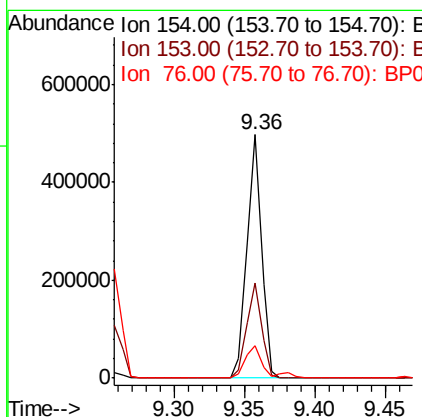
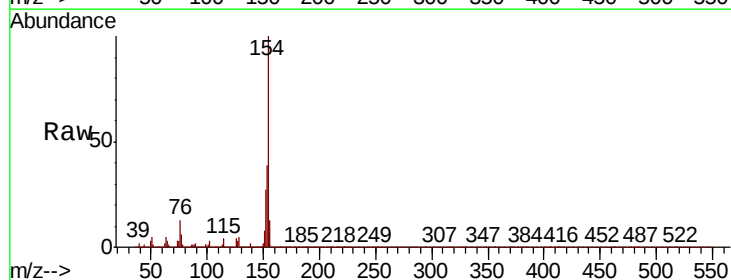
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

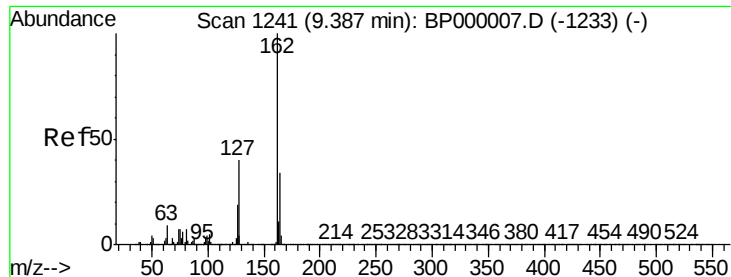
Tot Ion:172 Resp: 4632890
Ion Ratio Lower Upper
172 100
171 39.6 30.7 46.1
170 26.8 20.7 31.1



#46
1,1'-Biphenyl
Concen: 4.312 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:154 Resp: 361551
Ion Ratio Lower Upper
154 100
153 39.0 21.1 61.1
76 13.5 0.0 33.7

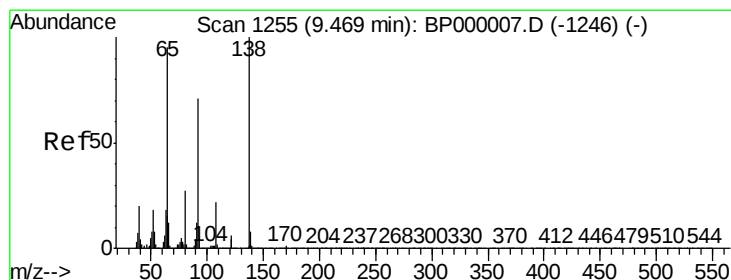
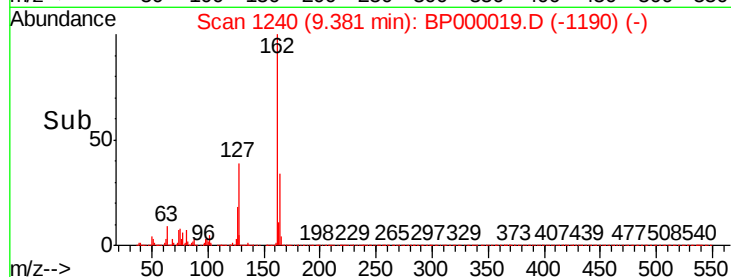
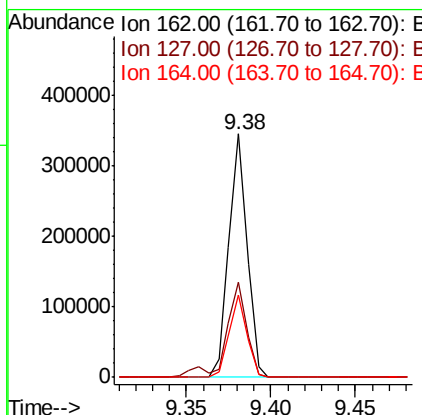
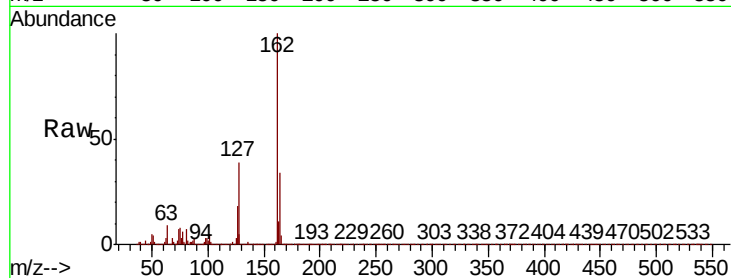




#47
2-Chloronaphthalene
Concen: 3.727 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

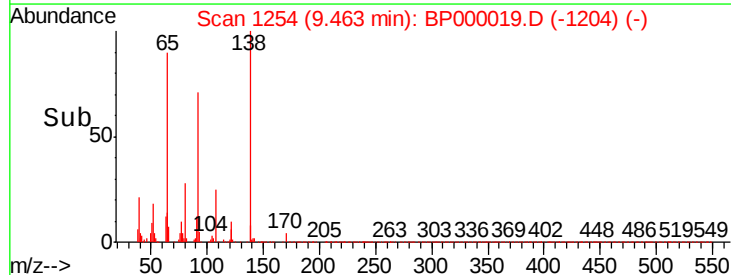
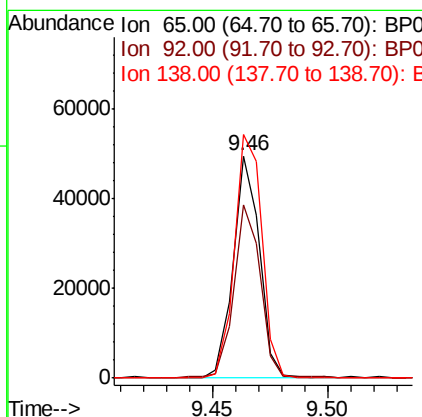
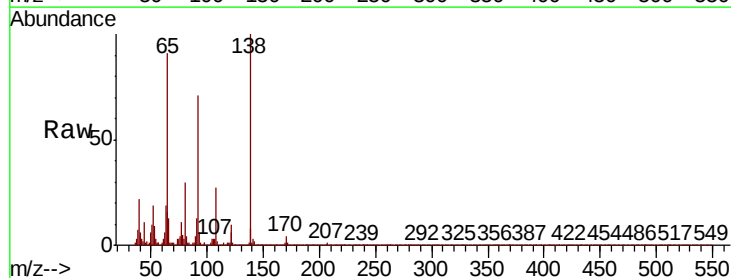
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

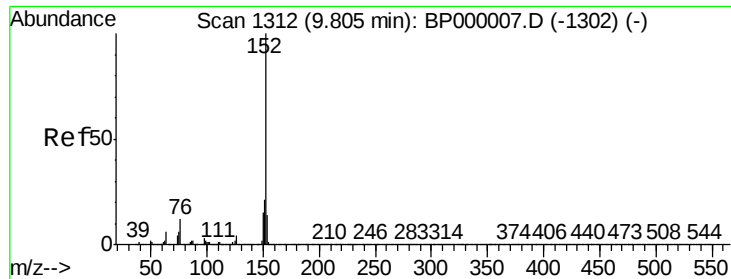
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.4
164	33.6	26.9	40.3



#48
2-Nitroaniline
Concen: 2.075 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.2	60.3	90.5
138	109.7	84.5	126.7

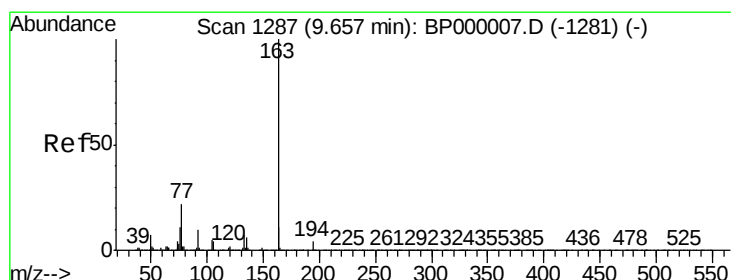
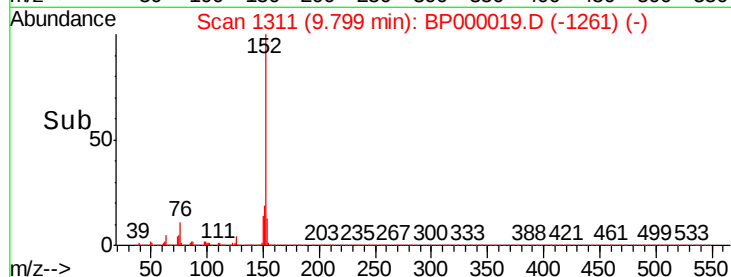
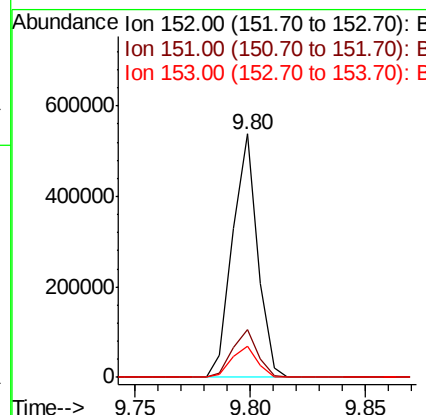
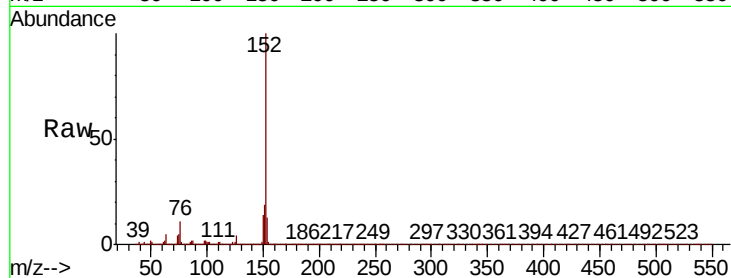




#49
Acenaphthylene
Concen: 3.923 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

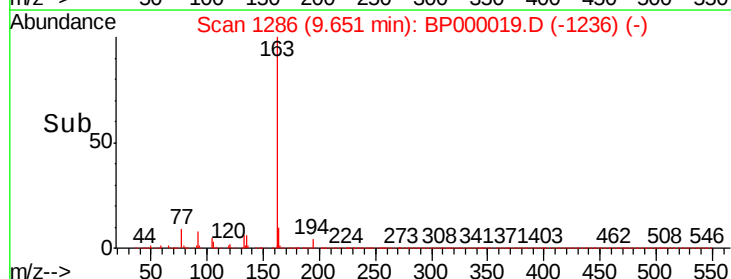
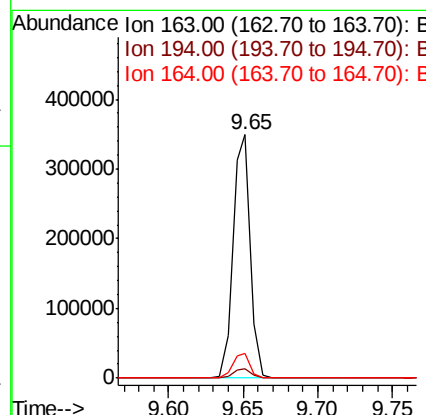
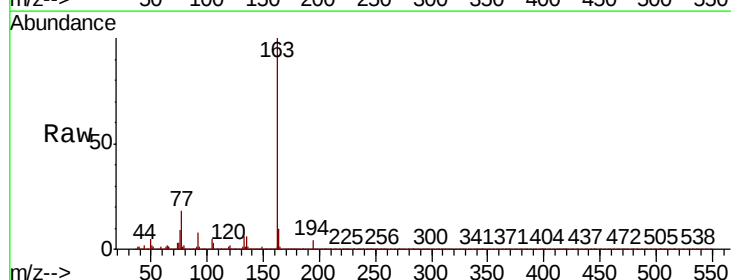
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

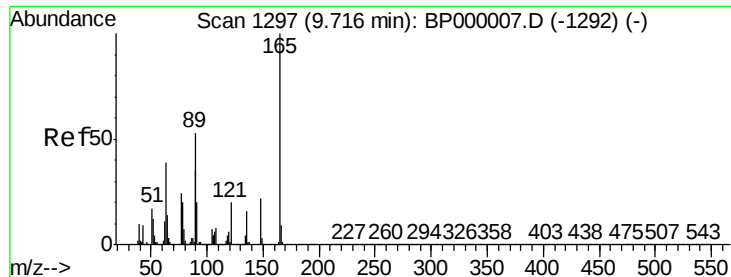
Tot Ion:	152	Resp:	405152
Ion Ratio	Lower	Upper	
152	100		
151	19.5	17.0	25.6
153	12.7	11.0	16.6



#50
Dimethylphthalate
Concen: 3.544 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:	163	Resp:	286851
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 2.668 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

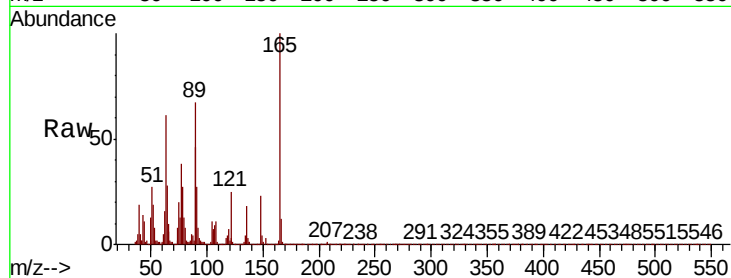
Tot Ion:165 Resp: 45834

Ion Ratio Lower Upper

165 100

63 60.7 35.8 53.6#

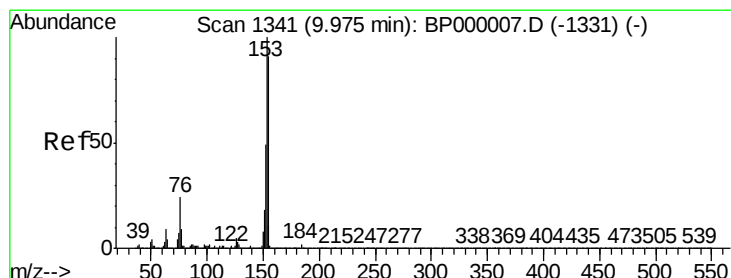
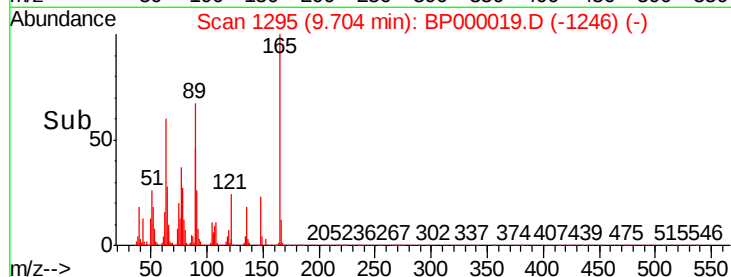
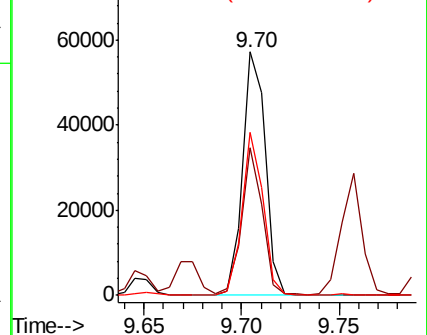
89 67.1 42.2 63.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 3.846 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

