

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000681.D
 Acq On : 12 Oct 2019 20:46
 Operator : JU
 Sample : K5298-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:37:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	254417	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	910859	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	497025	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	916915	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	723874	20.00	ng	-0.01
87) Perylene-d12	15.45	264	819148	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1636583	103.40	ng	-0.01
7) Phenol-d6	6.39	99	2120036	111.16	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1185996	79.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	625485	118.10	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2541314	82.73	ng	-0.02
79) Terphenyl-d14	12.90	244	2876372	80.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	207533	32.835	ng	99
3) Pyridine	3.23	79	507358	29.380	ng	100
4) n-Nitrosodimethylamine	3.17	42	173703	35.746	ng	97
6) Aniline	6.41	93	405725	17.510	ng	# 3
8) 2-Chlorophenol	6.54	128	580085	37.136	ng	97
9) Benzaldehyde	6.29	77	319017	32.111	ng	97
10) Phenol	6.40	94	785700	40.235	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	544817	36.263	ng	98
12) 1,3-Dichlorobenzene	6.69	146	654433	34.562	ng	98
13) 1,4-Dichlorobenzene	6.77	146	663948	34.847	ng	97
14) 1,2-Dichlorobenzene	6.92	146	614954	34.958	ng	100
15) Benzyl Alcohol	6.89	79	455298	36.964	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	497726	35.915	ng	100
17) 2-Methylphenol	7.01	107	485429	37.603	ng	98
18) Hexachloroethane	7.26	117	232192	34.240	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	321704	36.593	ng	99
20) 3+4-Methylphenols	7.16	107	588349	38.949	ng	# 81
22) Acetophenone	7.16	105	777995	36.965	ng	98
24) Nitrobenzene	7.33	77	556045	38.658	ng	96
25) Isophorone	7.57	82	1019521	38.518	ng	97
26) 2-Nitrophenol	7.65	139	312446	41.306	ng	94
27) 2,4-Dimethylphenol	7.69	122	493820	42.589	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	675015	37.527	ng	99
29) 2,4-Dichlorophenol	7.89	162	520797	39.724	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	570550	37.055	ng	99
31) Naphthalene	8.06	128	1659342	39.006	ng	99
32) Benzoic acid	7.82	122	260725	35.611	ng	99
33) 4-Chloroaniline	8.10	127	192923	10.329	ng	100
34) Hexachlorobutadiene	8.18	225	330808	35.551	ng	98
35) Caprolactam	8.47	113	112818	25.692	ng	93
36) 4-Chloro-3-methylphenol	8.60	107	510765	39.777	ng	100
37) 2-Methylnaphthalene	8.75	142	1144627	40.081	ng	99
38) 1-Methylnaphthalene	8.85	142	1061842	39.351	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	573232	36.438	ng	99

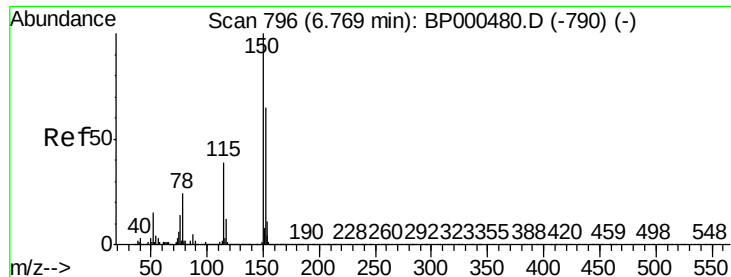
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	379611	62.083	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	359360	37.109	ng	98
44) 2,4,5-Trichlorophenol	9.08	196	389230	38.929	ng	98
46) 1,1'-Biphenyl	9.22	154	1402215	37.376	ng	98
47) 2-Chloronaphthalene	9.24	162	1095163	37.751	ng	98
48) 2-Nitroaniline	9.33	65	266675	37.969	ng	98
49) Acenaphthylene	9.66	152	1730041	39.528	ng	99
50) Dimethylphthalate	9.52	163	1672855	48.438	ng	99
51) 2,6-Dinitrotoluene	9.58	165	295813	39.278	ng	95
52) Acenaphthene	9.83	154	985947	37.136	ng	99
53) 3-Nitroaniline	9.75	138	121570	14.088	ng	97
54) 2,4-Dinitrophenol	9.86	184	208684	83.039	ng	97
55) Dibenzofuran	10.00	168	1549886	39.052	ng	100
56) 4-Nitrophenol	9.93	139	415342	75.387	ng	95
57) 2,4-Dinitrotoluene	9.99	165	390153	39.071	ng	96
58) Fluorene	10.35	166	1166321	41.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	322842	38.196	ng	98
60) Diethylphthalate	10.23	149	1234368	37.652	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	606229	39.856	ng	99
62) 4-Nitroaniline	10.37	138	297630	35.861	ng	99
63) Azobenzene	10.50	77	1046202	41.565	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	175057	43.068	ng	98
66) n-Nitrosodiphenylamine	10.46	169	1077228	40.338	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	390343	37.819	ng	98
68) Hexachlorobenzene	10.91	284	423211	36.082	ng	98
69) Atrazine	11.00	200	338156	38.586	ng	99
70) Pentachlorophenol	11.10	266	363096	77.075	ng	96
71) Phenanthrene	11.32	178	1803232	39.158	ng	99
72) Anthracene	11.38	178	1838419	40.264	ng	100
73) Carbazole	11.53	167	1678992	39.668	ng	98
74) Di-n-butylphthalate	11.87	149	1989657	38.589	ng	100
75) Fluoranthene	12.52	202	2011548	38.894	ng	99
77) Benzidine	12.65	184	750799	35.818	ng	98
78) Pyrene	12.76	202	2031176	40.684	ng	99
80) Butylbenzylphthalate	13.39	149	859850	39.524	ng	98
81) Benzo(a)anthracene	13.96	228	1723399	39.020	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	419875	23.934	ng	97
83) Chrysene	14.00	228	1720732	39.694	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1085483	39.672	ng	98
85) Di-n-octyl phthalate	14.57	149	2021933	40.770	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2017026	37.249	ng	99
88) Benzo(b)fluoranthene	15.02	252	1840504	39.604	ng	98
89) Benzo(k)fluoranthene	15.05	252	1745257	39.446	ng	98
90) Benzo(a)pyrene	15.39	252	1779477	41.076	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1657033	39.438	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1692203	39.635	ng	98

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

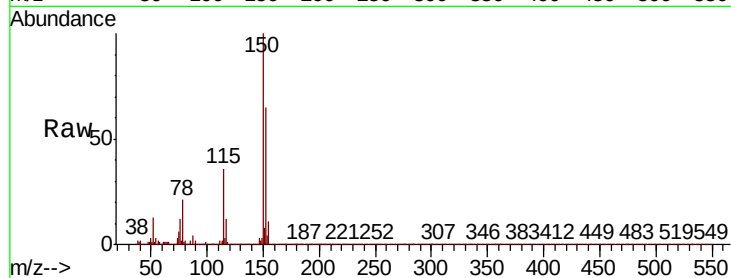


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	55.2	48.7	73.1

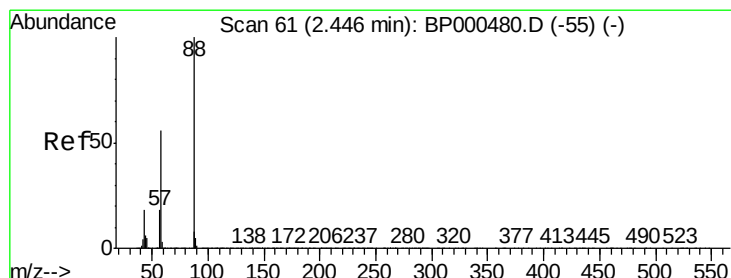
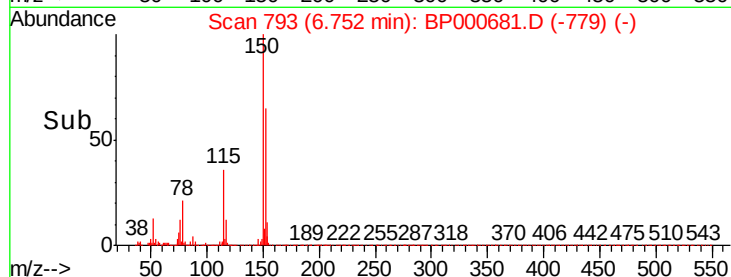
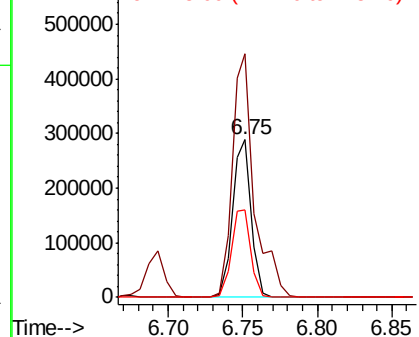


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

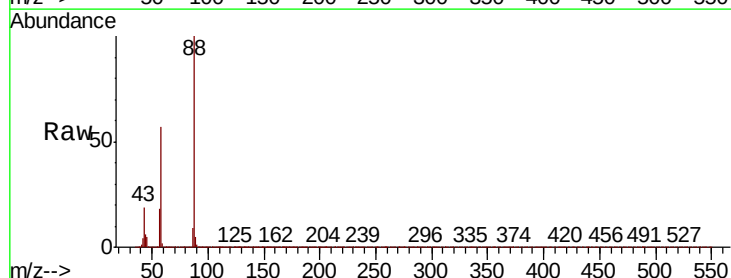
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.835 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.05 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	45.3	67.9
43	18.4	14.5	21.7

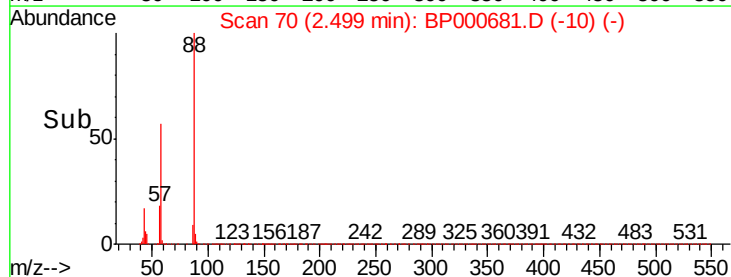
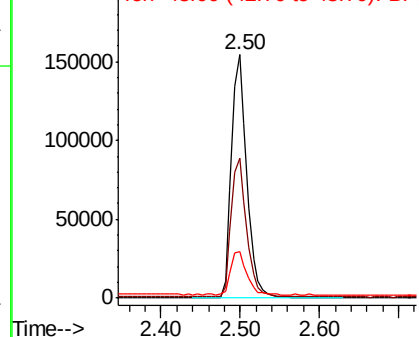


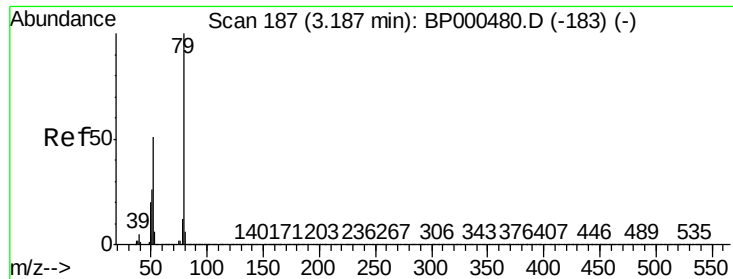
Abundance

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: 29.380 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BP000681.D

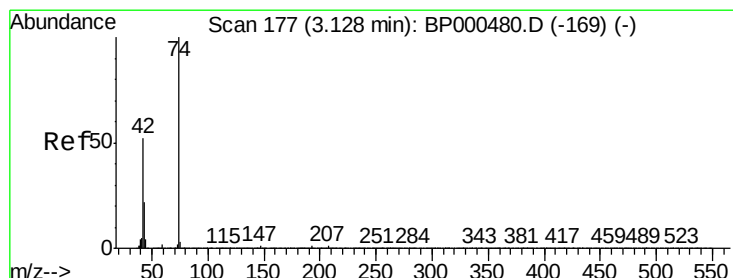
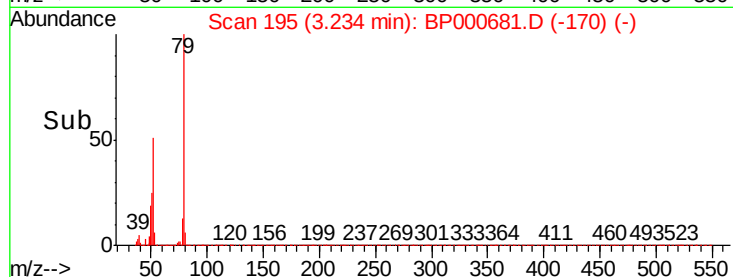
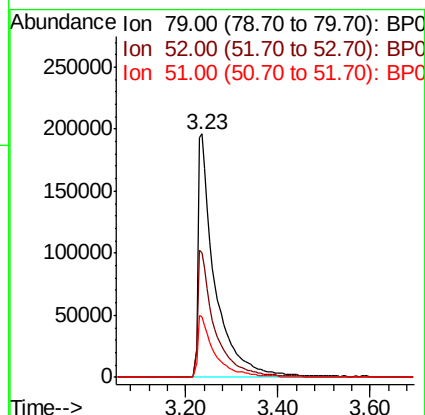
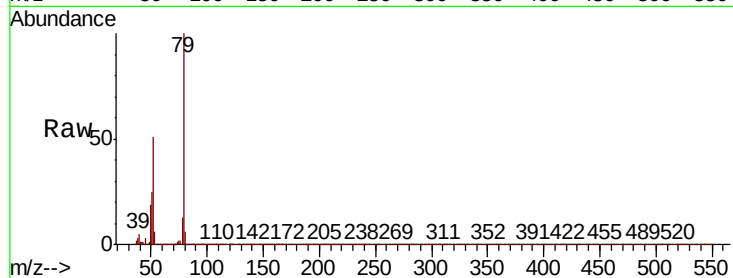
Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