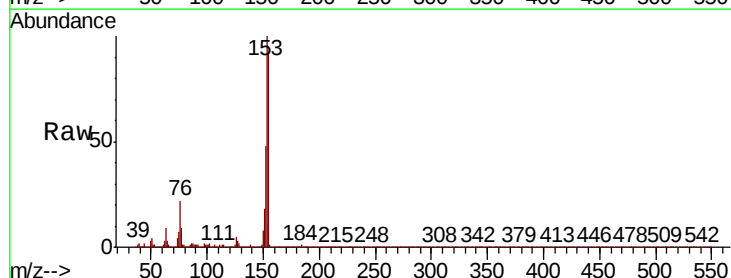
Tgt Ion:154 Resp: 249198

Ion Ratio Lower Upper

154 100

153 107.1 88.2 132.2

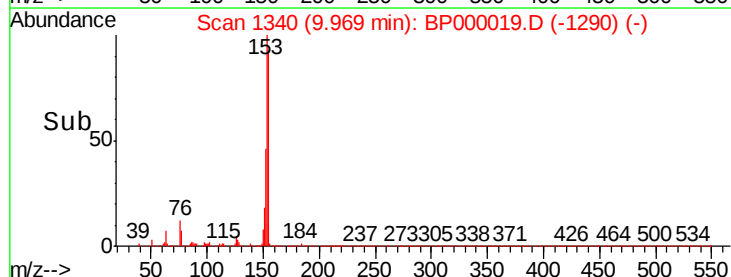
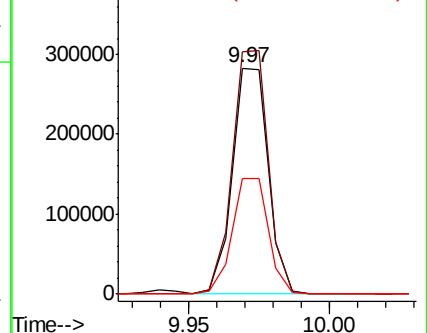
152 51.4 42.9 64.3

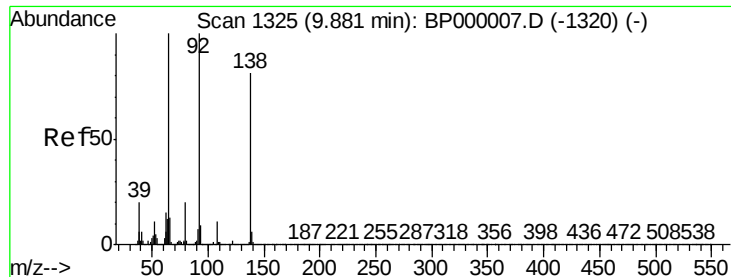


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

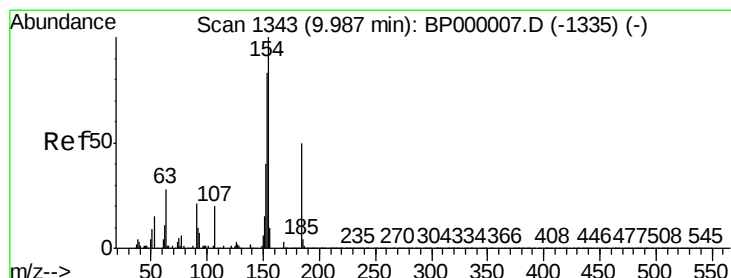
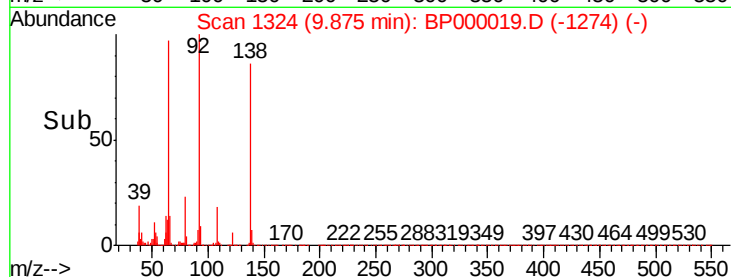
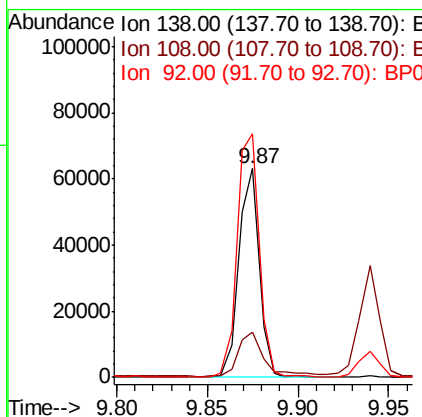
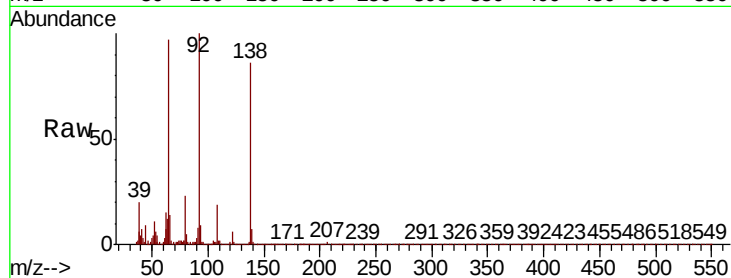




#53
3-Nitroaniline
Concen: 2.419 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

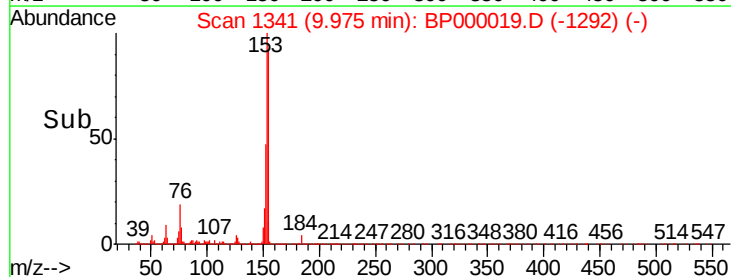
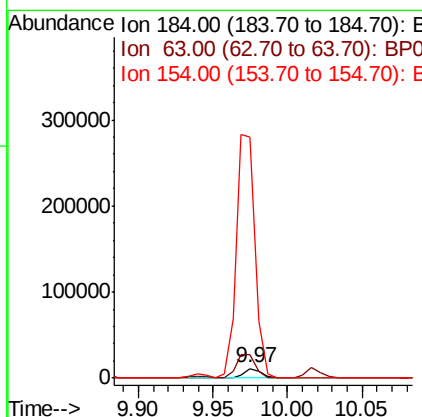
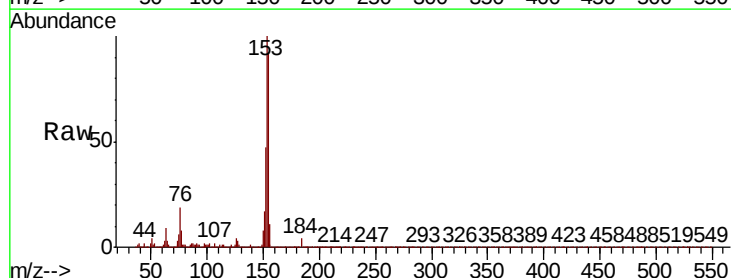
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

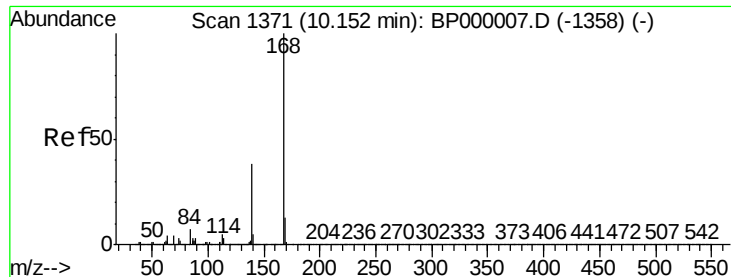
Tot Ion:138 Resp: 49642
Ion Ratio Lower Upper
138 100
108 21.7 11.0 16.4#
92 116.8 98.2 147.4



#54
2,4-Dinitrophenol
Concen: 1.696 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:184 Resp: 9201
Ion Ratio Lower Upper
184 100
63 248.0 46.0 69.0#
154 2498.7 161.9 242.9#

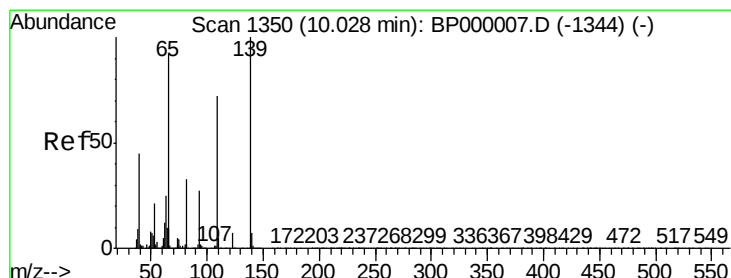
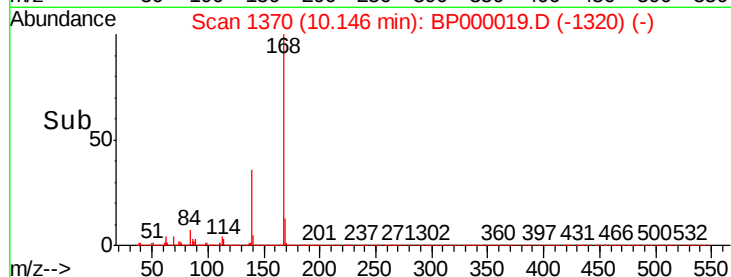
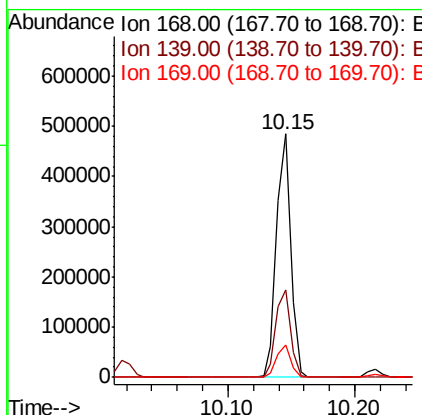
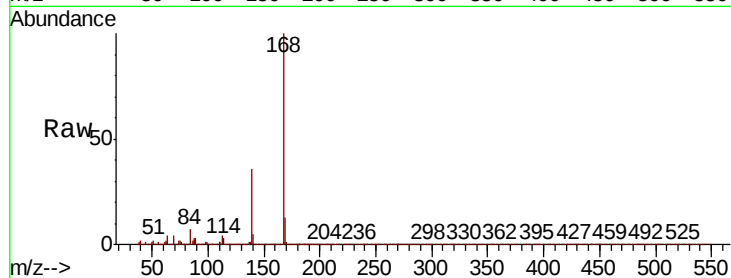




#55
Dibenzofuran
Concen: 4.091 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

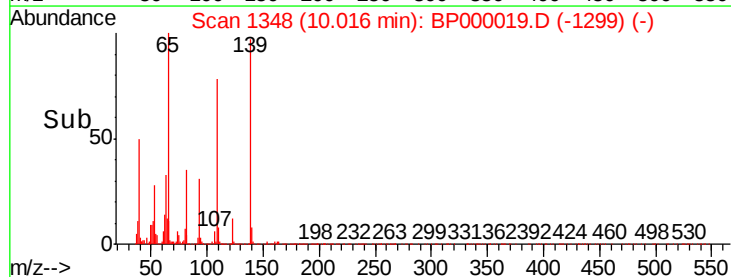
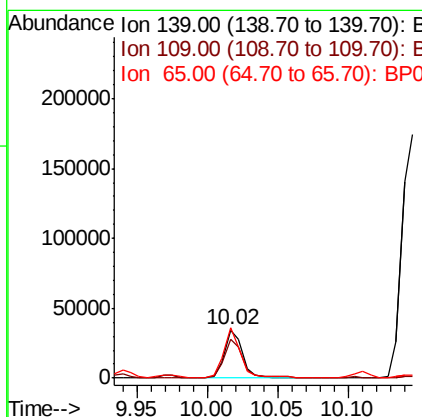
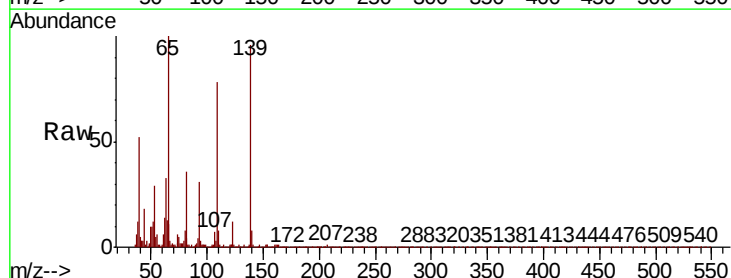
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

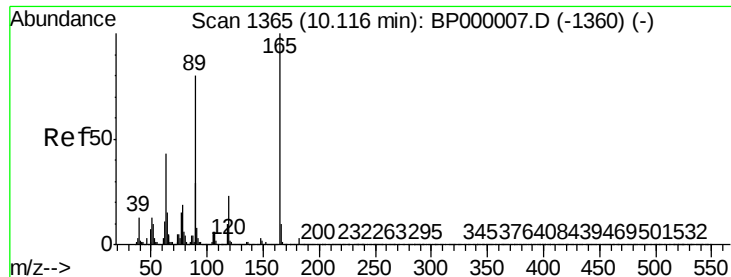
Tot Ion	168	139	169
Resp:	376469		
Ion Ratio	100	35.9	13.4
Lower		30.2	10.7
Upper		45.2	16.1



#56
4-Nitrophenol
Concen: 2.109 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	139	109	65
Resp:	30932		
Ion Ratio	100	81.2	104.7
Lower		52.4	72.2
Upper		92.4	112.2

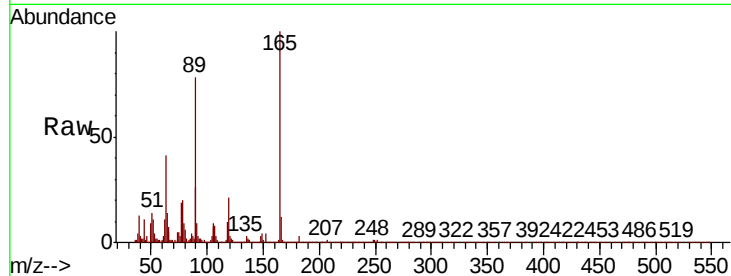




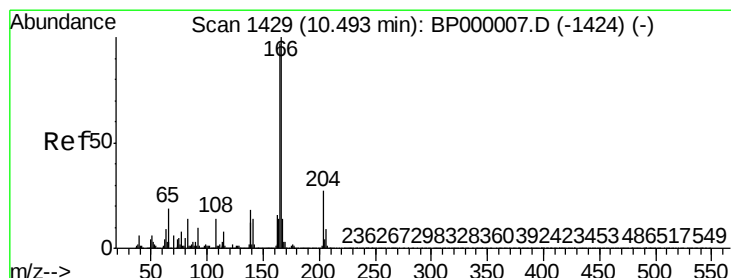
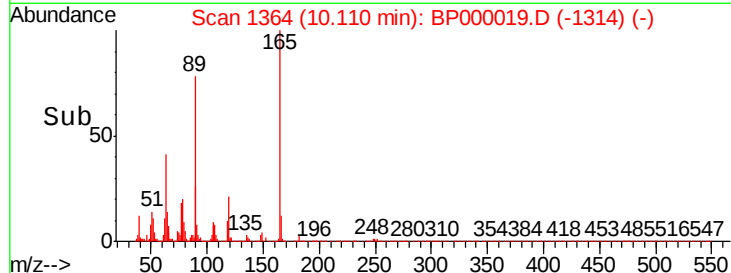
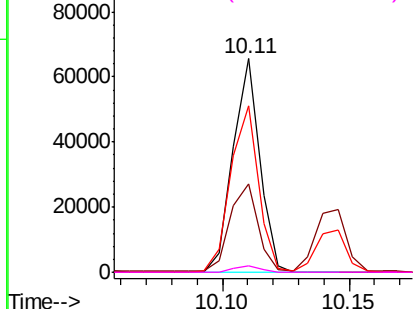
#57
2,4-Dinitrotoluene
Concen: 2.185 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Instrument :
BNA_P
ClientSampleId :
MDL-S-02