Tot Ion:	79	Resp:	507358
Ion	Ratio	Lower	Upper
79	100		
52	50.9	40.7	61.1
51	25.1	20.5	30.7



#4

n-Nitrosodimethylamine

Concen: 35.746 ng

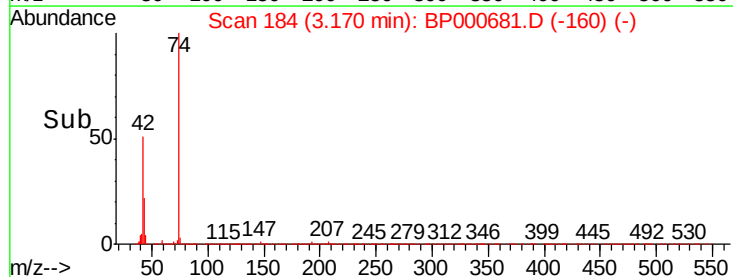
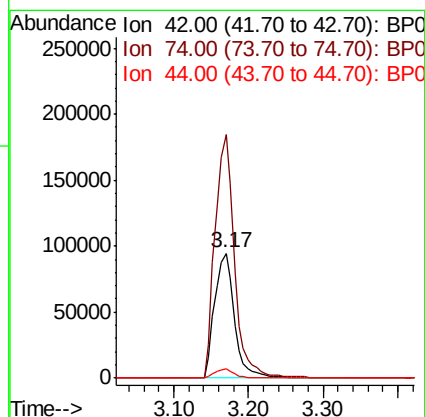
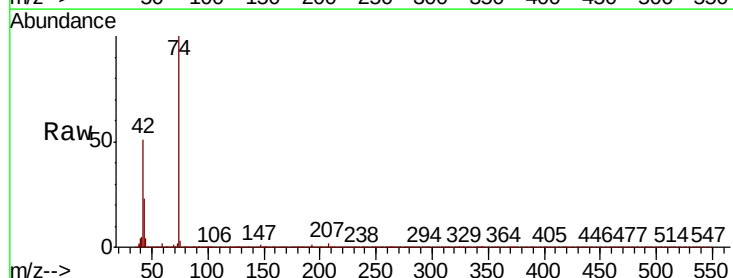
RT: 3.17 min Scan# 184

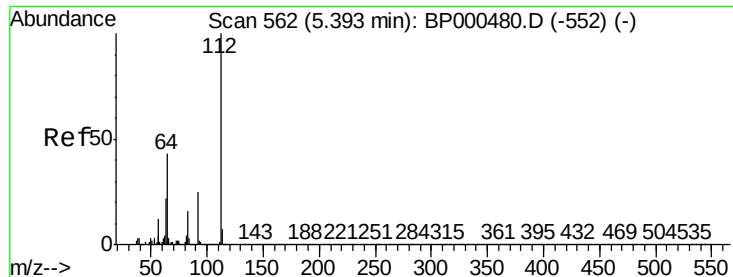
Delta R.T. 0.04 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	42	Resp:	173703
Ion	Ratio	Lower	Upper
42	100		
74	194.5	152.4	228.6
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 103.402 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

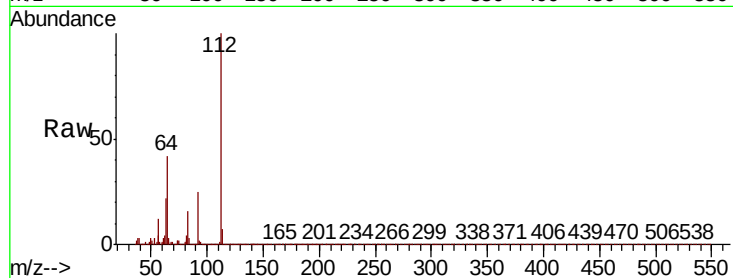
Tot Ion:112 Resp: 1636583

Ion Ratio Lower Upper

112 100

64 42.0 34.2 51.4

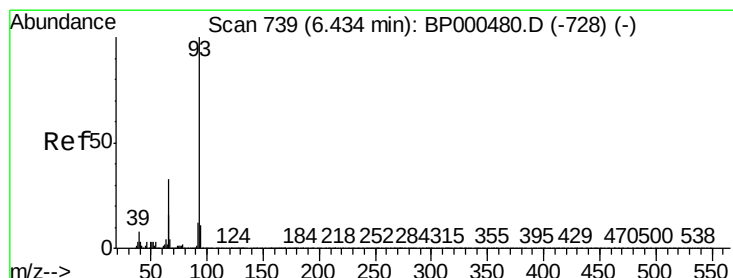
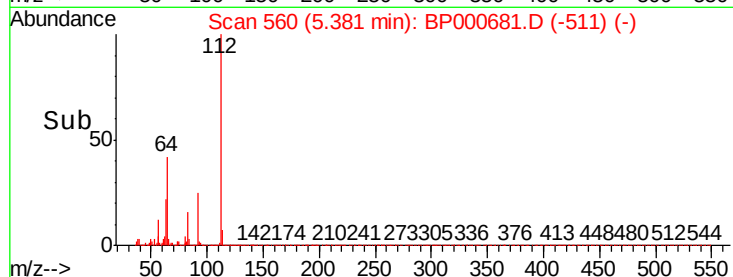
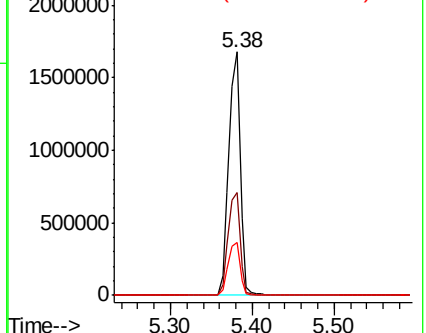
63 21.6 17.9 26.9



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: 17.510 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

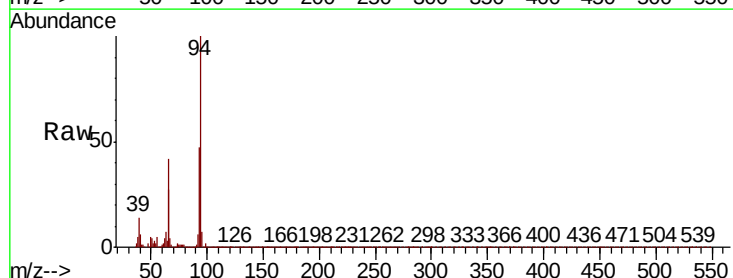
Tgt Ion: 93 Resp: 405725

Ion Ratio Lower Upper

93 100

66 87.7 26.3 39.5#

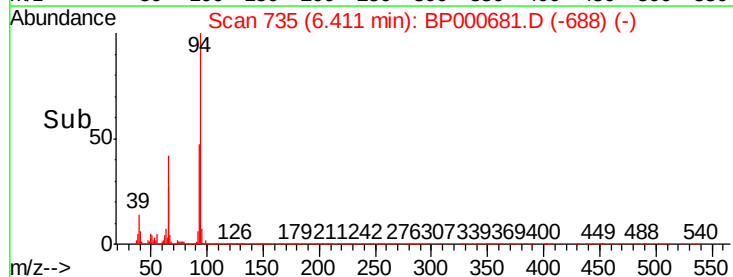
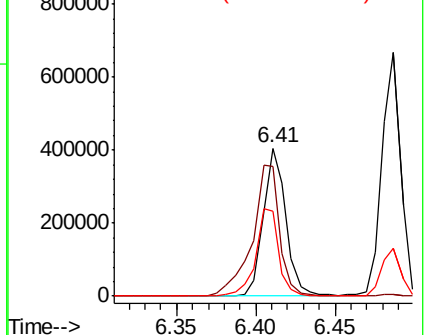
65 57.6 13.2 19.8#

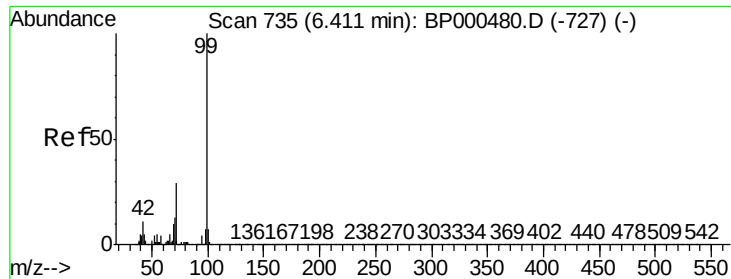


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 111.155 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

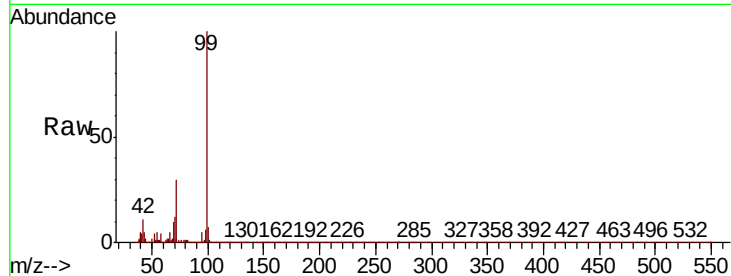
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2120036

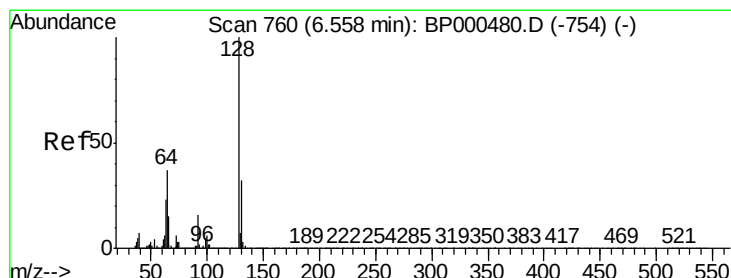
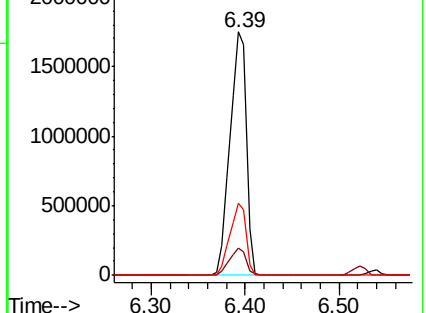
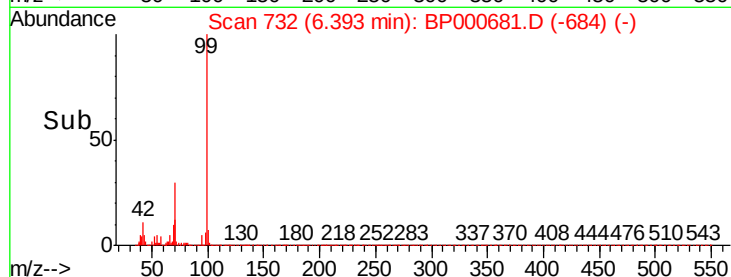
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	29.8	23.0	34.4



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: 37.136 ng

RT: 6.54 min Scan# 757

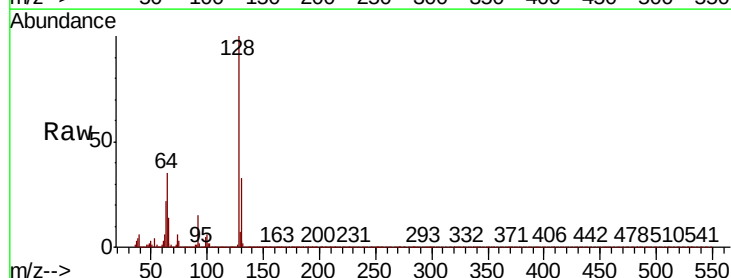
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion: 128 Resp: 580085

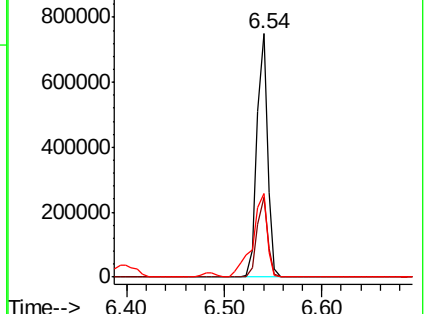
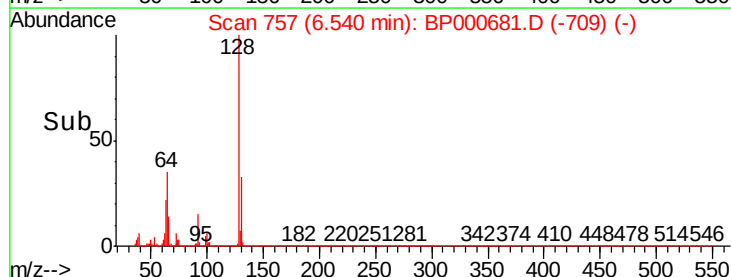
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.2	52.2
64	34.5	17.2	57.2