Tot Ion:165	Resp:	47916
Ion	Ratio	Lower Upper
165	100	
63	41.4	34.4 51.6
89	77.7	64.3 96.5
182	3.2	2.2 3.4

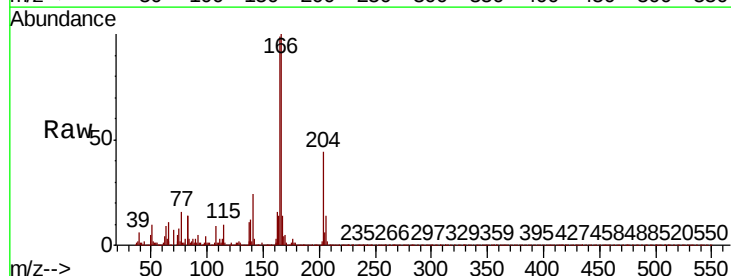


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

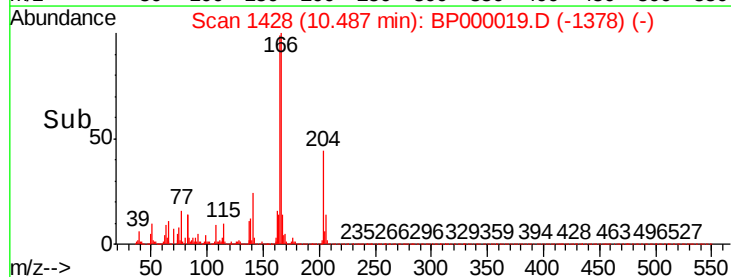
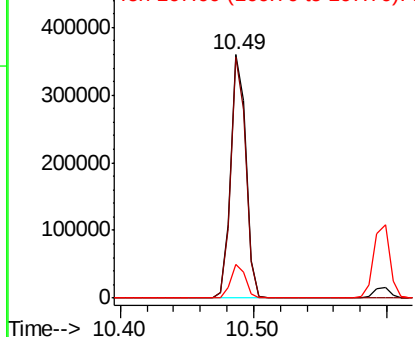


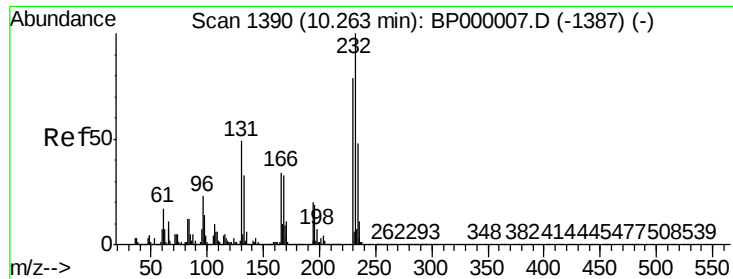
#58
Fluorene
Concen: 4.233 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:166	Resp:	293145
Ion	Ratio	Lower Upper
166	100	
165	98.9	77.3 115.9
167	13.6	11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.009 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

Tot Ion:232 Resp: 55264

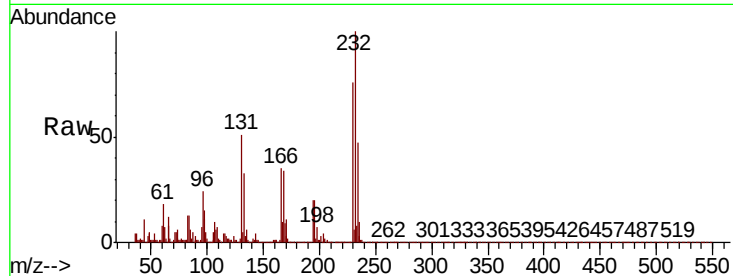
Ion	Ratio	Lower	Upper
232	100		
131	52.4	39.3	58.9
130	2.9	2.1	3.1
166	34.5	26.5	39.7

232 100

131 52.4 39.3 58.9

130 2.9 2.1 3.1

166 34.5 26.5 39.7

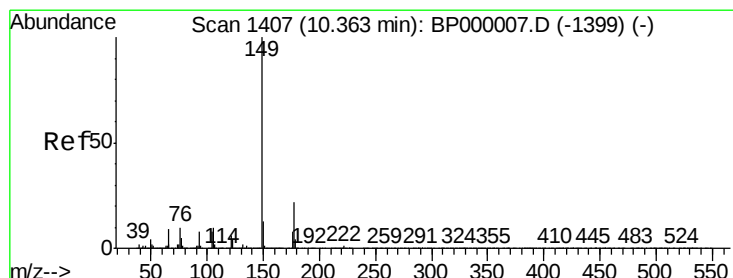
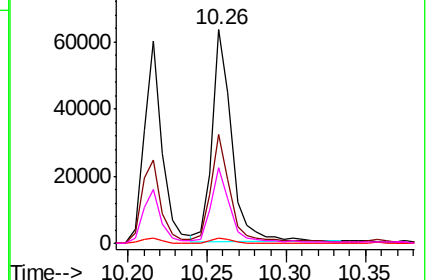
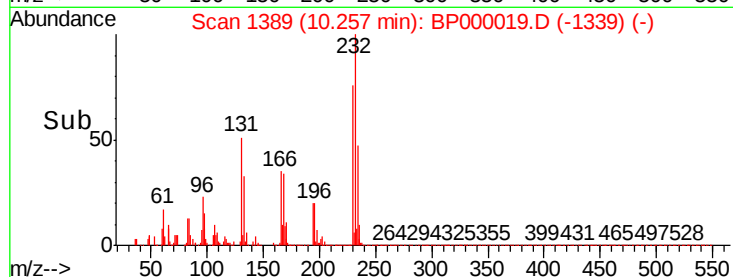


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 3.455 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

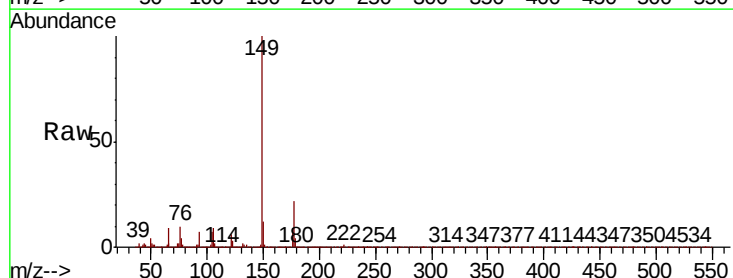
Tgt Ion:149 Resp: 279869

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.1	10.3	15.5

149 100

177 22.1 17.3 25.9

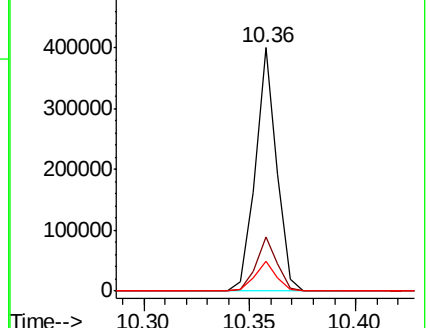
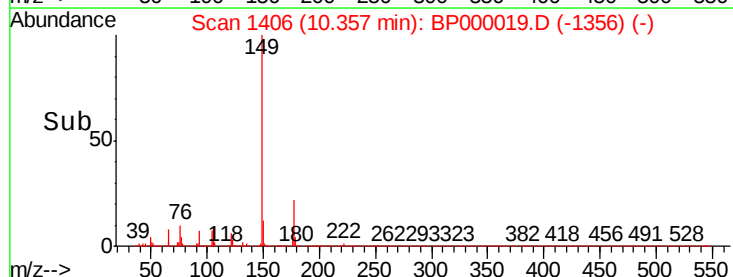
150 12.1 10.3 15.5

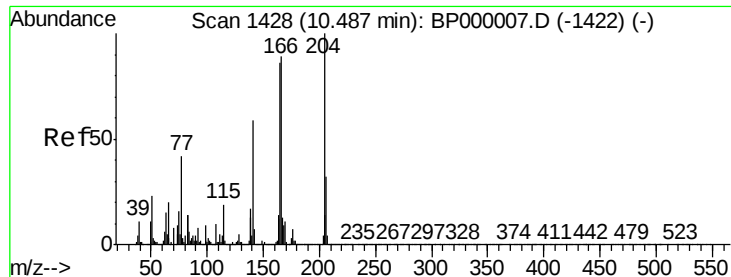


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

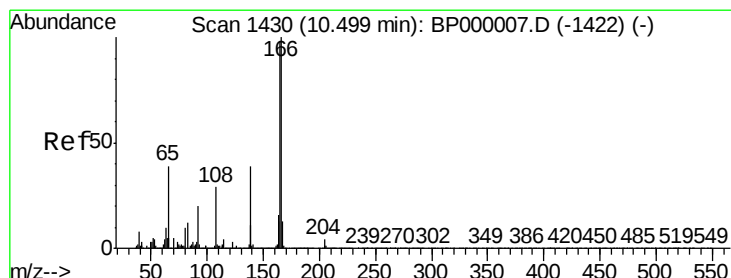
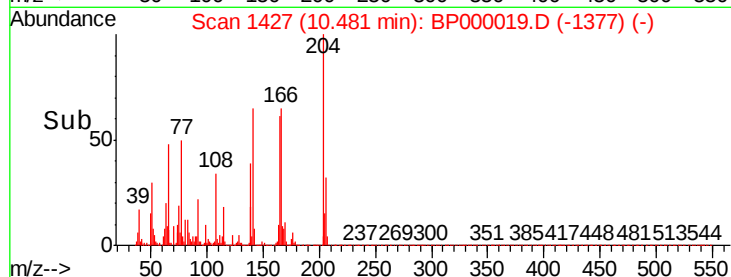
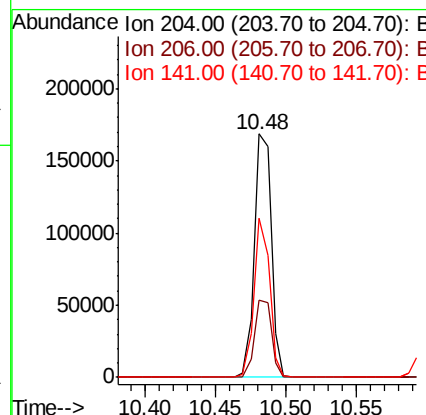
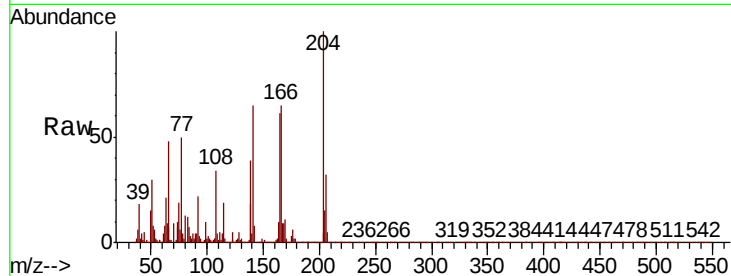




#61
4-Chlorophenyl-phenylether
Concen: 3.954 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

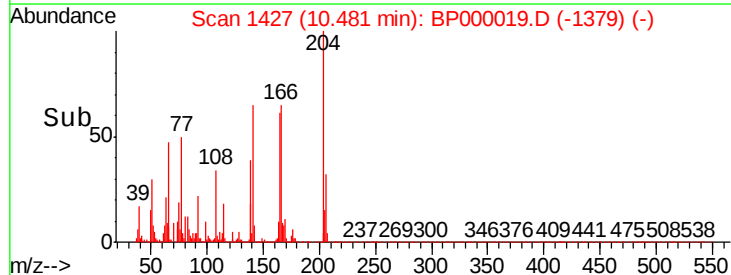
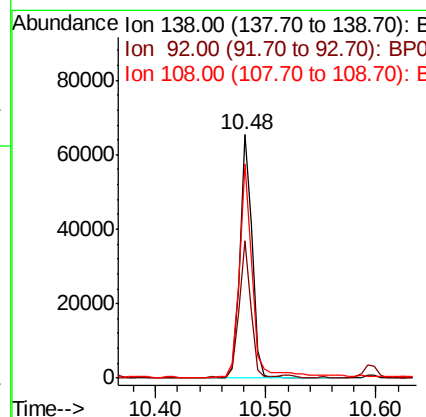
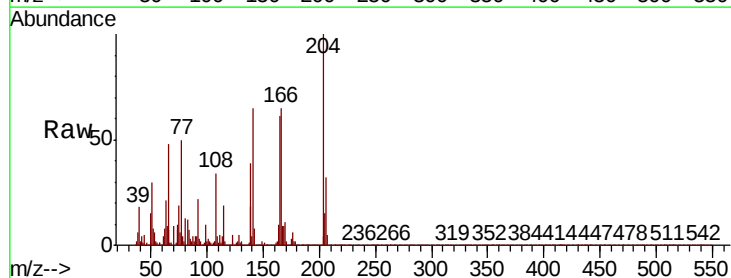
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

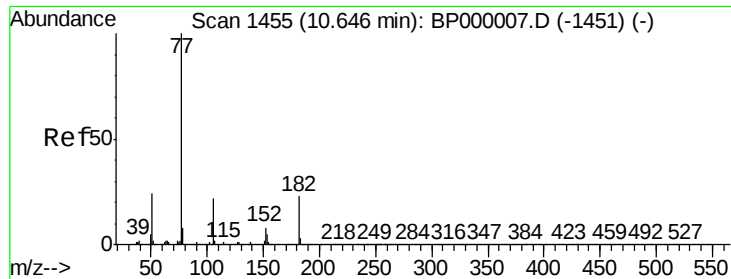
Tot Ion:204 Resp: 142324
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 65.3 47.6 71.4



#62
4-Nitroaniline
Concen: 2.602 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:138 Resp: 50922
Ion Ratio Lower Upper
138 100
92 56.5 32.8 72.8
108 88.2 55.7 95.7