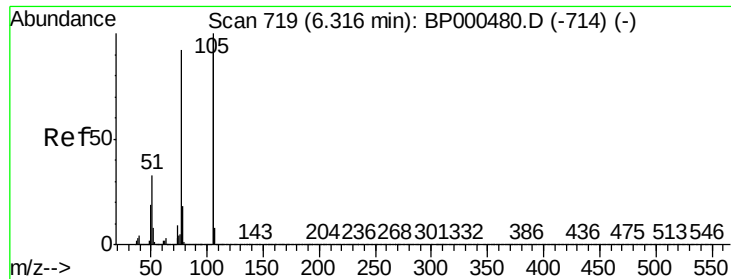


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 32.111 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

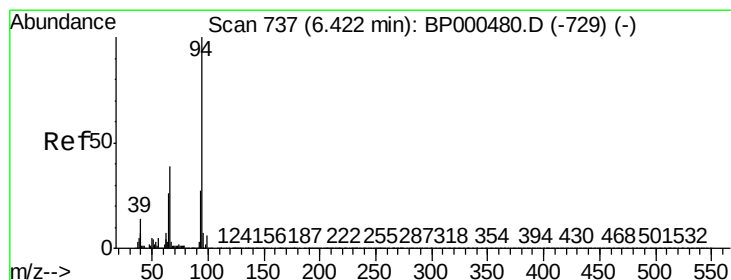
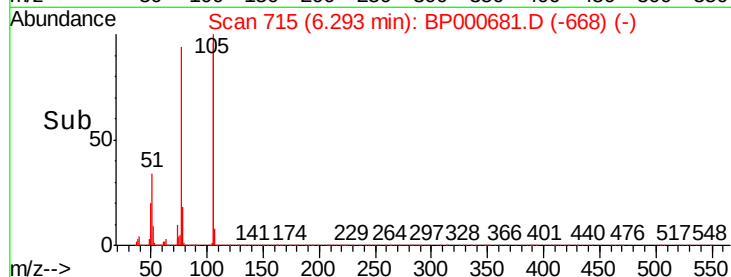
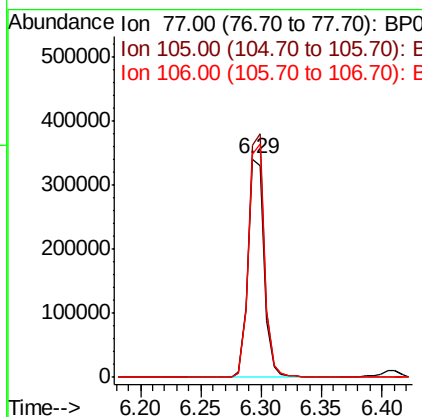
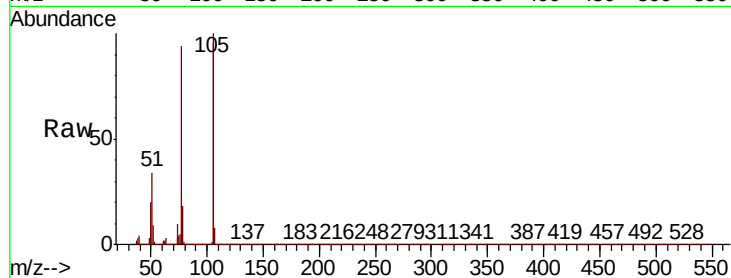
Tot Ion: 77 Resp: 319017

Ion Ratio Lower Upper

77 100

105 106.2 88.3 128.3

106 102.0 85.7 125.7



#10

Phenol

Concen: 40.235 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

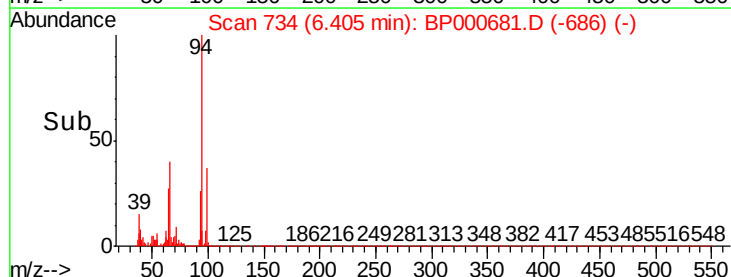
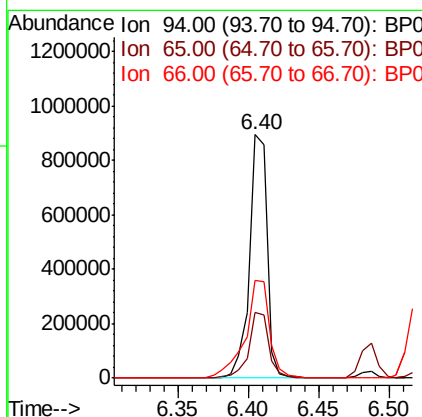
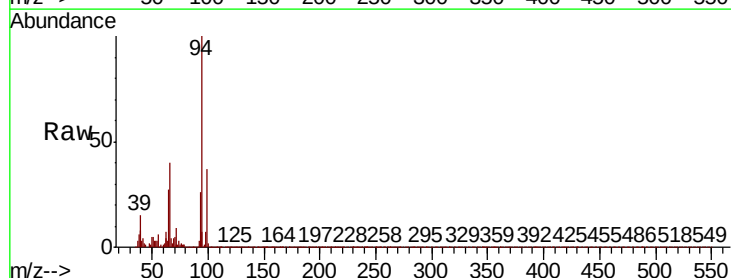
Tgt Ion: 94 Resp: 785700

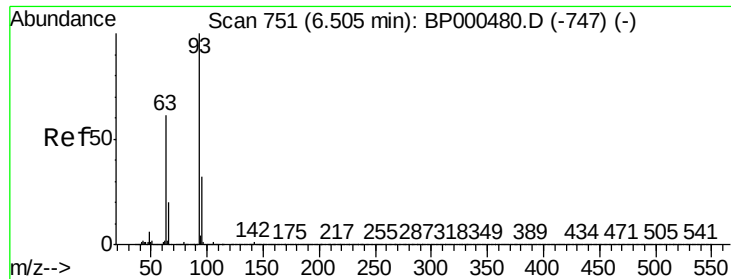
Ion Ratio Lower Upper

94 100

65 26.9 5.9 45.9

66 40.3 18.8 58.8

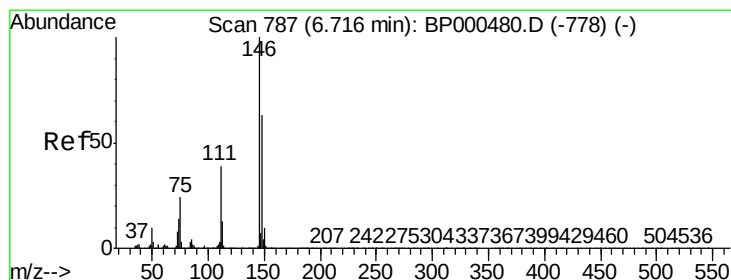
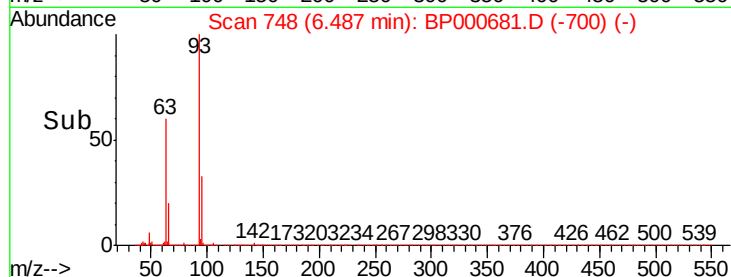
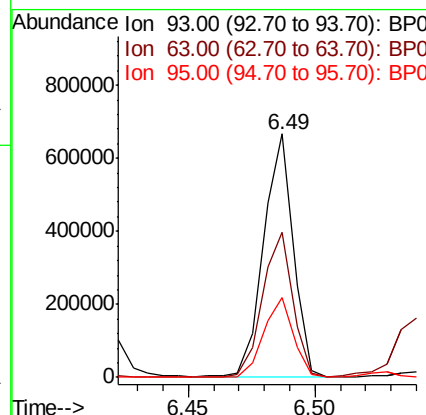
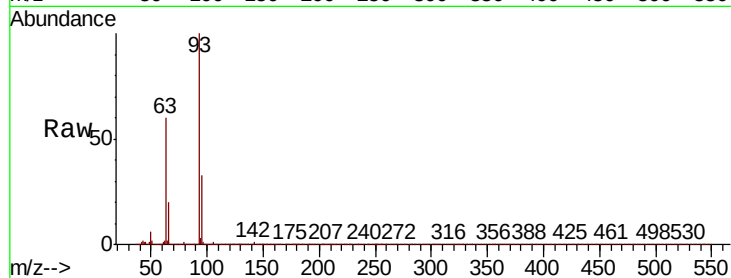




#11
bis(2-Chloroethyl)ether
Concen: 36.263 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

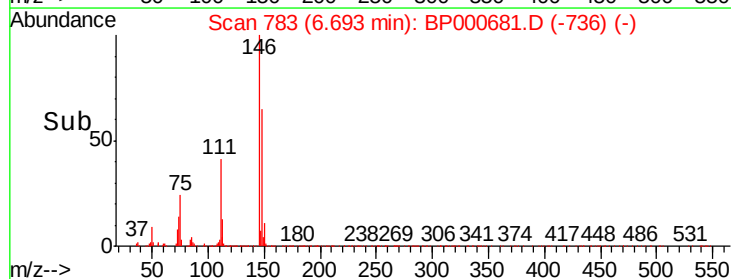
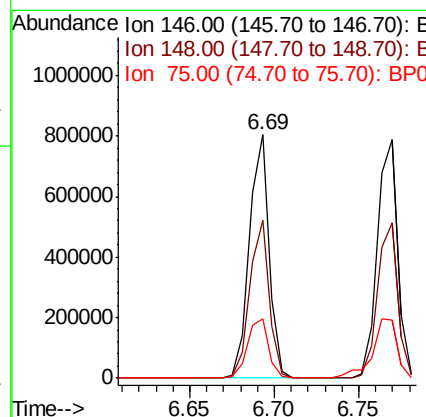
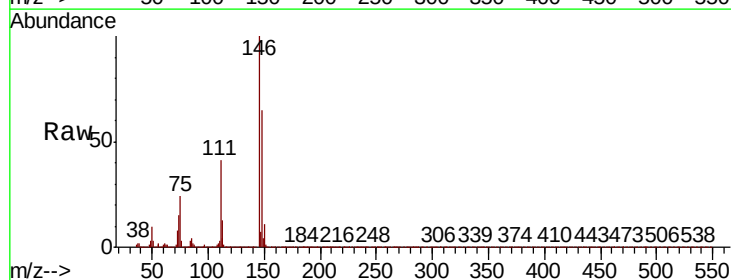
Instrument :
BNA_P
ClientSampled :

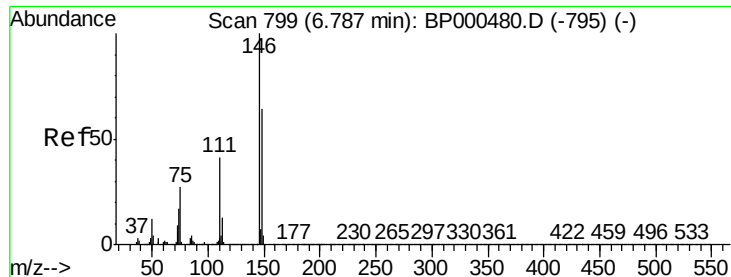
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.8	41.1	81.1
95	33.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 34.562 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
75	24.5	19.1	28.7

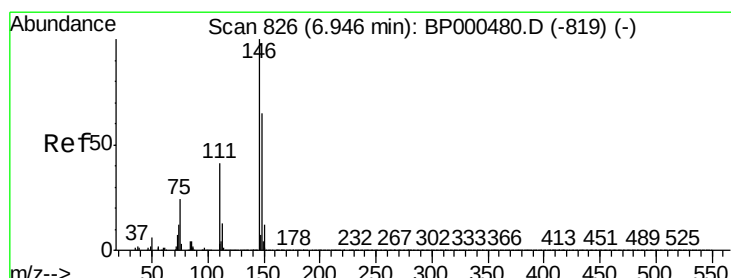
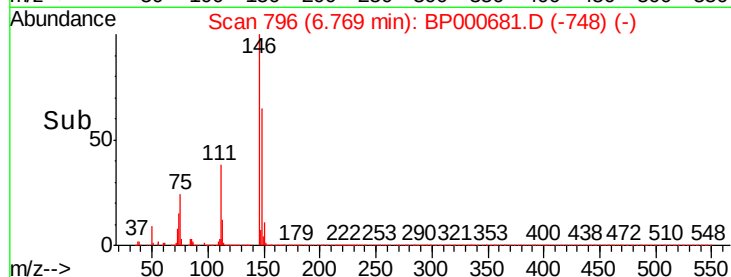
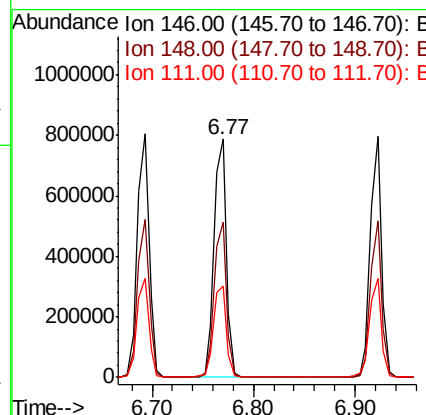
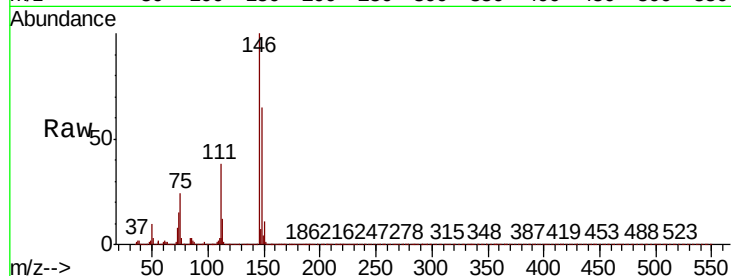




#13
1,4-Dichlorobenzene
Concen: 34.847 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

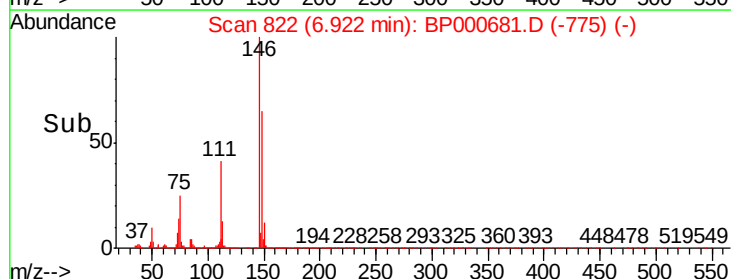
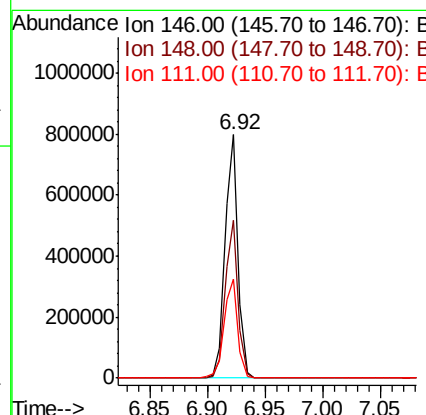
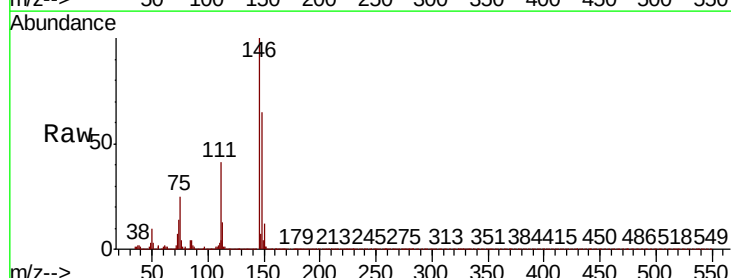
Instrument :
BNA_P
ClientSampleId :

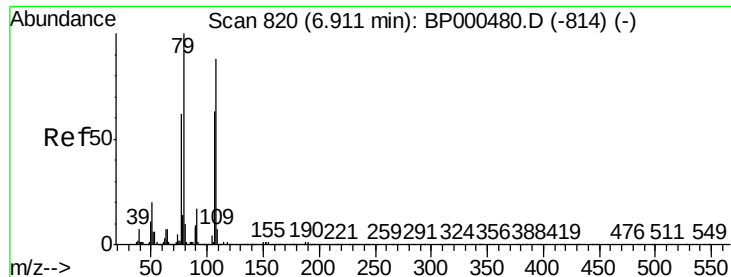
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	38.4	33.0	49.4



#14
1,2-Dichlorobenzene
Concen: 34.958 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	40.8	32.8	49.2





#15

Benzyl Alcohol

Concen: 36.964 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

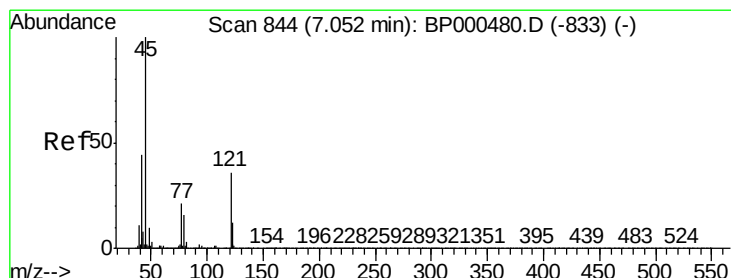
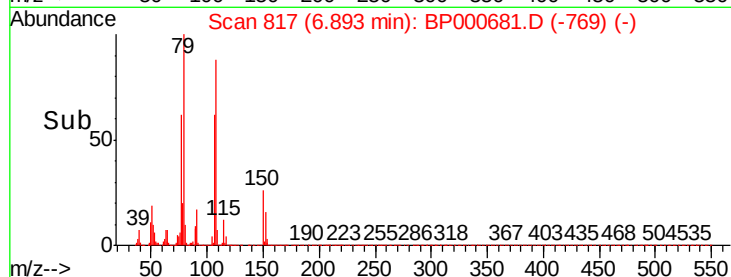
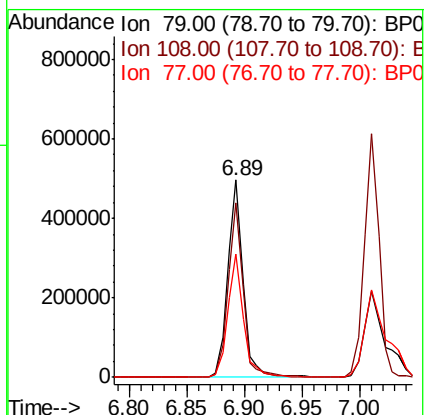
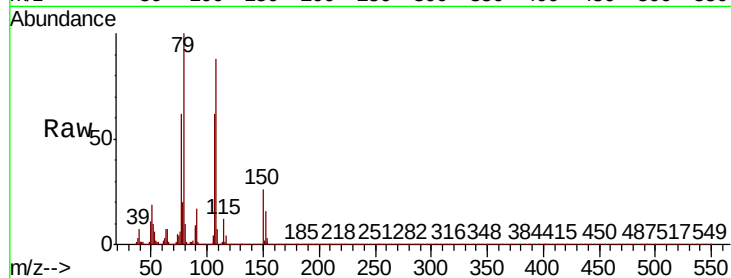
Tot Ion: 79 Resp: 455298

Ion Ratio Lower Upper

79 100

108 88.2 70.8 106.2

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.915 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

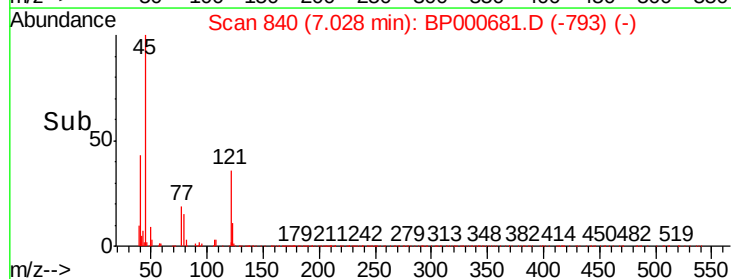
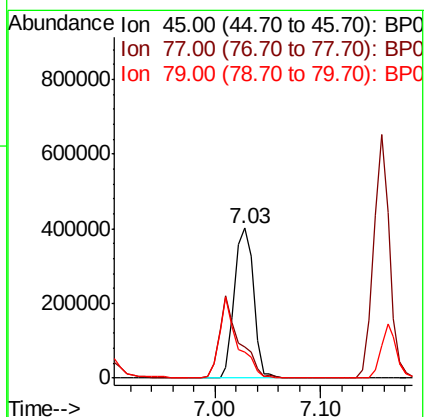
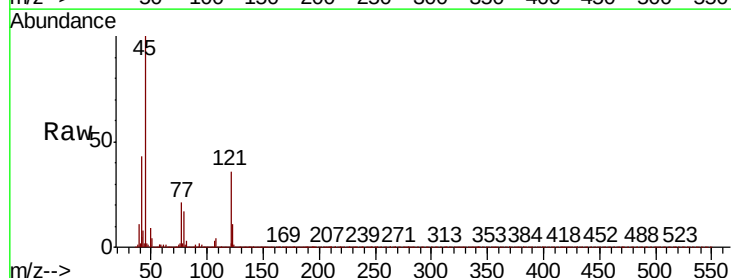
Tgt Ion: 45 Resp: 497726

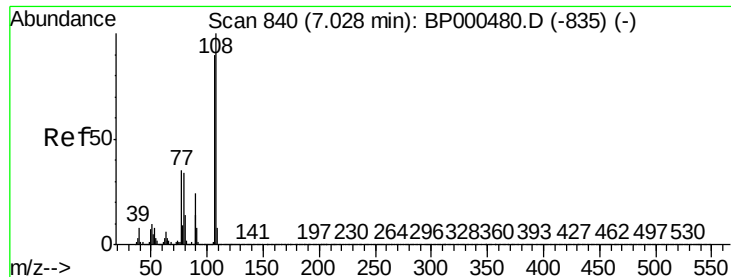
Ion Ratio Lower Upper

45 100

77 21.1 1.1 41.1

79 17.1 0.0 36.8

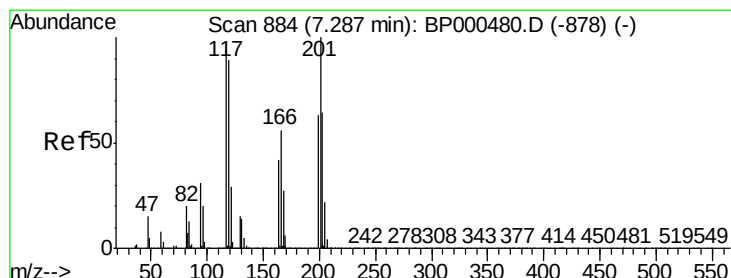
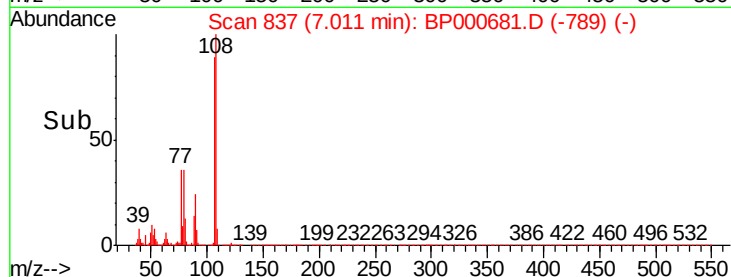
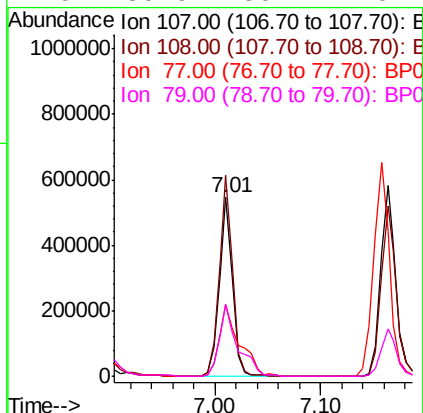
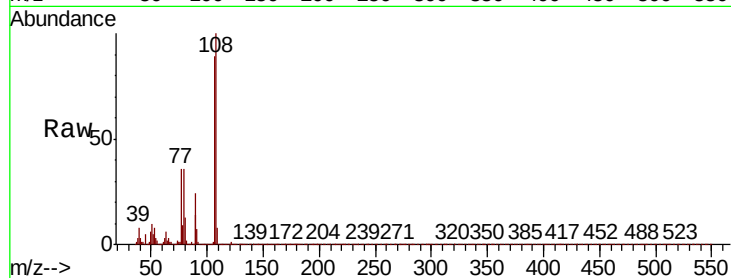




#17
2-Methylphenol
Concen: 37.603 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

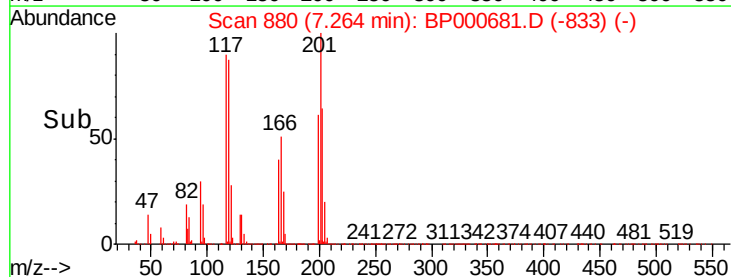
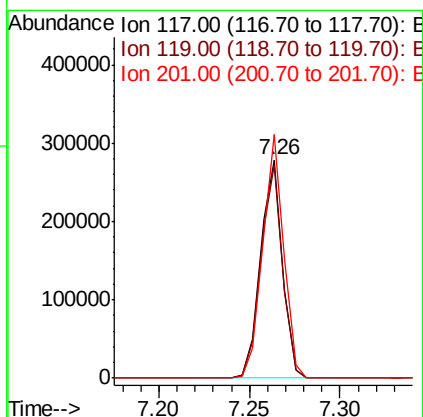
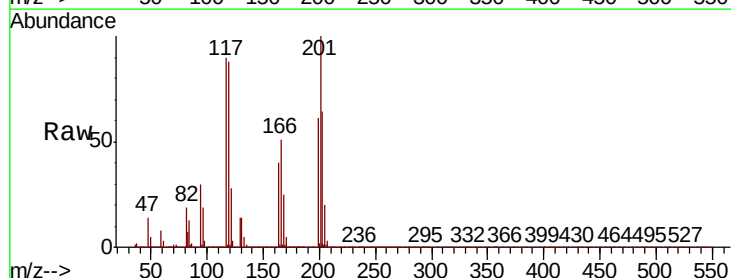
Instrument :
BNA_P
ClientSampled :