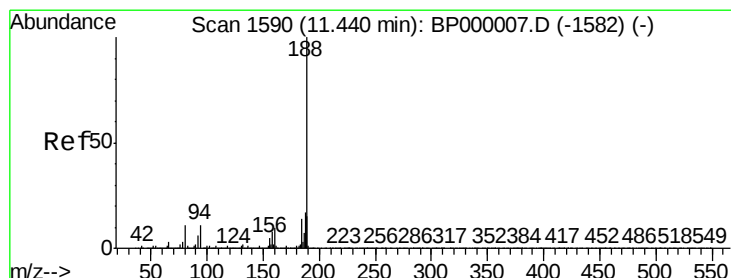
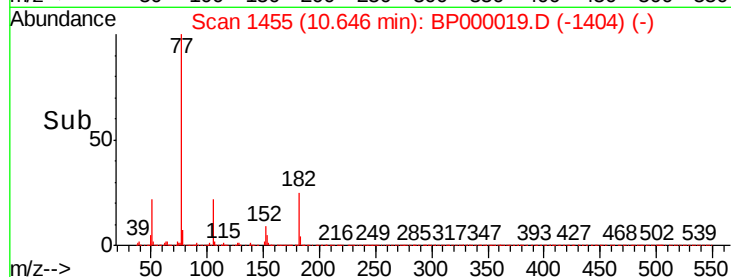
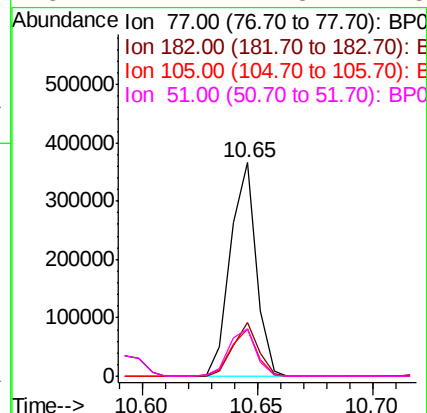
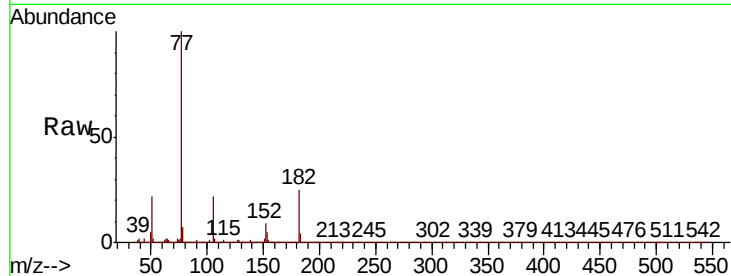




#63
Azobenzene
Concen: 3.646 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

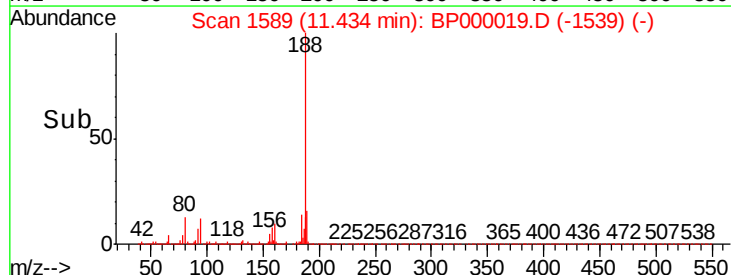
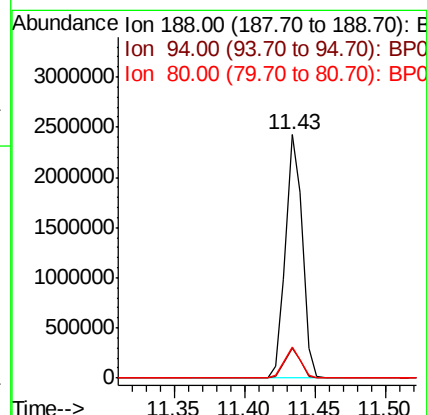
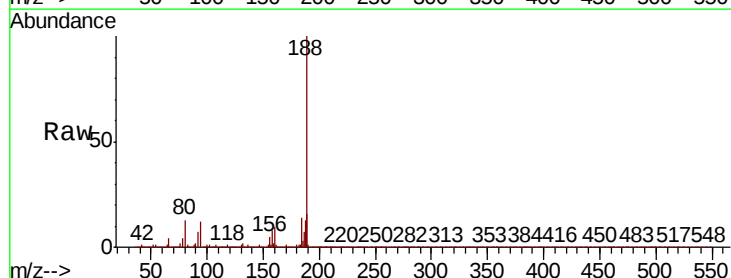
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

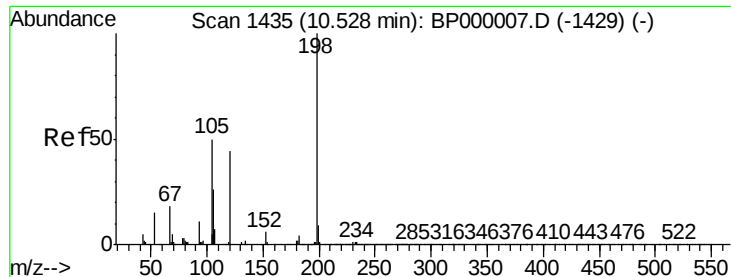
Tot Ion:	77	Resp:	282822
Ion	Ratio	Lower	Upper
77	100		
182	25.1	2.6	42.6
105	22.1	2.3	42.3
51	22.4	4.5	44.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:	188	Resp:	2017226
Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.8	13.2
80	13.0	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 1.995 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

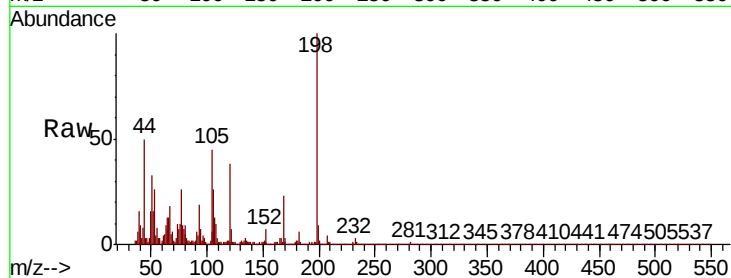
Tot Ion:198 Resp: 14286

Ion Ratio Lower Upper

198 100

51 33.1 22.1 62.1

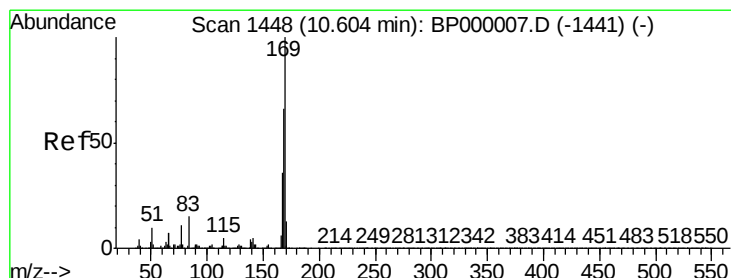
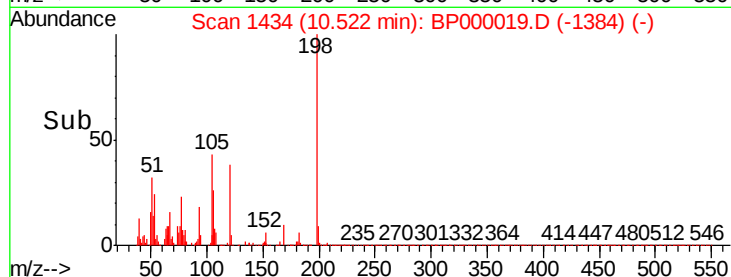
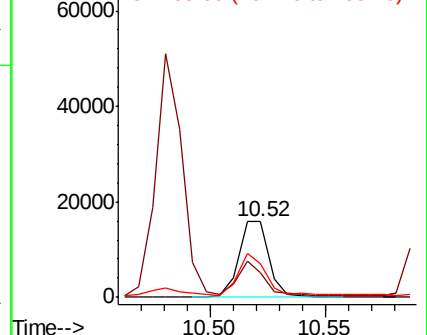
105 45.1 32.0 72.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.111 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

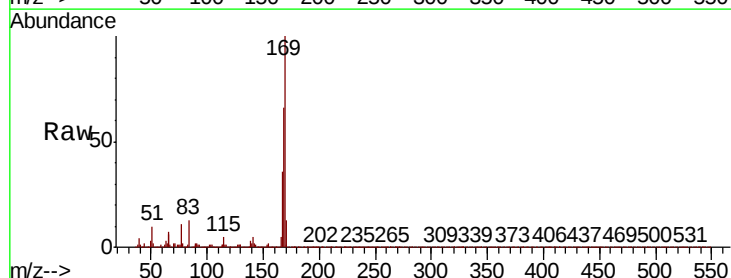
Tgt Ion:169 Resp: 246402

Ion Ratio Lower Upper

169 100

168 66.1 52.9 79.3

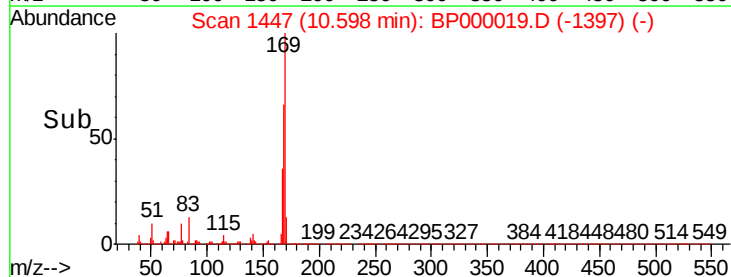
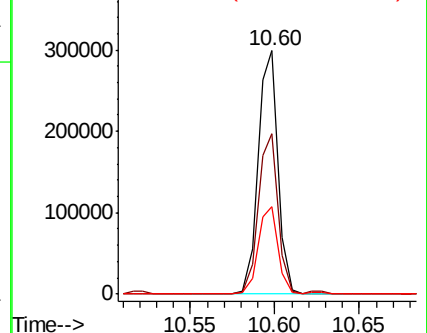
167 35.9 29.2 43.8

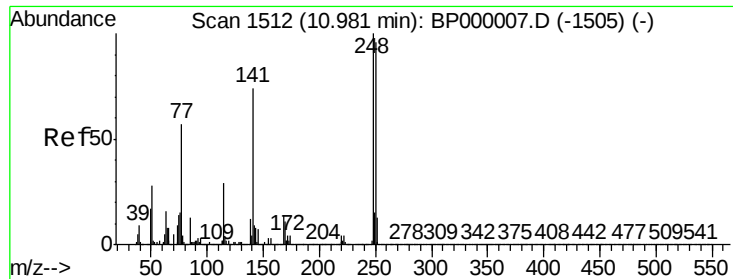


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

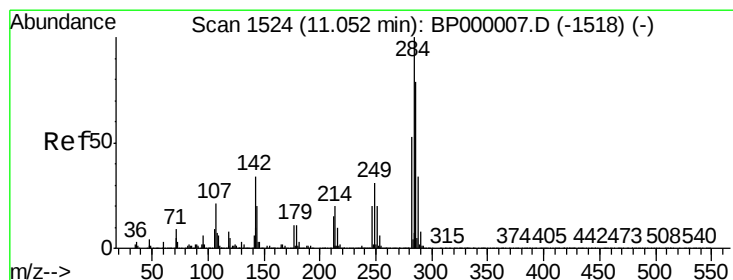
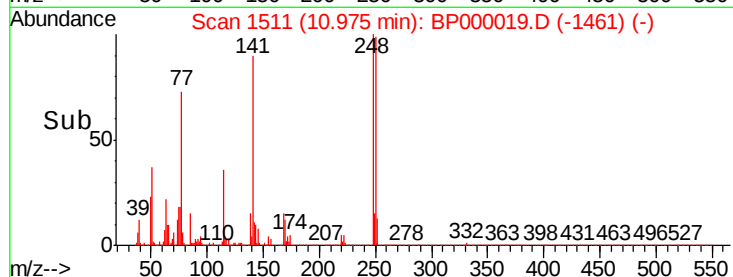
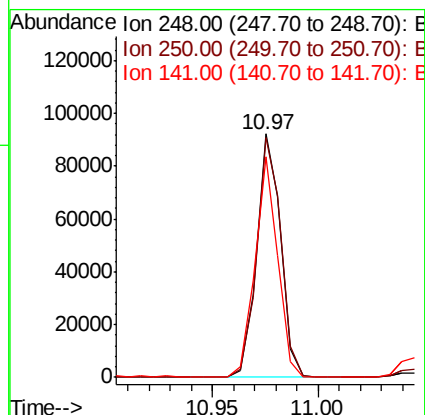
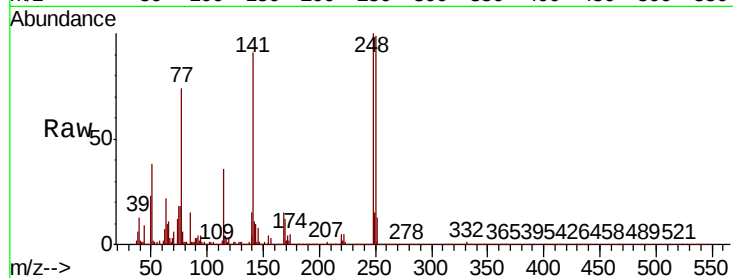




#67
4-Bromophenyl-phenylether
Concen: 3.560 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

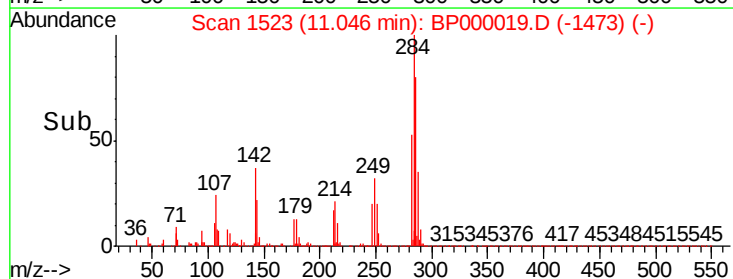
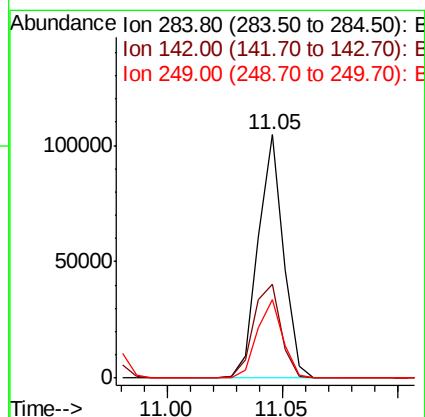
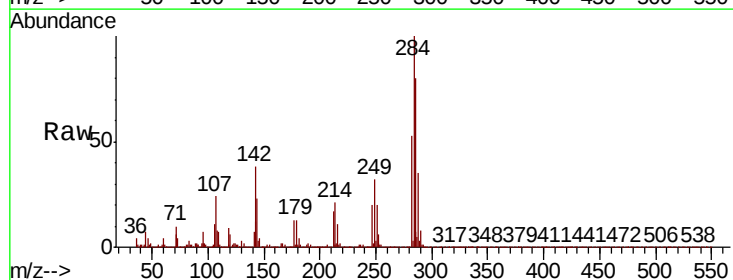
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

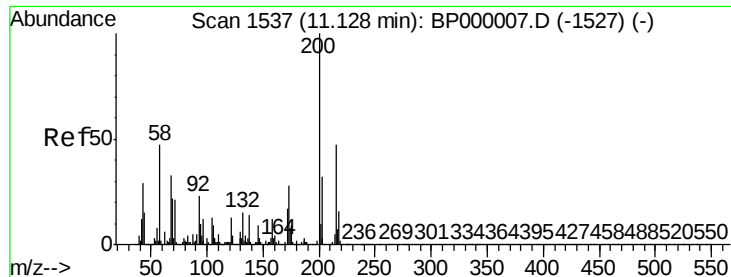
Tot Ion:248 Resp: 72984
Ion Ratio Lower Upper
248 100
250 98.6 77.1 115.7
141 90.5 59.5 89.3#



#68
Hexachlorobenzene
Concen: 3.593 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:284 Resp: 80252
Ion Ratio Lower Upper
284 100
142 38.5 27.0 40.4
249 32.4 24.9 37.3