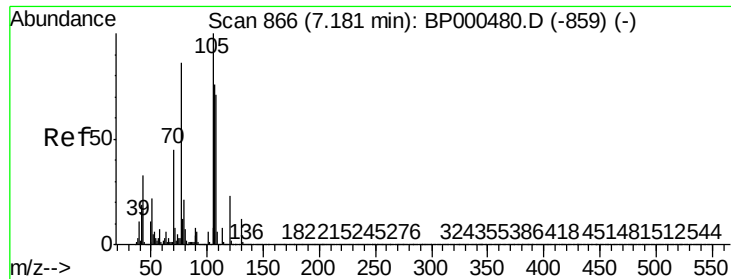
Tot Ion:	107	Resp:	485429
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.0	133.4
77	40.2	31.2	46.8
79	39.9	30.7	46.1



#18
Hexachloroethane
Concen: 34.240 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:	117	Resp:	232192
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
201	111.5	85.4	128.0

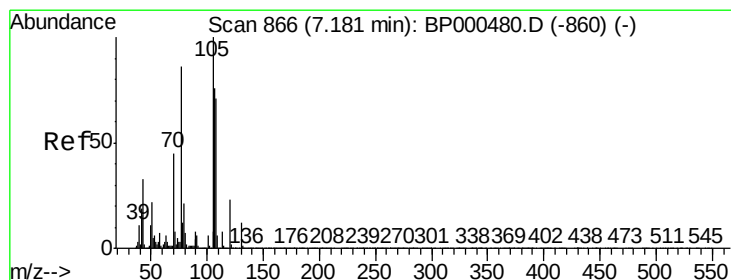
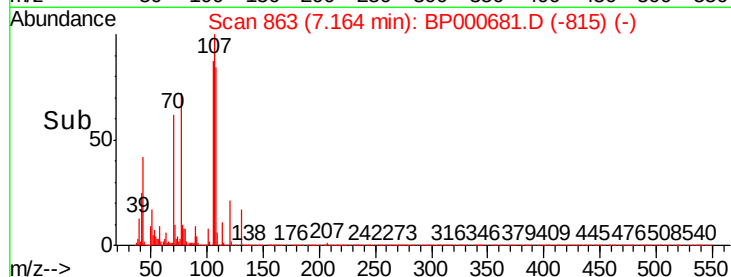
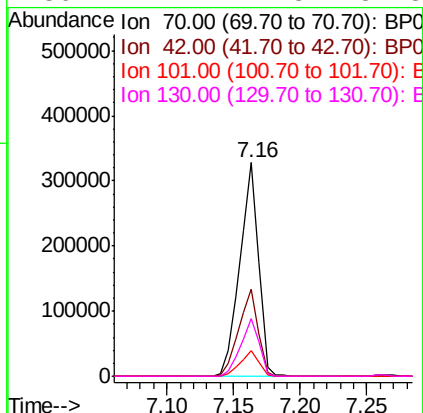
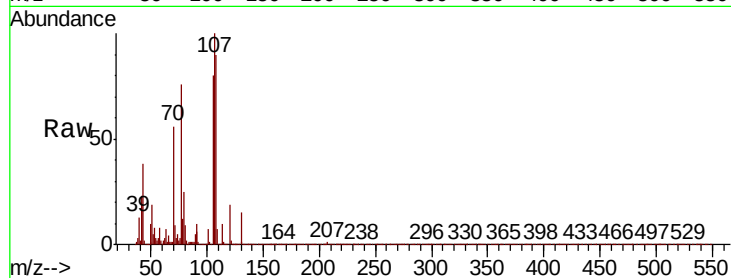




#19
n-Nitroso-di-n-propylamine
Concen: 36.593 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

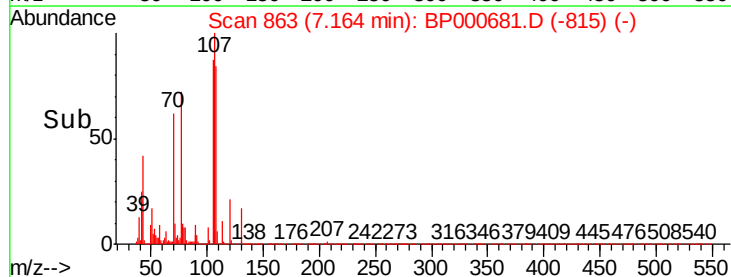
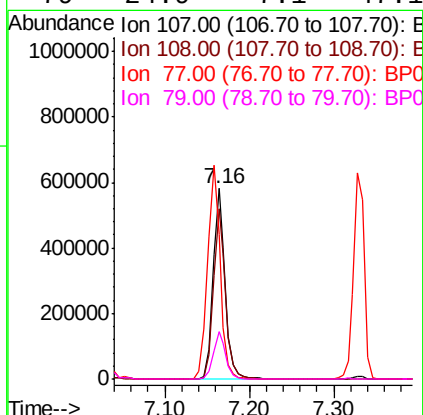
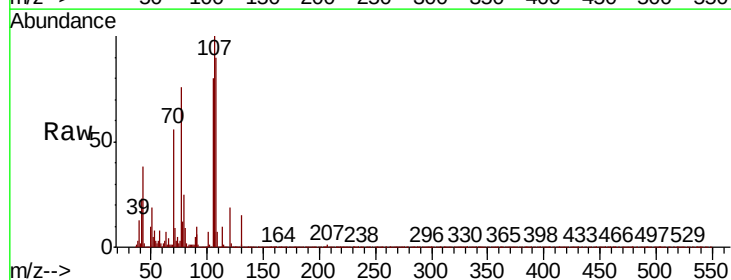
Instrument :
BNA_P
ClientSampled :

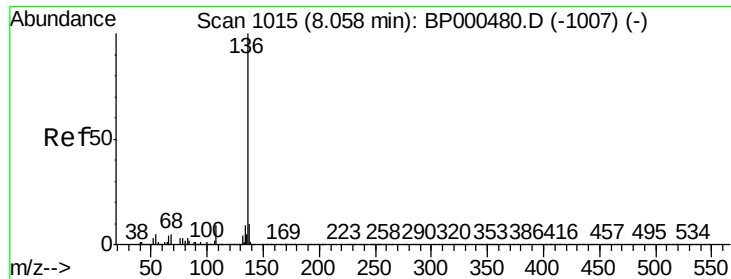
Tot Ion:	70	Resp:	321704
Ion	Ratio	Lower	Upper
70	100		
42	40.5	33.2	49.8
101	12.1	9.9	14.9
130	27.2	21.8	32.8



#20
3+4-Methylphenols
Concen: 38.949 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:	107	Resp:	588349
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.6	112.6
77	76.0	93.3	133.3#
79	24.9	7.1	47.1

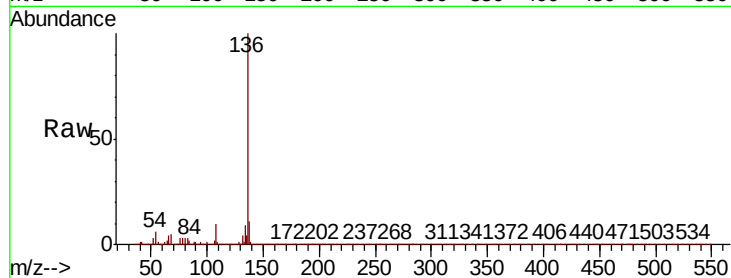




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	910859
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.2	12.4
54 5.6	4.1	6.1
68 5.5	4.1	6.1



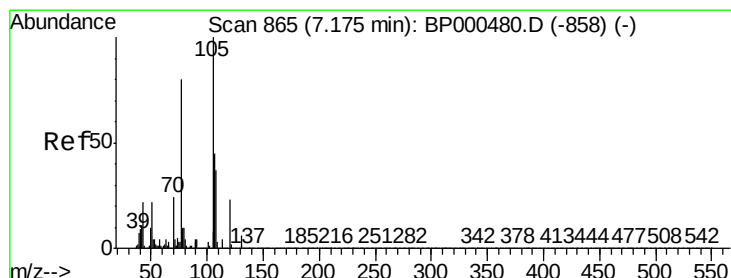
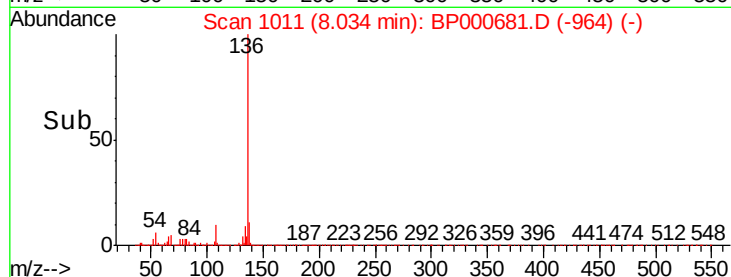
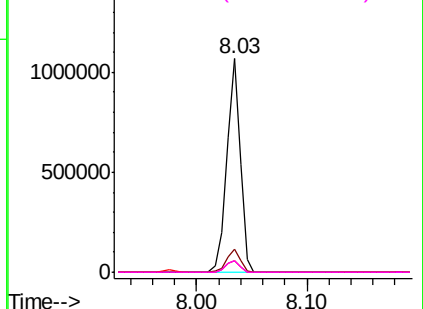
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

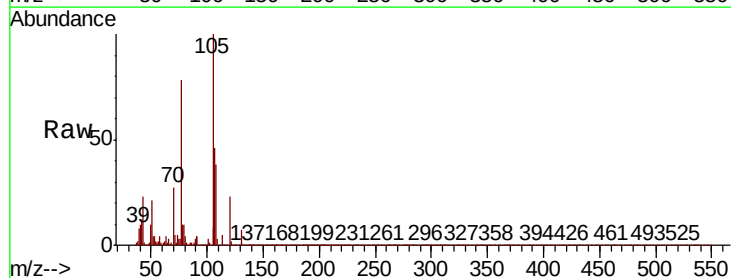
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 36.965 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt	Ion:105	Resp:	777995
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.3	4.9
51	20.8	17.4	26.2
120	23.3	18.0	27.0



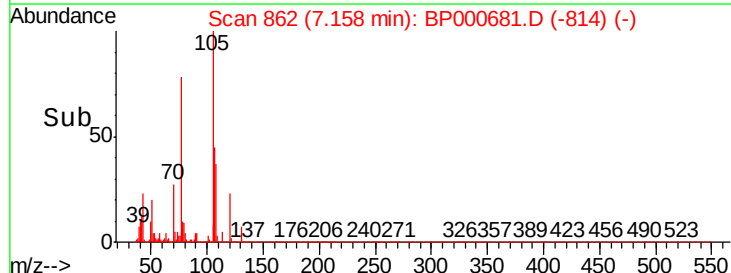
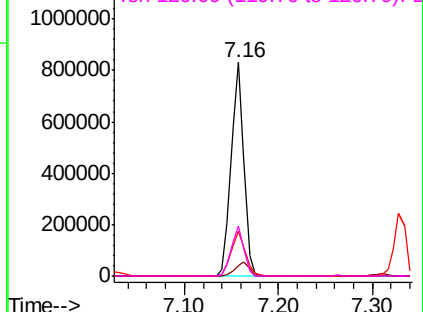
Abundance

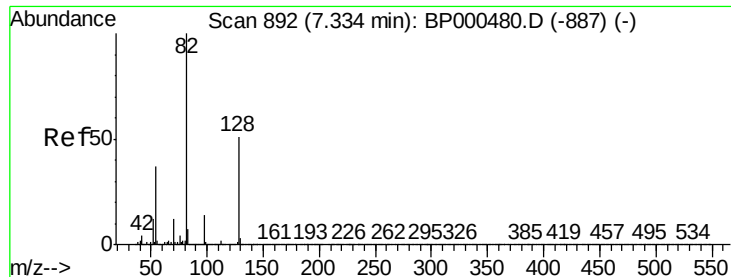
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