#69

Atrazine

Concen: 3.494 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

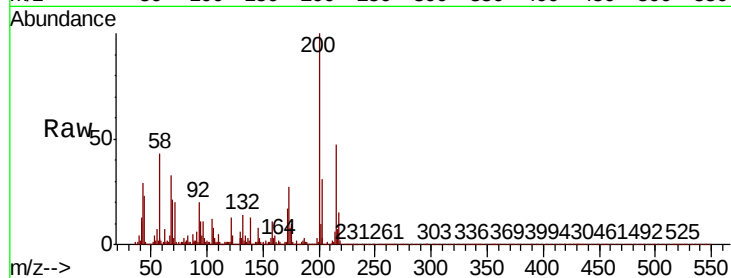
Tot Ion:200 Resp: 60923

Ion Ratio Lower Upper

200 100

173 26.5 8.1 48.1

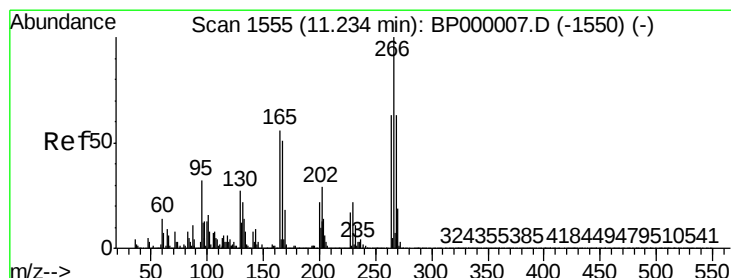
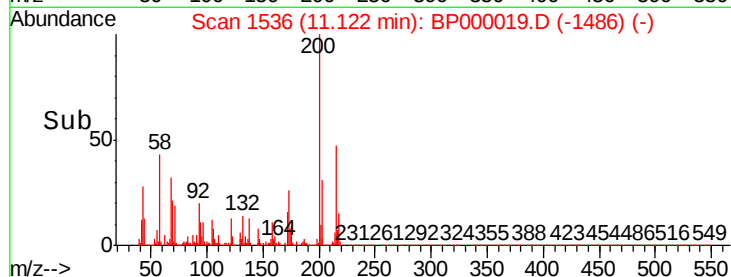
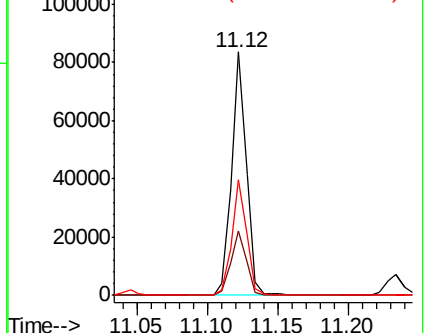
215 47.5 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 2.653 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

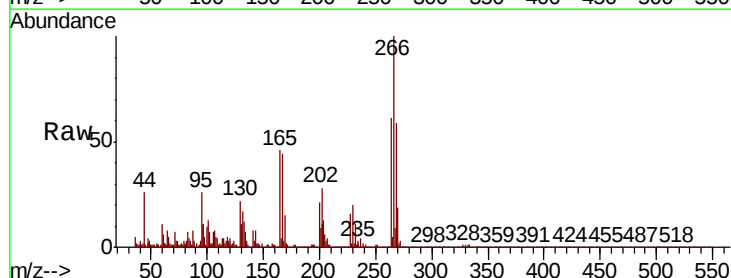
Tgt Ion:266 Resp: 32114

Ion Ratio Lower Upper

266 100

268 58.7 50.1 75.1

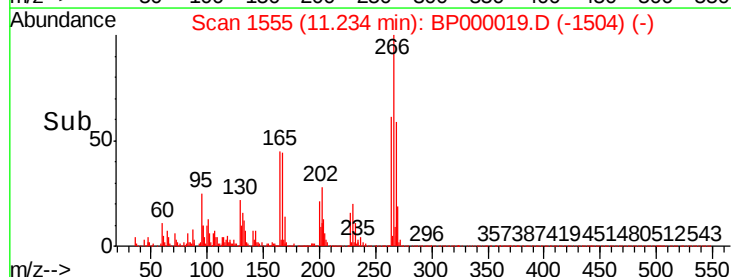
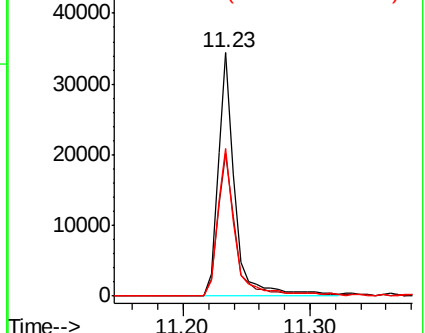
264 60.8 50.6 76.0

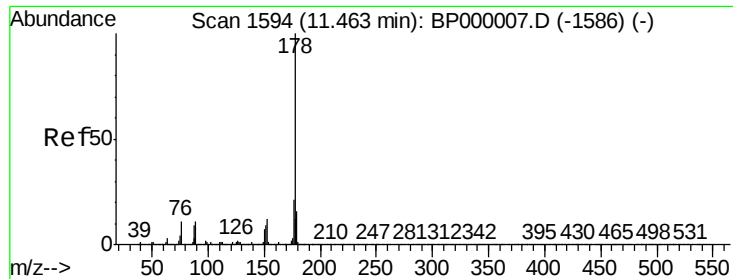


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

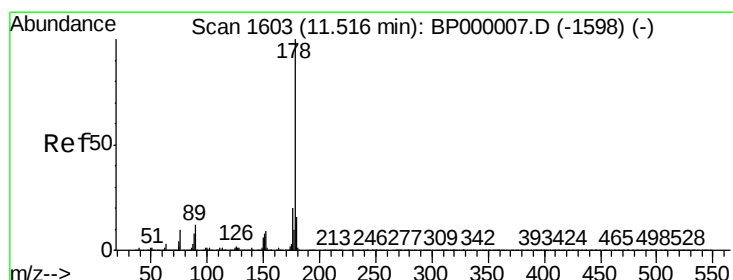
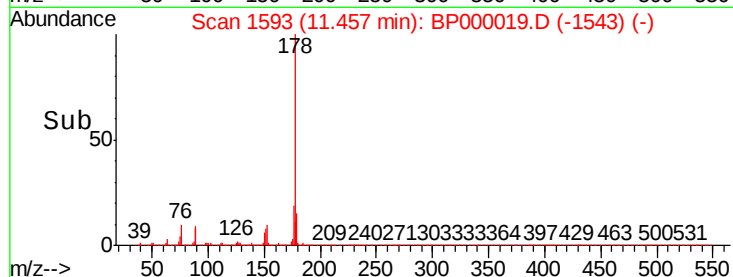
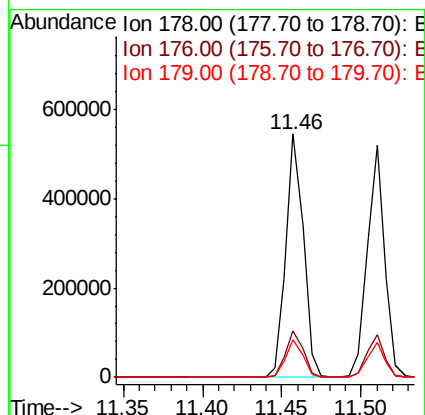
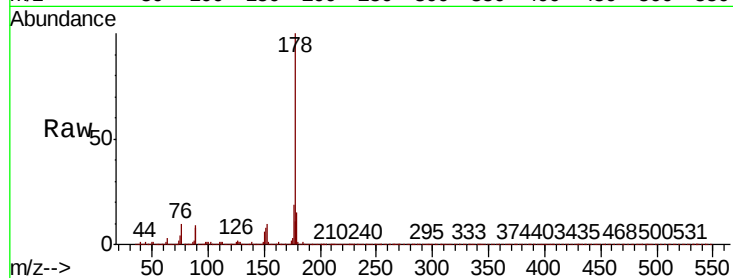




#71
Phenanthrene
Concen: 4.142 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

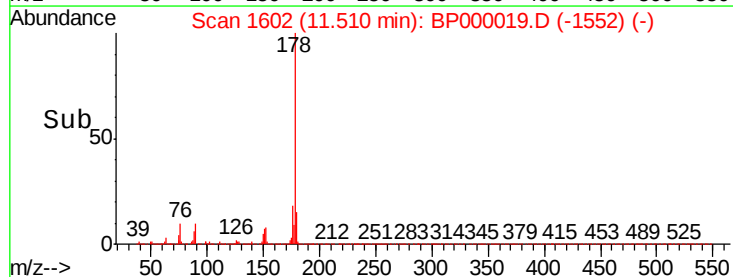
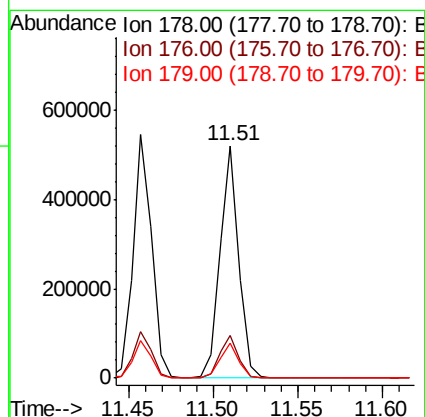
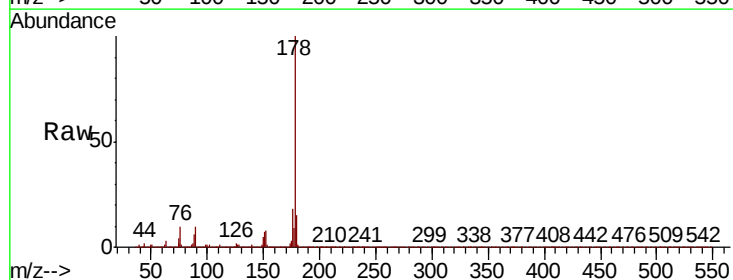
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

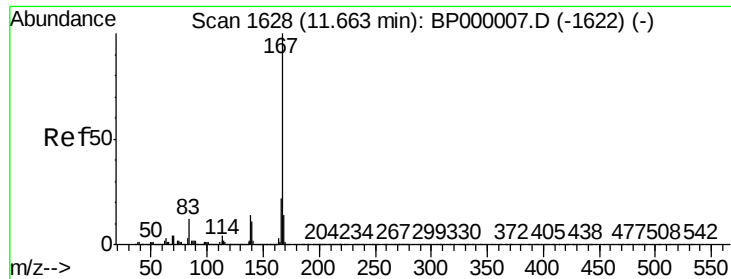
Tot Ion:178 Resp: 416464
Ion Ratio Lower Upper
178 100
176 19.0 16.7 25.1
179 15.3 13.1 19.7



#72
Anthracene
Concen: 4.059 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:178 Resp: 403150
Ion Ratio Lower Upper
178 100
176 18.2 15.9 23.9
179 15.1 13.0 19.6

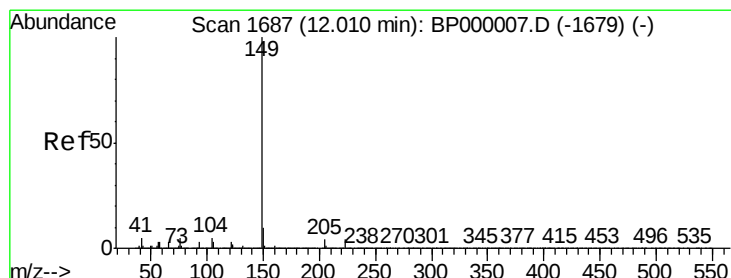
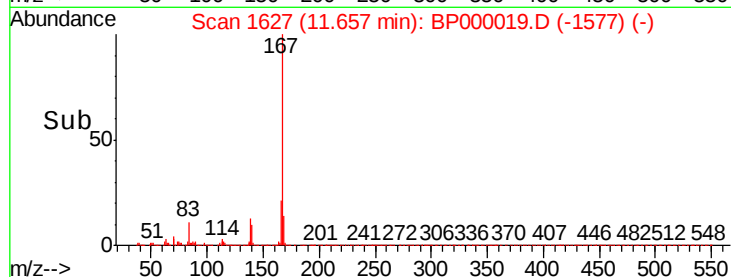
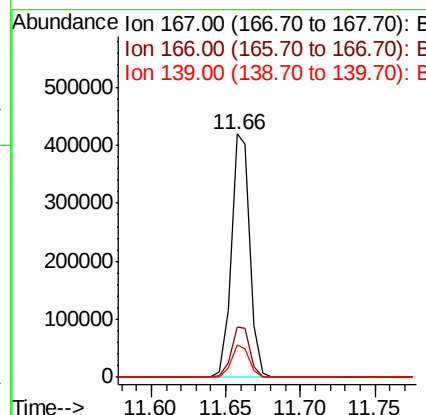
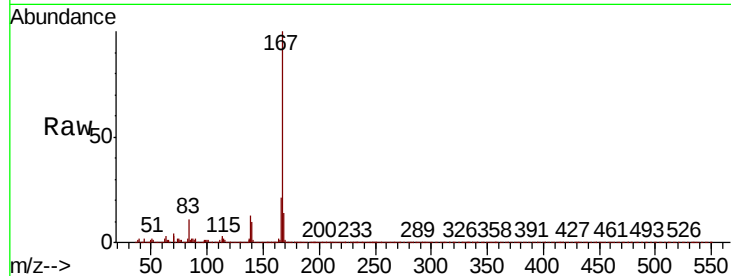




#73
 Carbazole
 Concen: 3.953 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

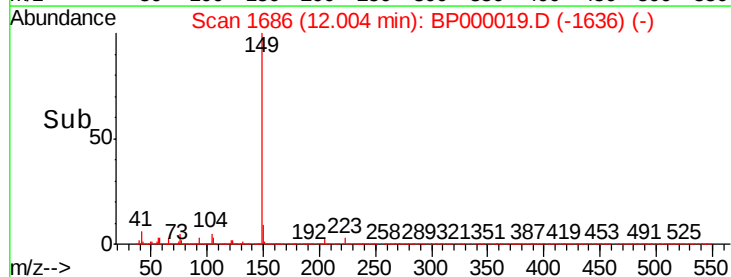
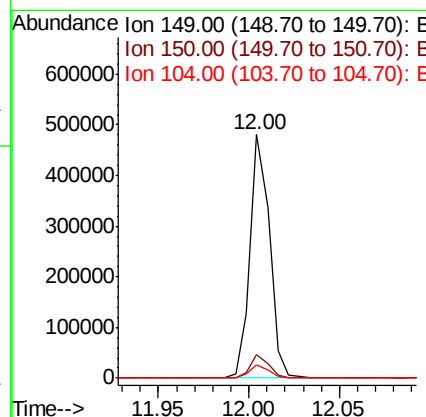
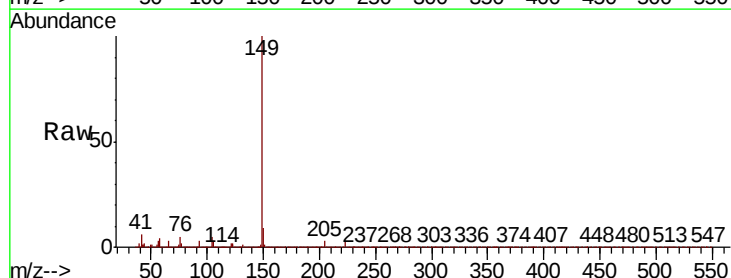
Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-02

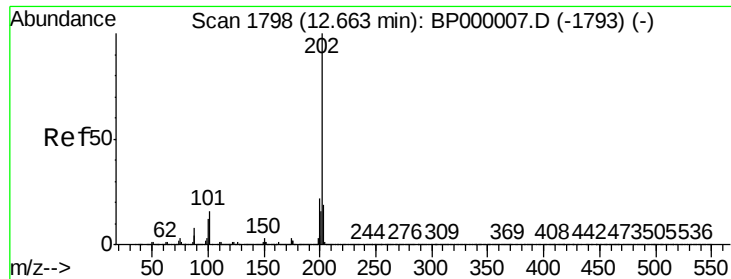
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.9	26.9
139	13.3	11.4	17.2



#74
 Di-n-butylphthalate
 Concen: 3.169 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 3.667 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

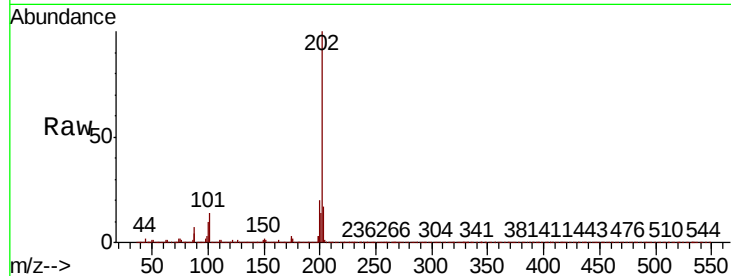
Tot Ion:202 Resp: 400647

Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.4

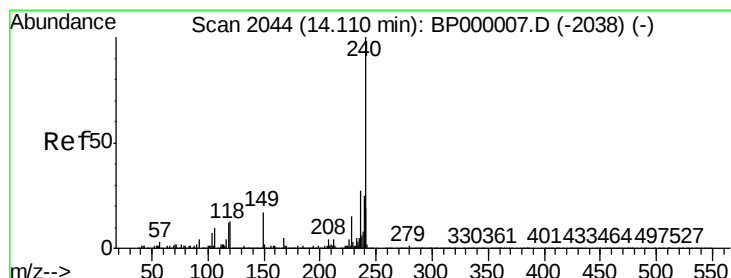
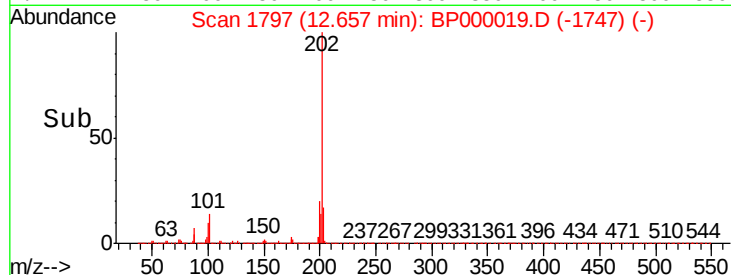
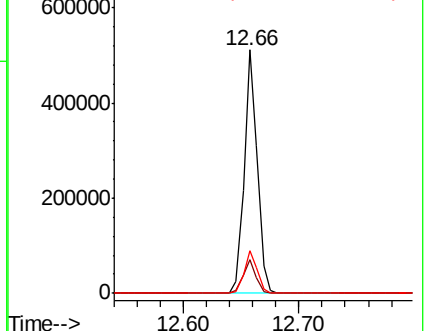
203 17.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

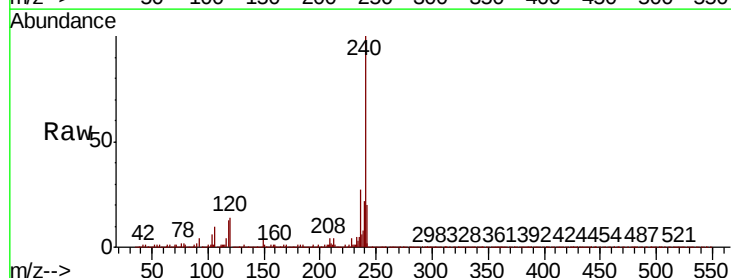
Tgt Ion:240 Resp: 1522288

Ion Ratio Lower Upper

240 100

120 14.4 10.5 15.7

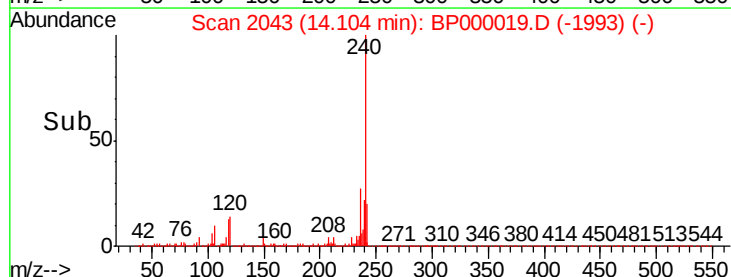
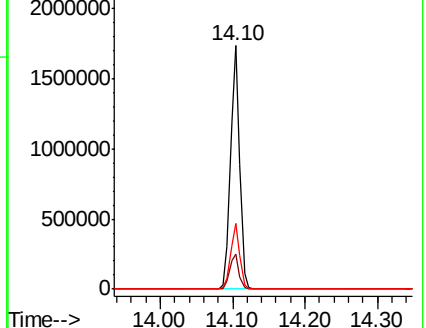
236 26.9 21.5 32.3

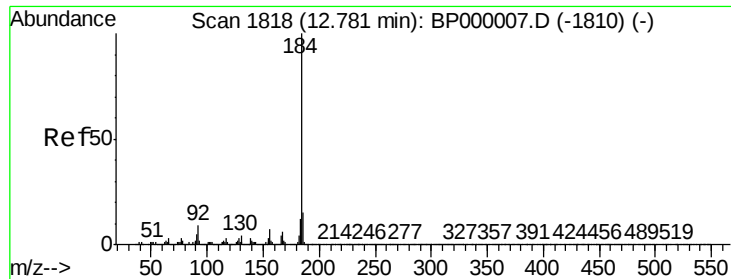


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.929 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

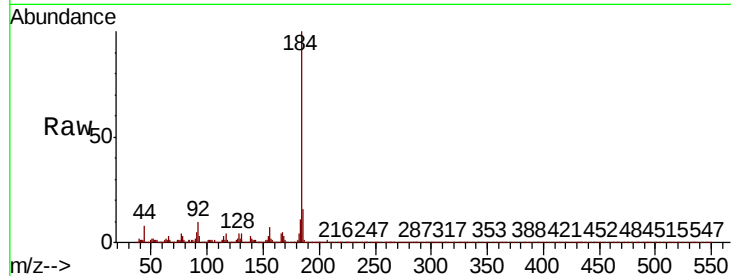
Tot Ion:184 Resp: 153832

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

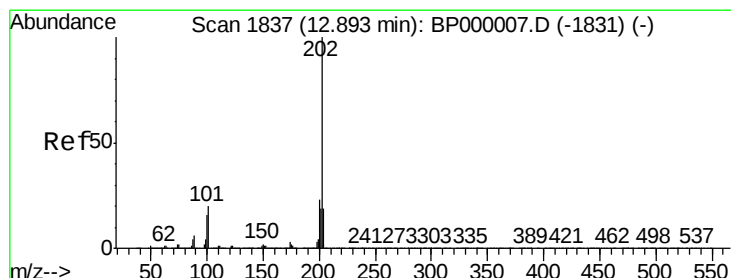
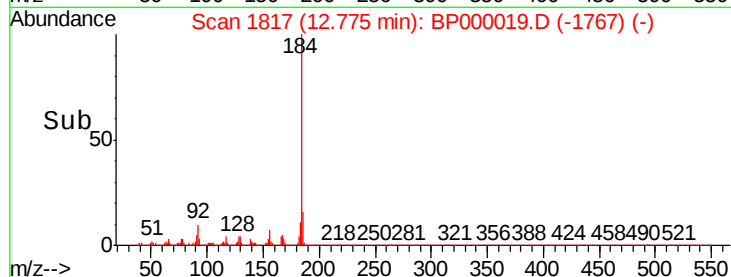
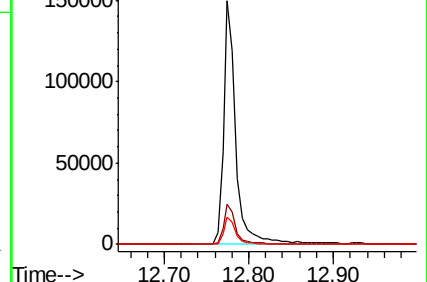
183 11.2 9.4 14.0



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



#78

Pyrene

Concen: 3.786 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

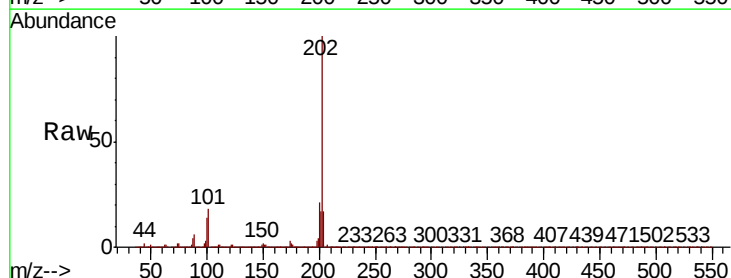
Tgt Ion:202 Resp: 424039

Ion Ratio Lower Upper

202 100

200 20.6 18.5 27.7

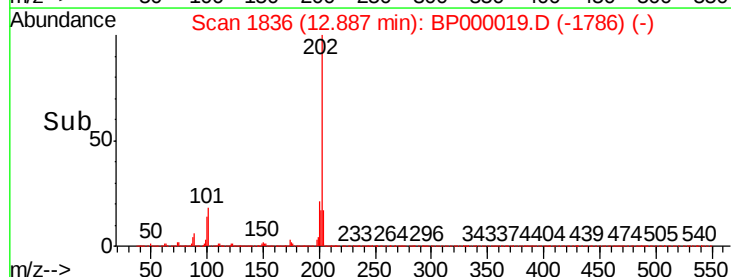
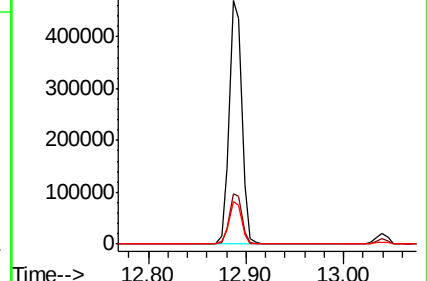
203 17.4 15.1 22.7

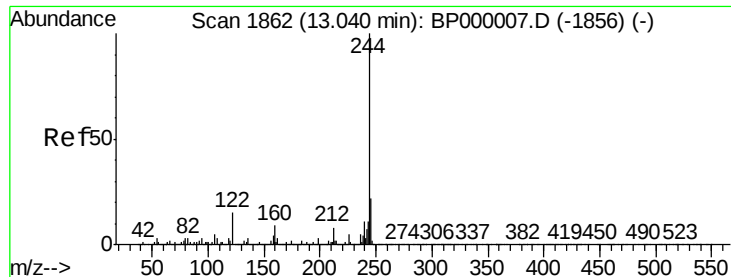


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.397 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

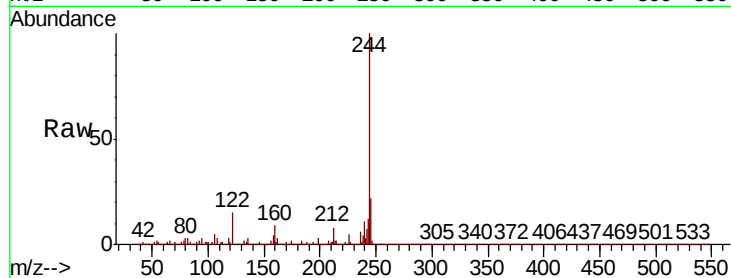
Tot Ion:244 Resp: 4776980

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

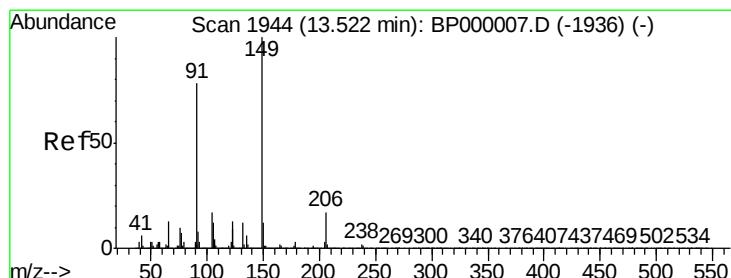
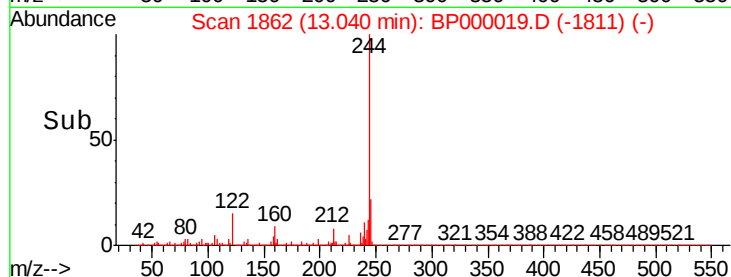
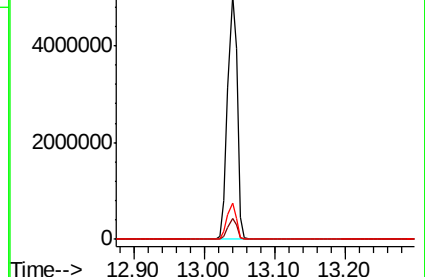
122 14.9 12.3 18.5



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



#80

Butylbenzylphthalate

Concen: 1.787 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

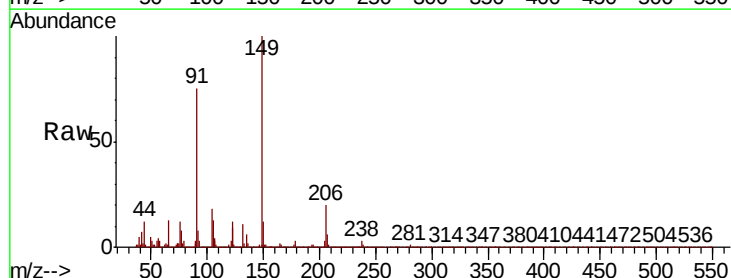
Tgt Ion:149 Resp: 89189

Ion Ratio Lower Upper

149 100

91 75.3 62.7 94.1

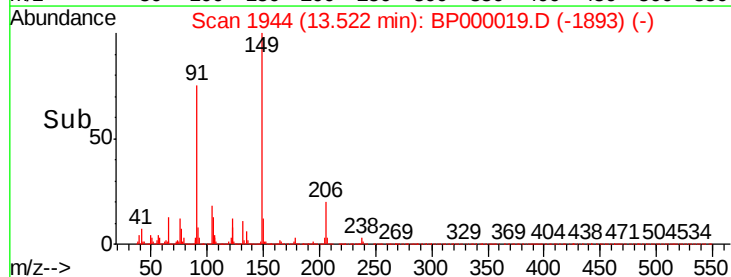
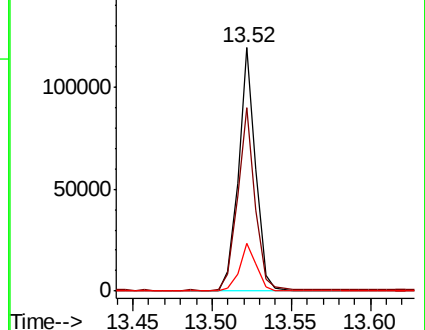
206 19.6 13.8 20.6