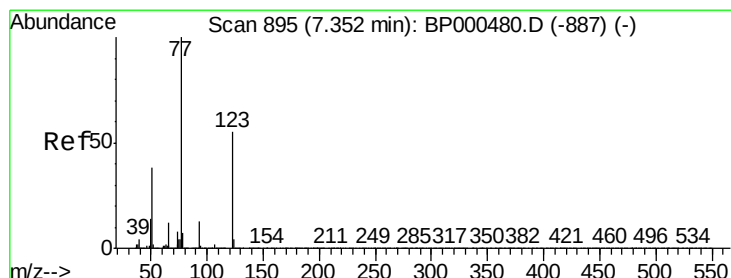
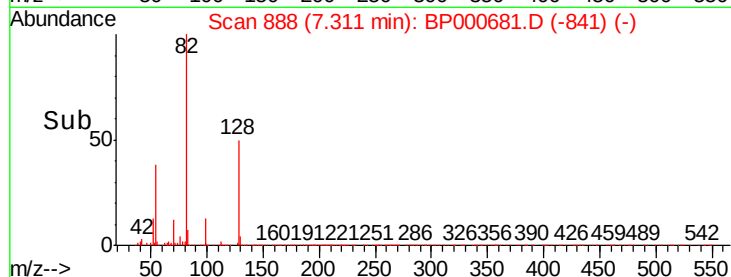
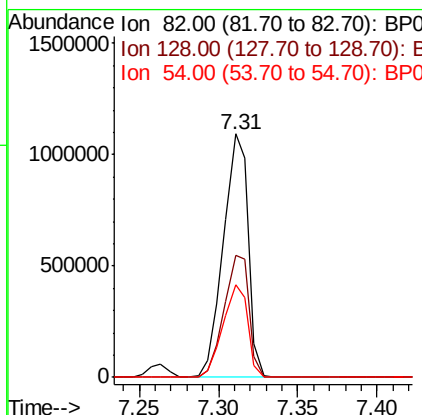
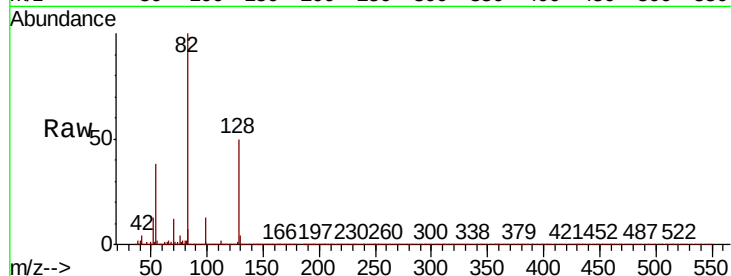




#23
 Nitrobenzene-d5
 Concen: 79.524 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

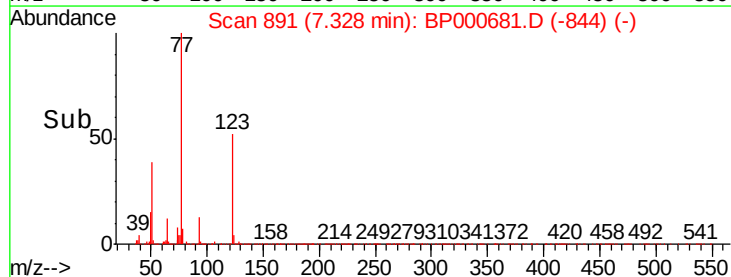
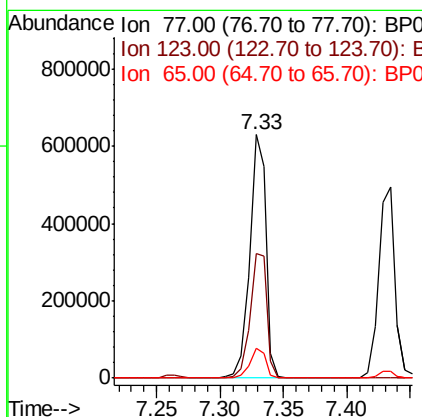
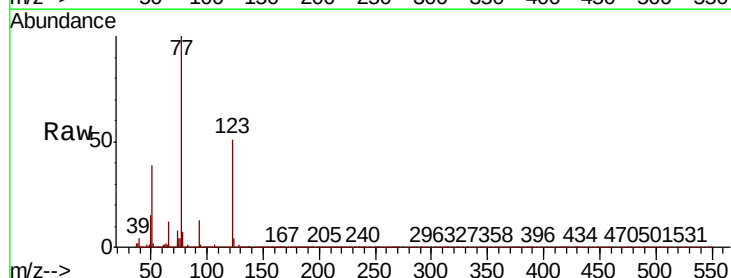
Instrument :
 BNA_P
 ClientSampled :

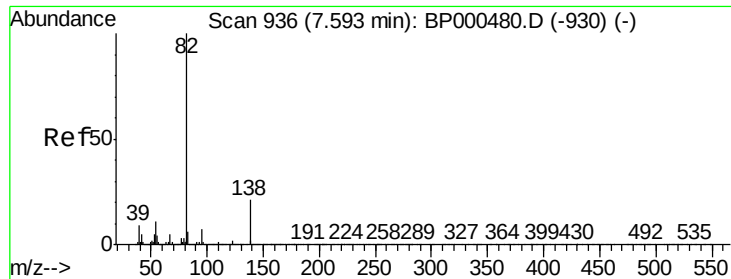
Tot Ion: 82 Resp: 1185996
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.9 61.3
 54 38.3 29.4 44.2



#24
 Nitrobenzene
 Concen: 38.658 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Tgt Ion: 77 Resp: 556045
 Ion Ratio Lower Upper
 77 100
 123 51.1 44.1 66.1
 65 12.1 9.7 14.5





#25

Isophorone

Concen: 38.518 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

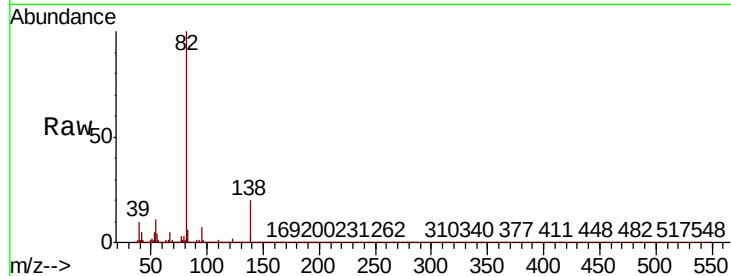
Tot Ion: 82 Resp: 1019521

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

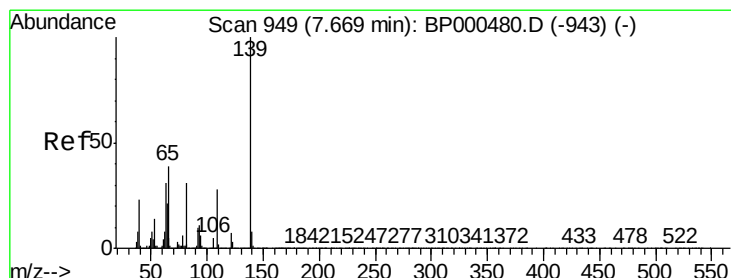
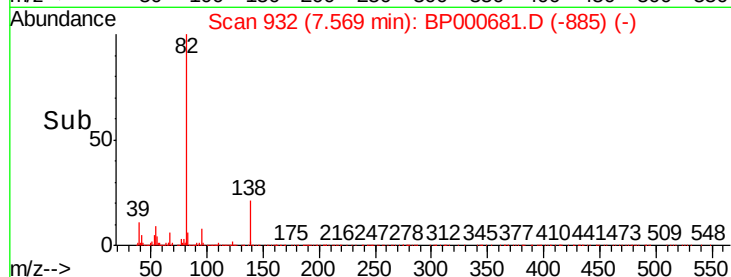
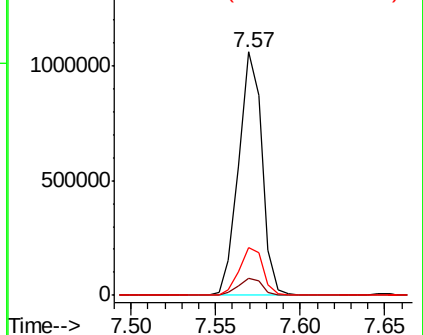
138 19.5 17.0 25.4



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 41.306 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

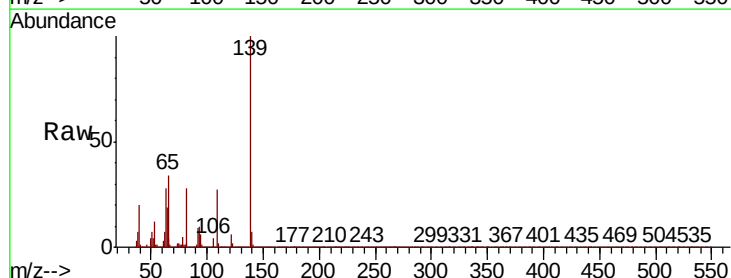
Tgt Ion: 139 Resp: 312446

Ion Ratio Lower Upper

139 100

109 26.8 22.8 34.2

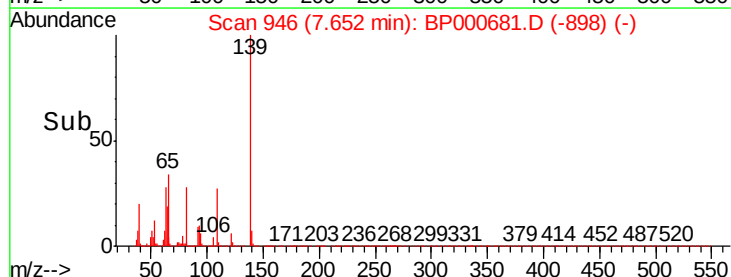
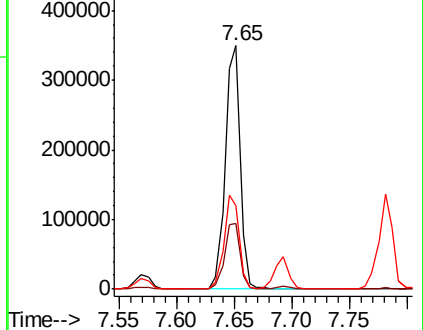
65 34.4 31.5 47.3

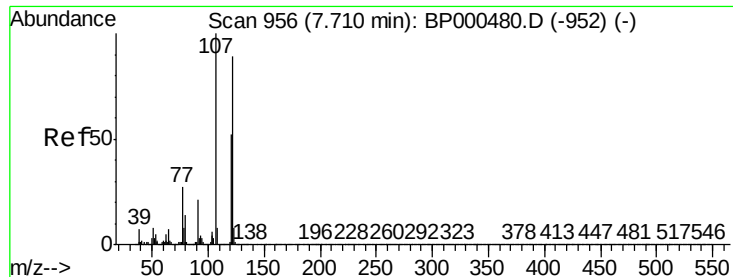


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

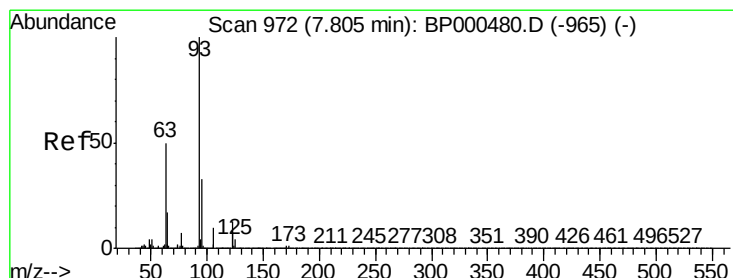
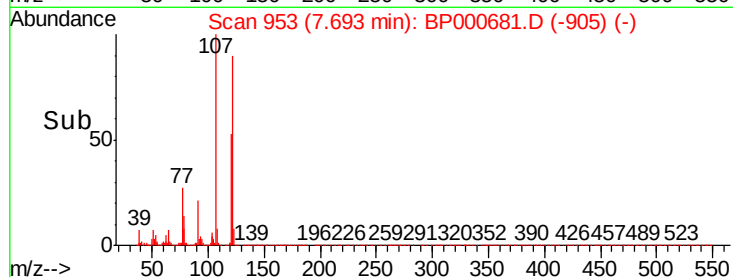
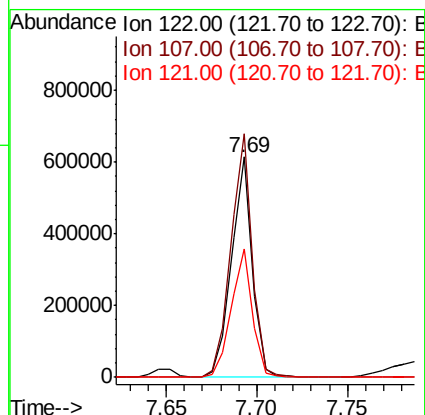
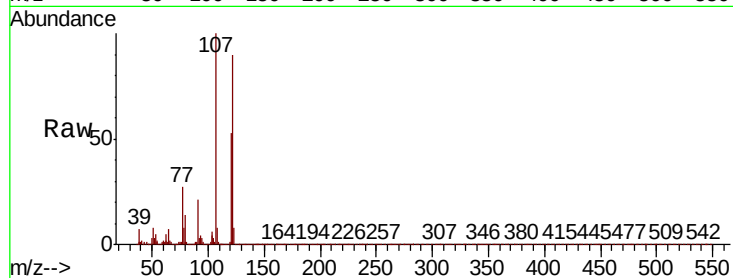




#27
2,4-Dimethylphenol
Concen: 42.589 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