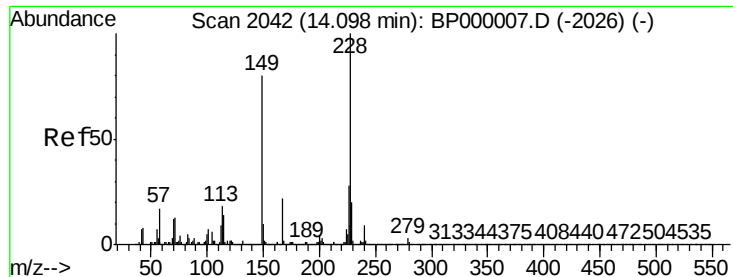


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

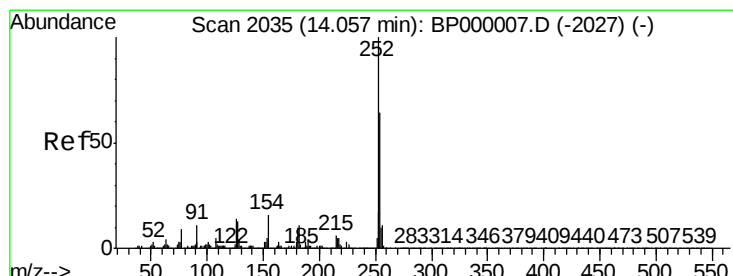
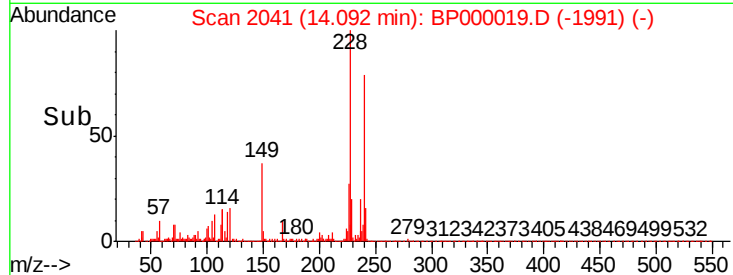
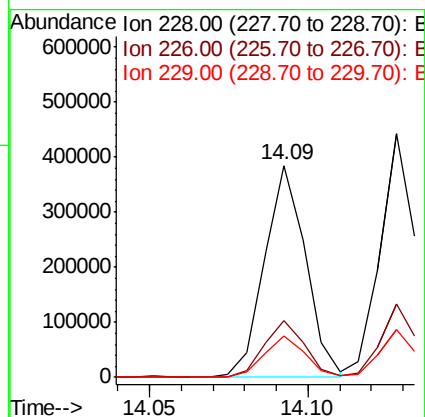
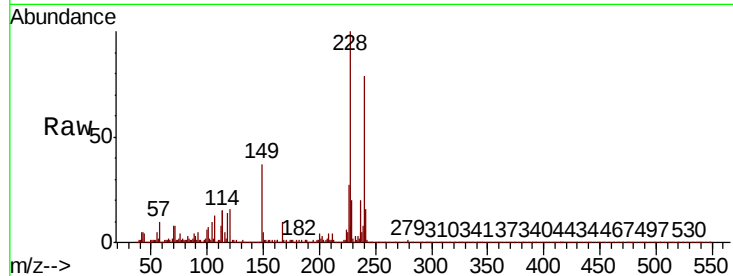




#81
Benzo(a)anthracene
Concen: 3.528 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

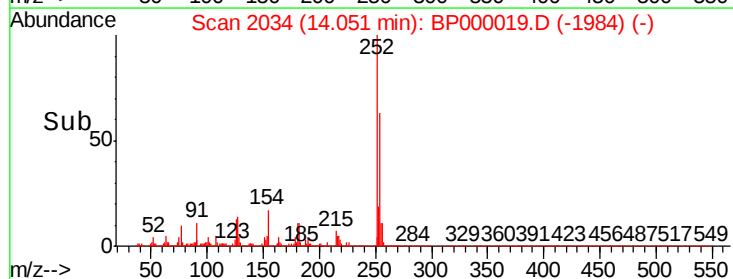
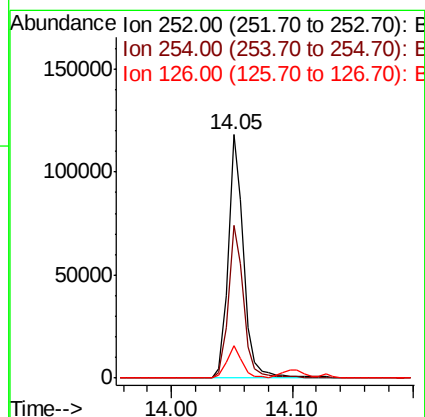
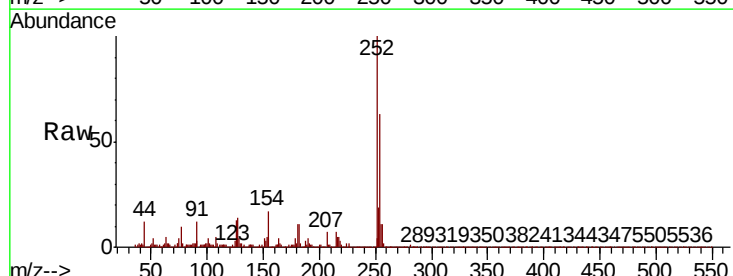
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

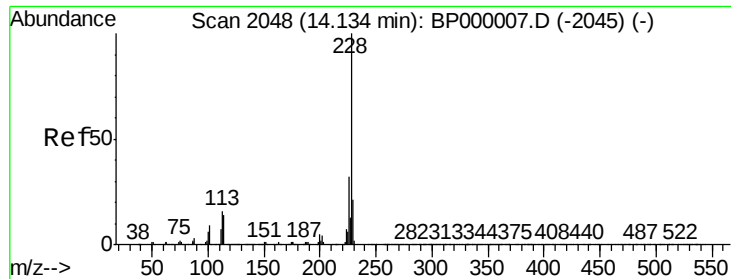
Tot Ion:228 Resp: 348018
Ion Ratio Lower Upper
228 100
226 26.8 22.5 33.7
229 19.6 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 2.862 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion:252 Resp: 104152
Ion Ratio Lower Upper
252 100
254 63.0 51.4 77.0
126 13.5 11.1 16.7





#83

Chrysene

Concen: 3.731 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

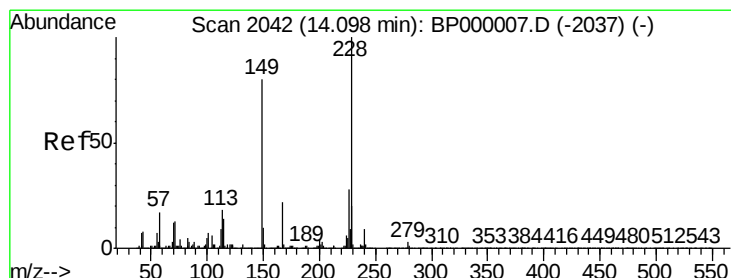
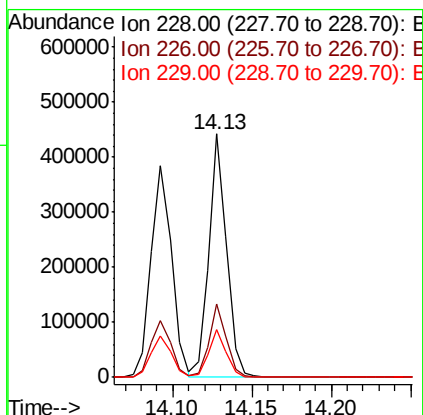
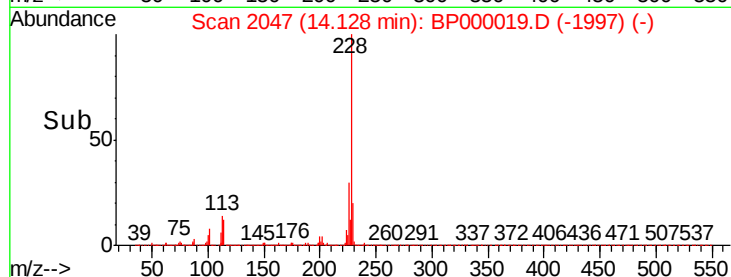
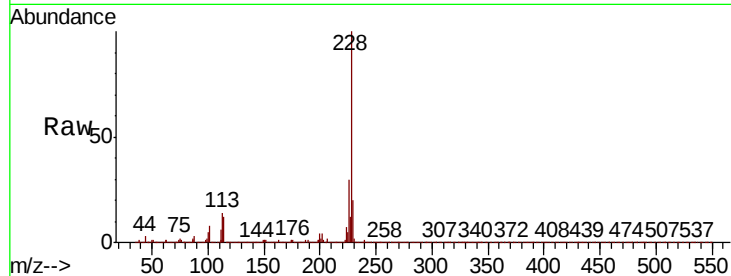
Tot Ion:228 Resp: 348157

Ion Ratio Lower Upper

228 100

226 30.3 25.5 38.3

229 19.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.529 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

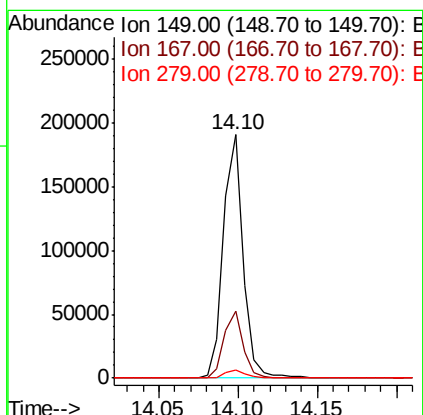
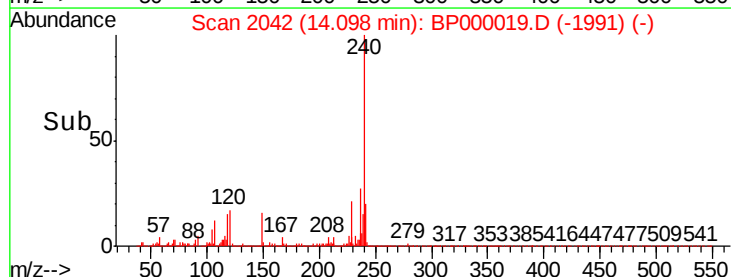
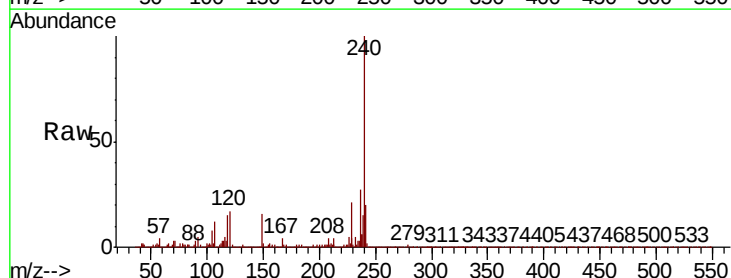
Tgt Ion:149 Resp: 164200

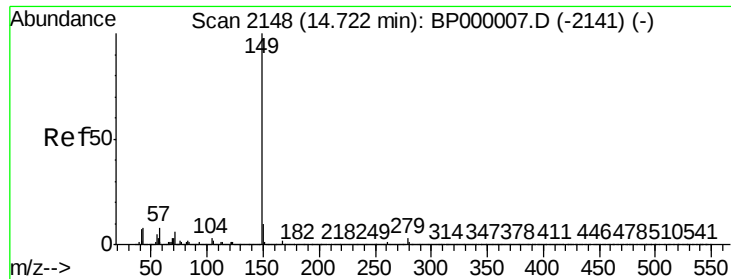
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 1.911 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

BNA_P

ClientSampleId :

MDL-S-02

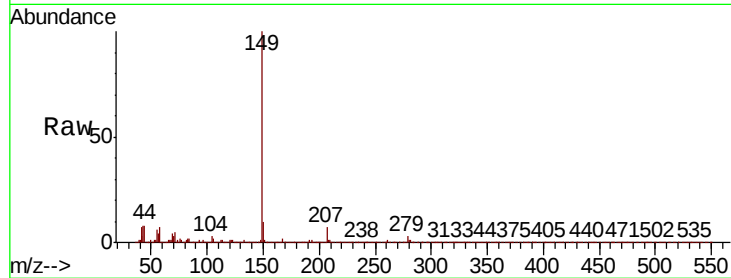
Tot Ion:149 Resp: 218703

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

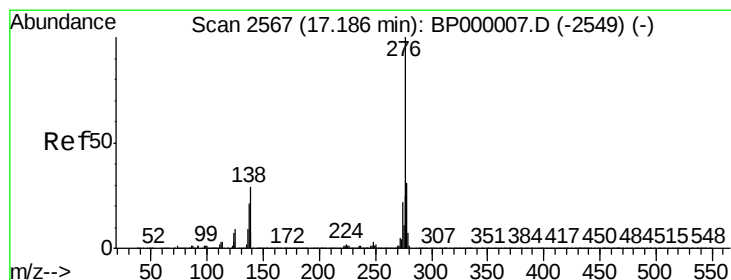
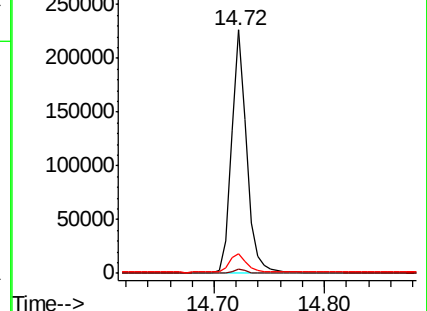
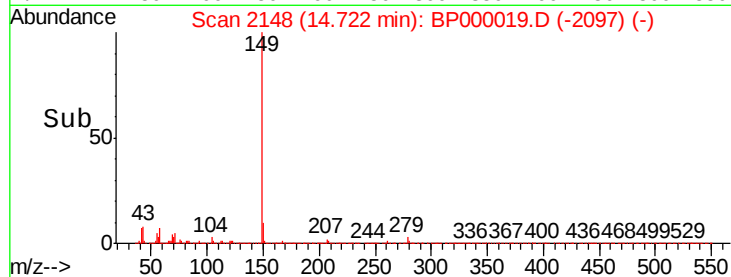
43 8.7 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.653 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

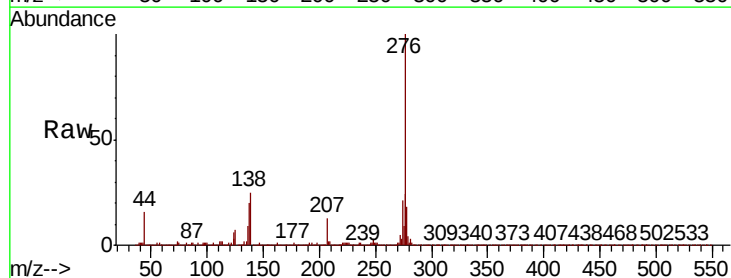
Tgt Ion:276 Resp: 310139

Ion Ratio Lower Upper

276 100

138 31.5 26.5 39.7

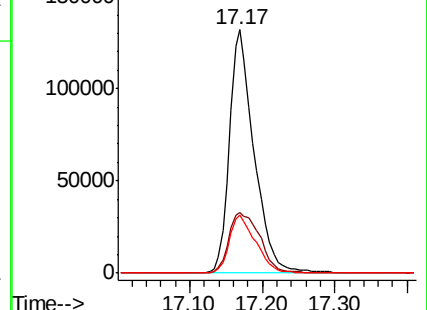
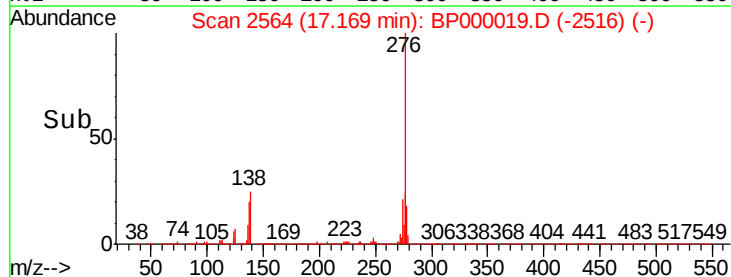
277 25.6 20.3 30.5

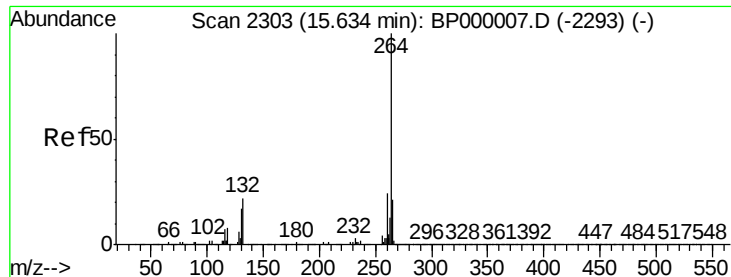


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

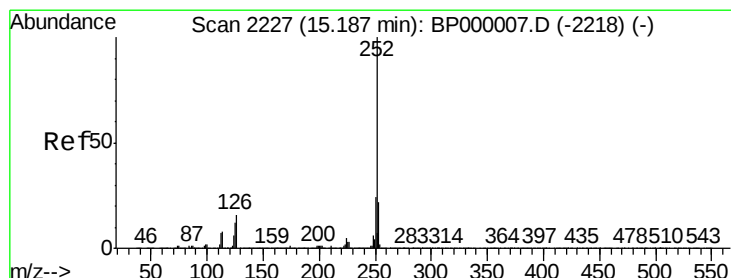
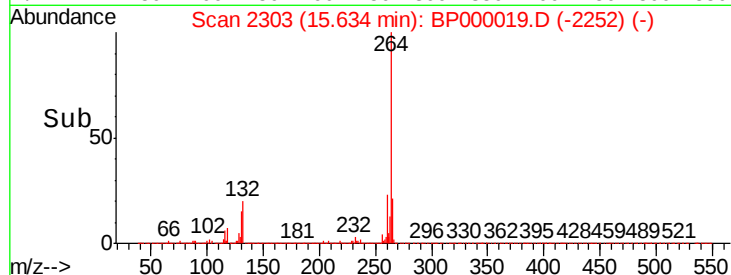
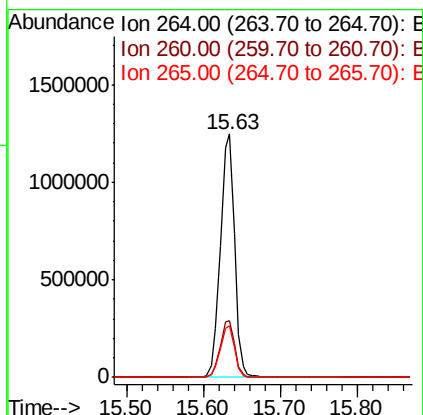
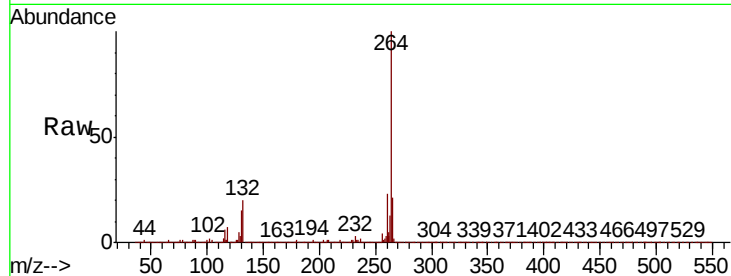




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

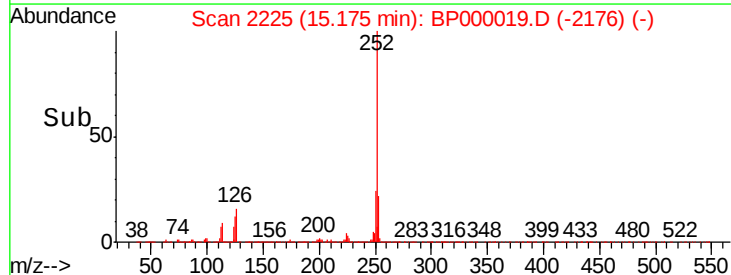
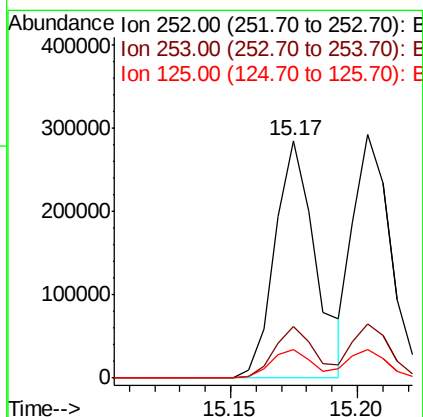
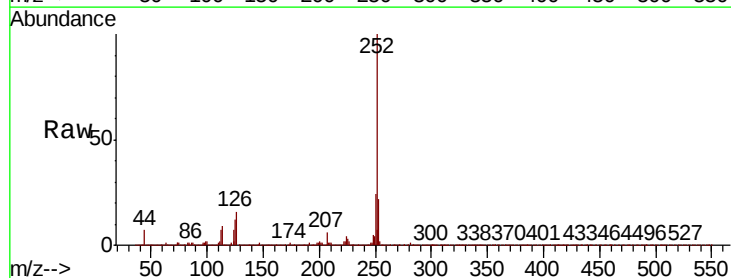
Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-02

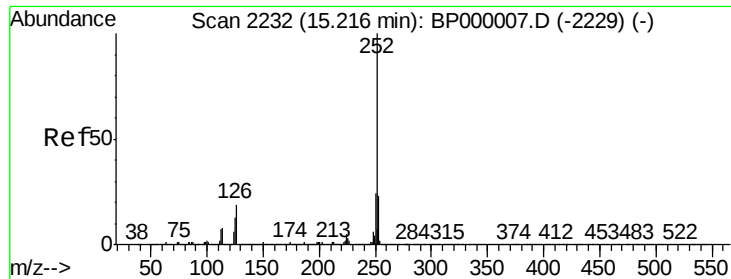
Tot Ion:264 Resp: 1585200
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.0 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 3.282 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:38

Tgt Ion:252 Resp: 317795
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.6
 125 12.1 9.4 14.2

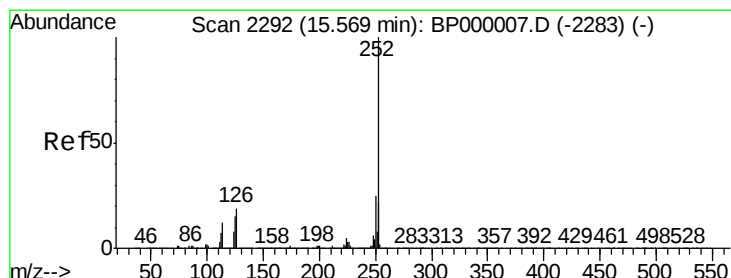
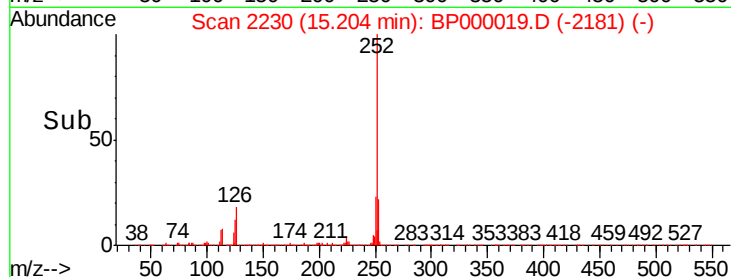
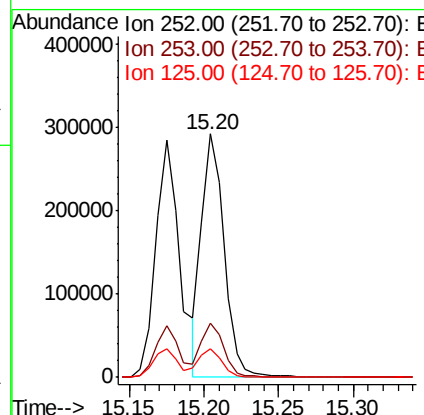
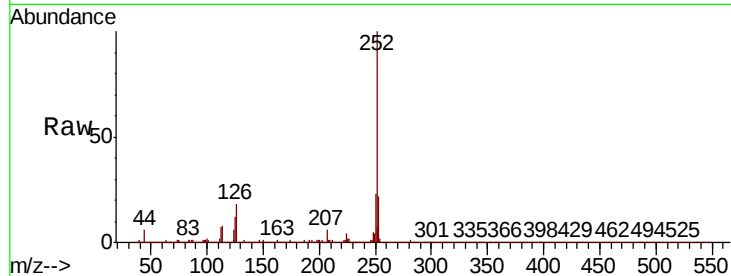




#89
Benzo(k)fluoranthene
Concen: 3.418 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

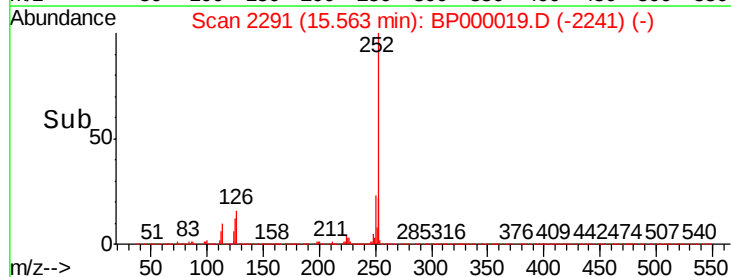
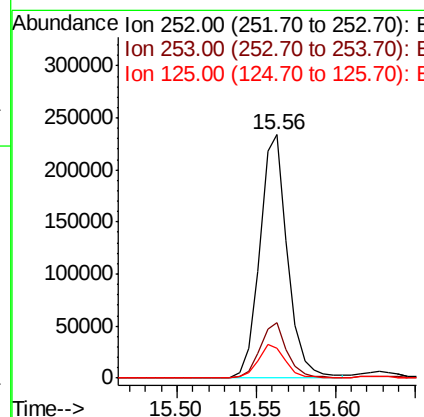
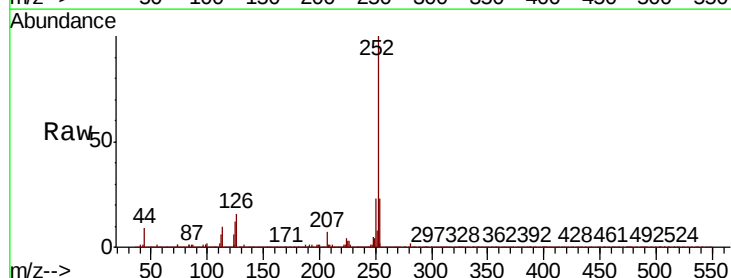
Instrument :
BNA_P
ClientSampleId :
MDL-S-02

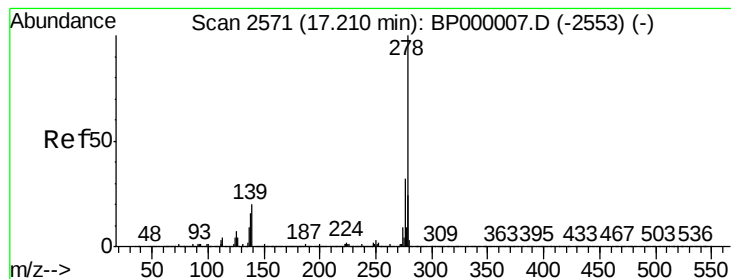
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.8	10.3	15.5



#90
Benzo(a)pyrene
Concen: 3.249 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.3	11.7	17.5





#91

Dibenzo(a,h)anthracene

Concen: 3.047 ng

RT: 17.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Instrument :

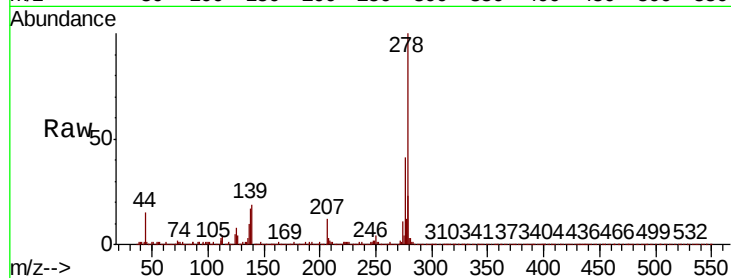
BNA_P

ClientSampleId :

MDL-S-02

Tot Ion:278 Resp: 266358

Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.4	24.6
279	23.1	19.2	28.8

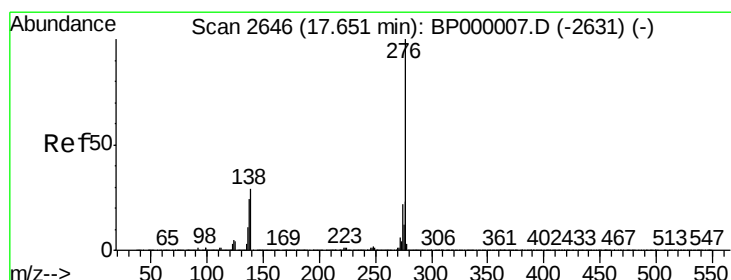
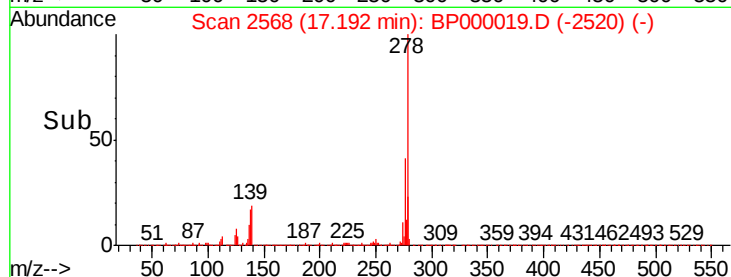
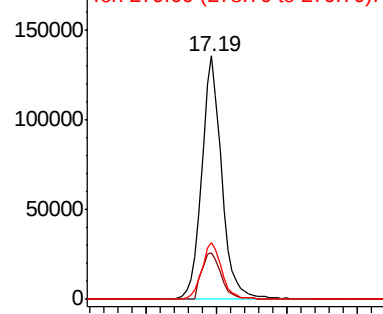


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.020 ng

RT: 17.63 min Scan# 2642

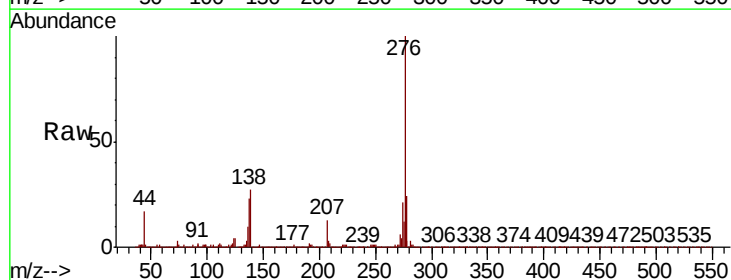
Delta R.T. -0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:38

Tgt Ion:276 Resp: 261304

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.3	23.0	34.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