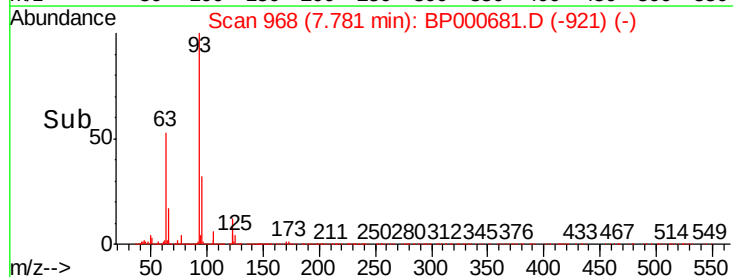
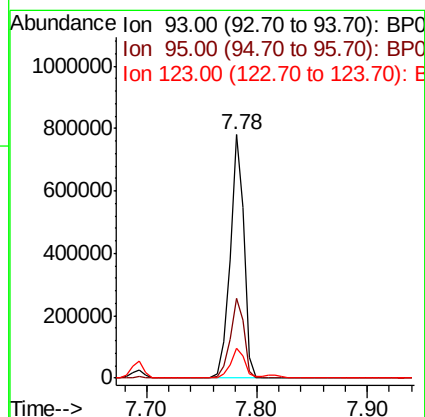
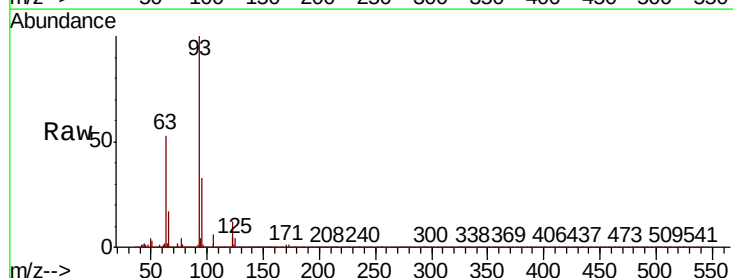
Instrument :
BNA_P
ClientSampled :

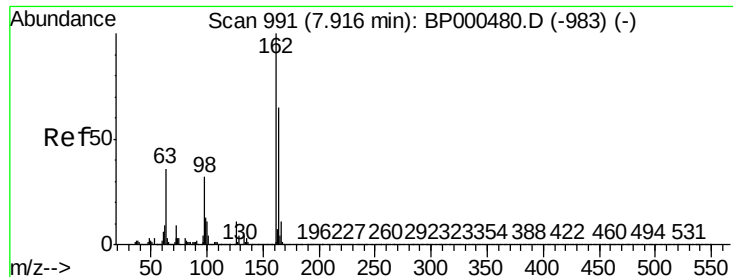
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	89.9	134.9
121	58.3	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.527 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.0	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 39.724 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BP000681.D

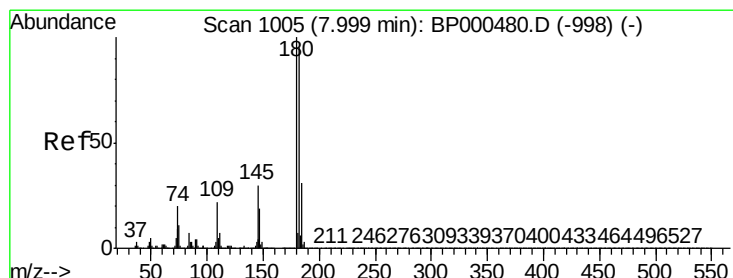
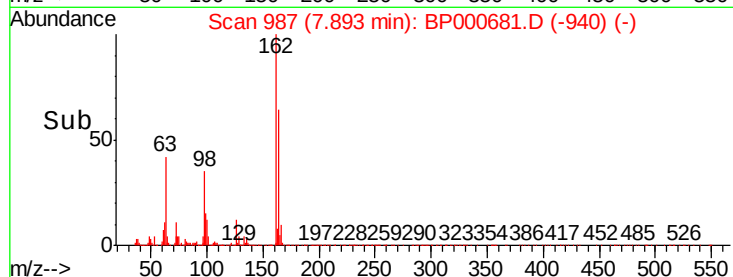
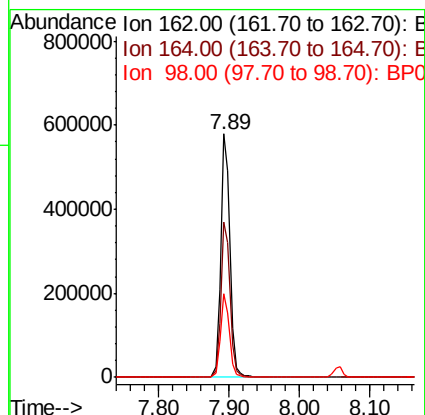
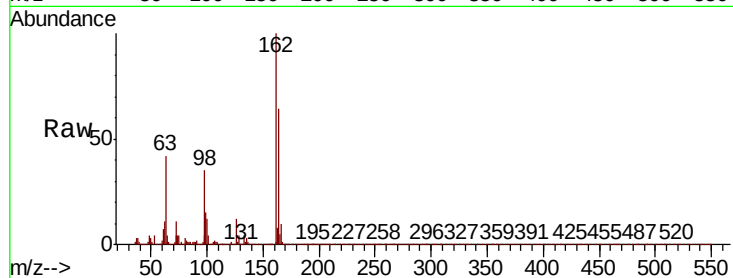
Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	162	Resp:	520797
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	34.6	11.6	51.6



#30

1,2,4-Trichlorobenzene

Concen: 37.055 ng

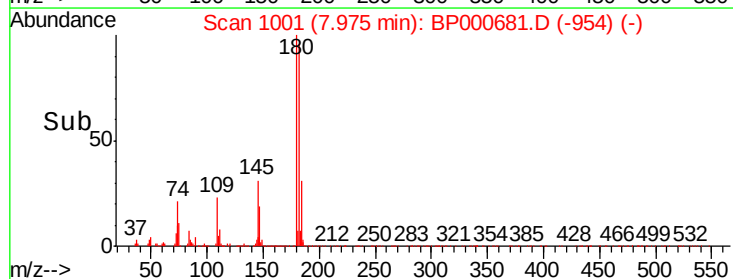
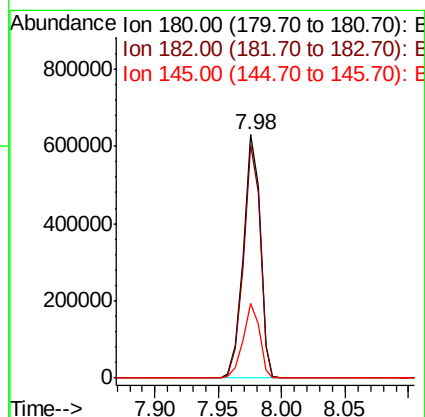
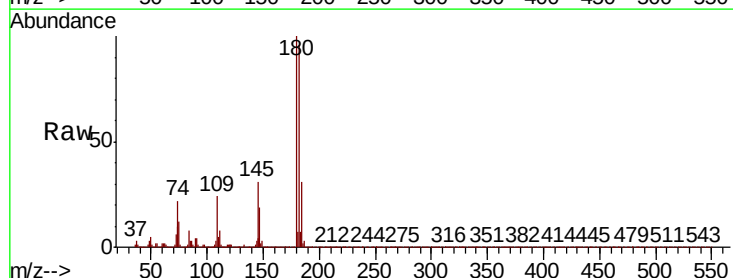
RT: 7.98 min Scan# 1001

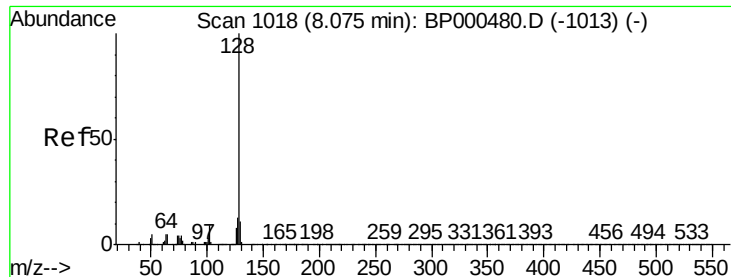
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	180	Resp:	570550
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	30.6	23.6	35.4

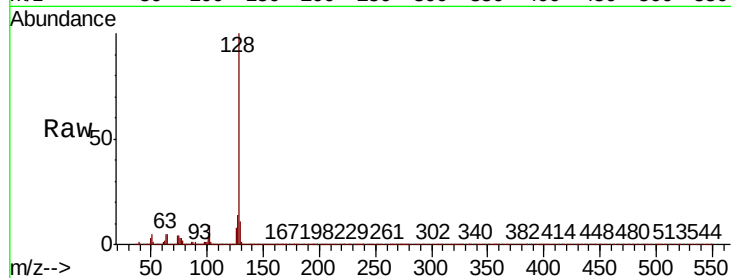




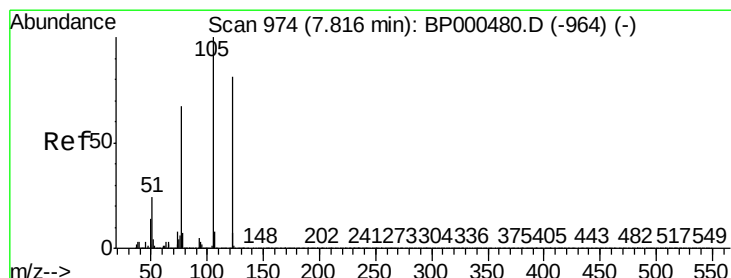
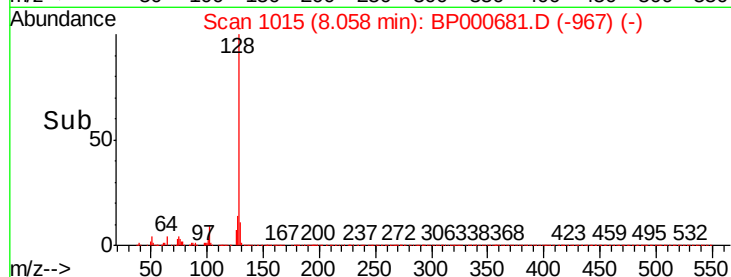
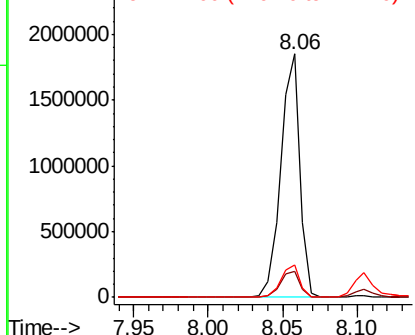
#31
Naphthalene
Concen: 39.006 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :

Tot Ion:128 Resp: 1659342
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.5 15.7

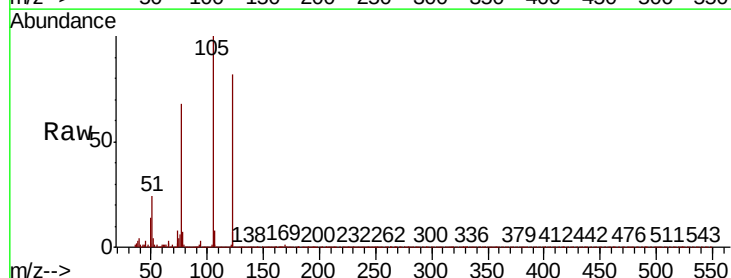


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

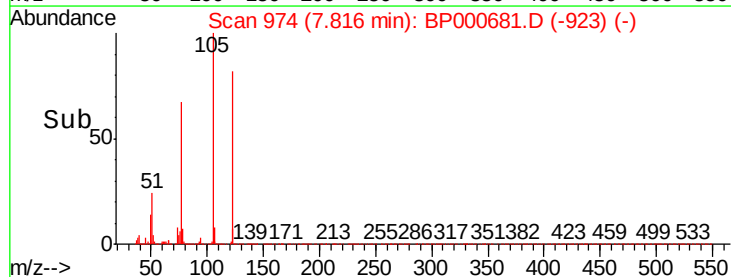
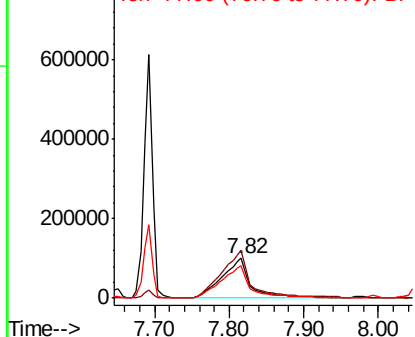


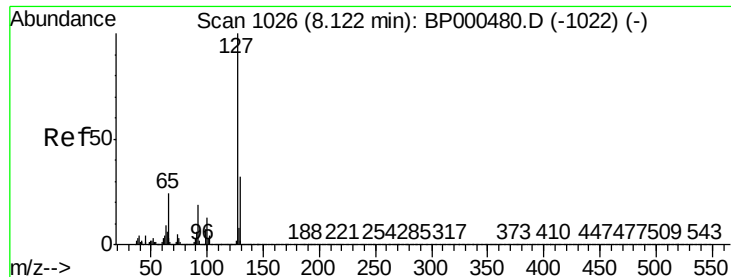
#32
Benzoic acid
Concen: 35.611 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:122 Resp: 260725
Ion Ratio Lower Upper
122 100
105 121.9 101.4 141.4
77 82.8 62.1 102.1



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

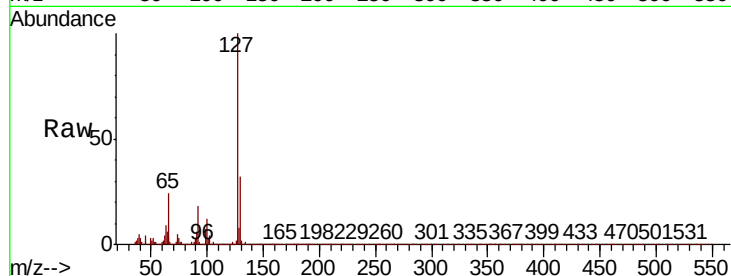




#33
4-Chloroaniline
Concen: 10.329 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127	Resp:	192923
Ion	Ratio	Lower Upper
127	100	
129	32.0	25.6 38.4
65	23.9	19.2 28.8
92	18.2	14.9 22.3



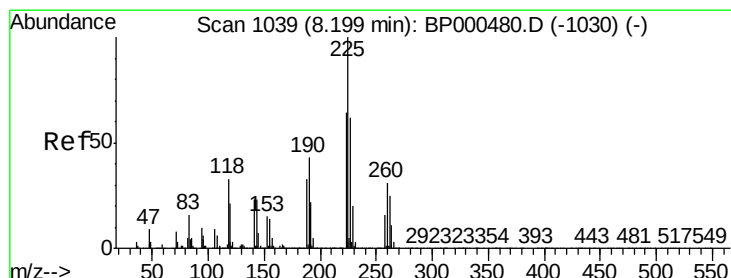
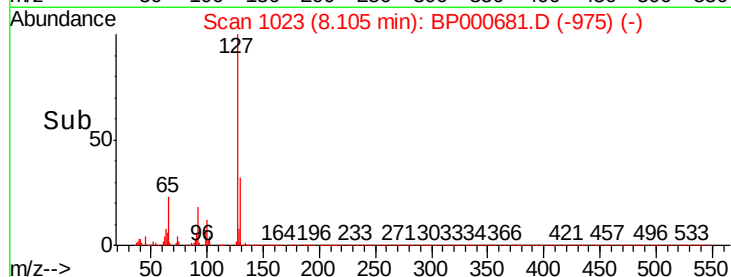
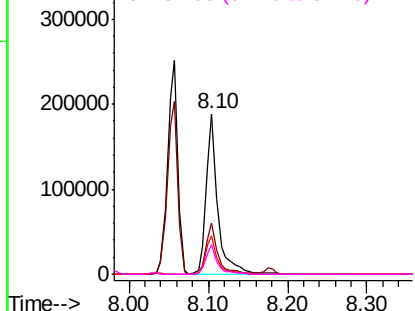
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

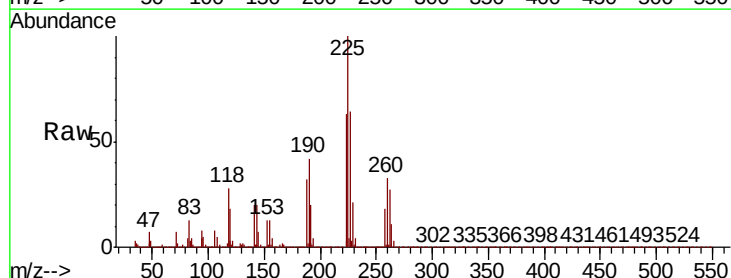
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 35.551 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:225	Resp:	330808
Ion	Ratio	Lower Upper
225	100	
223	62.8	51.4 77.0
227	64.0	49.7 74.5

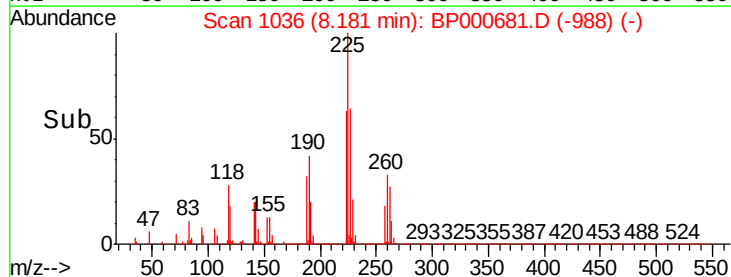
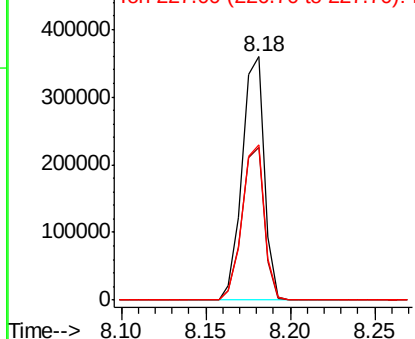


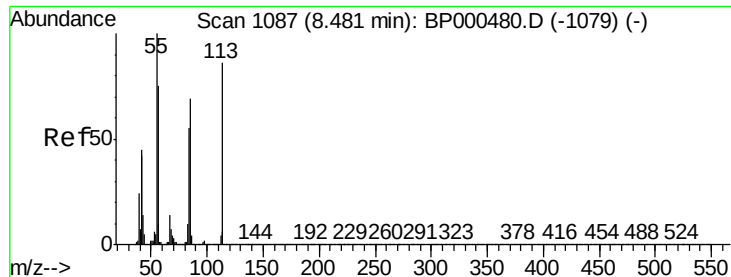
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

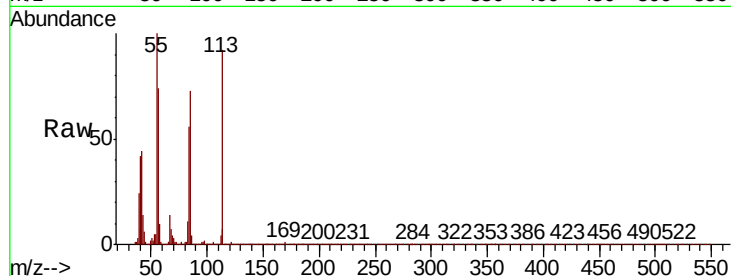




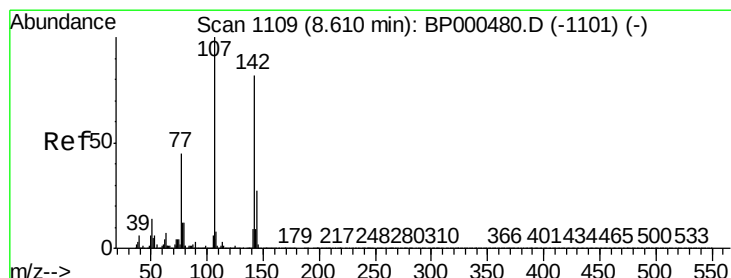
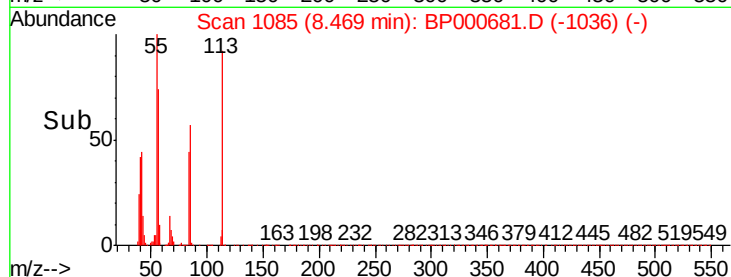
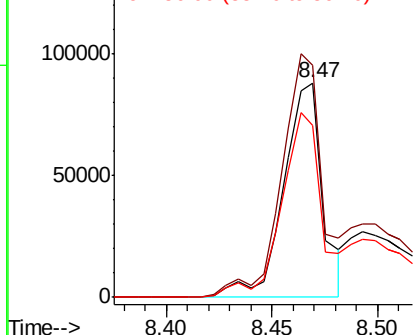
#35
 Caprolactam
 Concen: 25.692 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:113 Resp: 112818
 Ion Ratio Lower Upper
 113 100
 55 108.4 95.9 135.9
 56 80.5 67.2 107.2

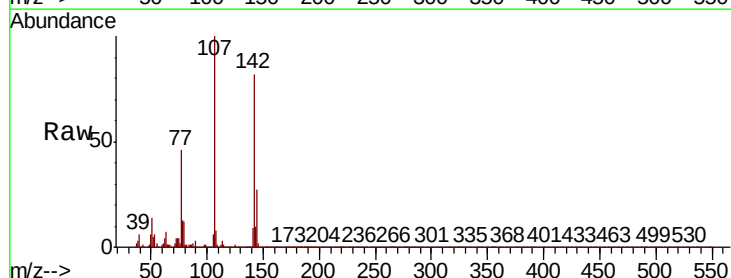


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BP0
 Ion 56.00 (55.70 to 56.70): BP0

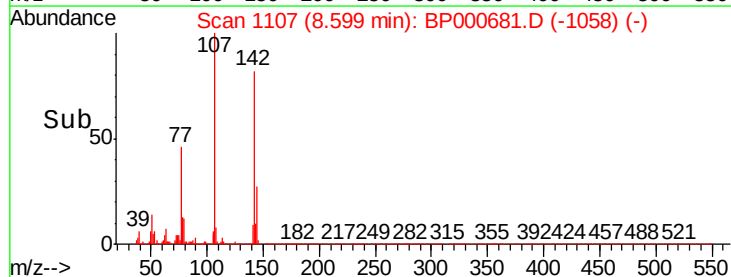
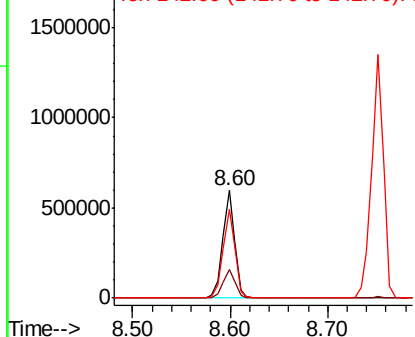


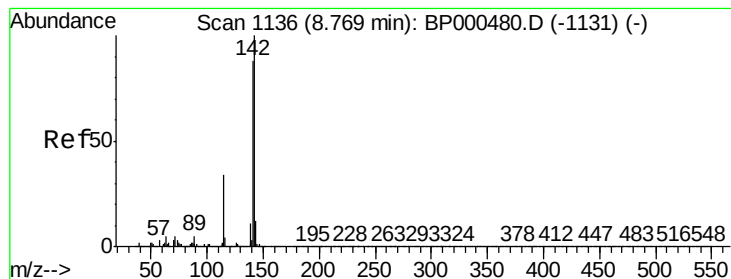
#36
 4-Chloro-3-methylphenol
 Concen: 39.777 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Tgt Ion:107 Resp: 510765
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.8 32.8
 142 81.9 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.081 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

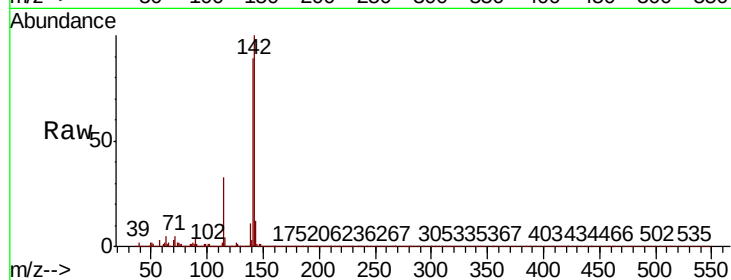
Instrument :

BNA_P

ClientSampleId :

Tot Ion:142 Resp: 1144627

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	33.3	27.4	41.0

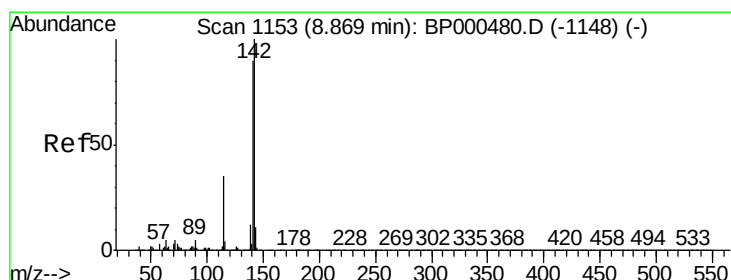
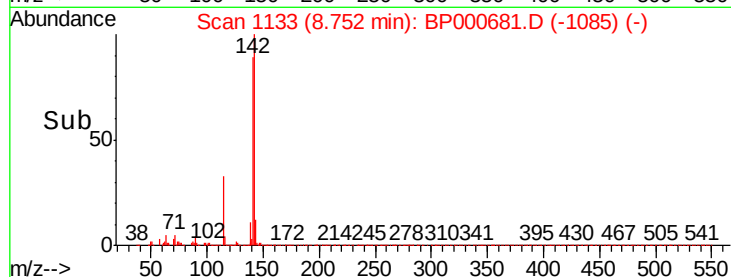
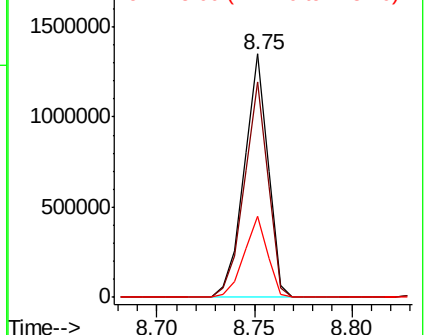


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.351 ng

RT: 8.85 min Scan# 1150

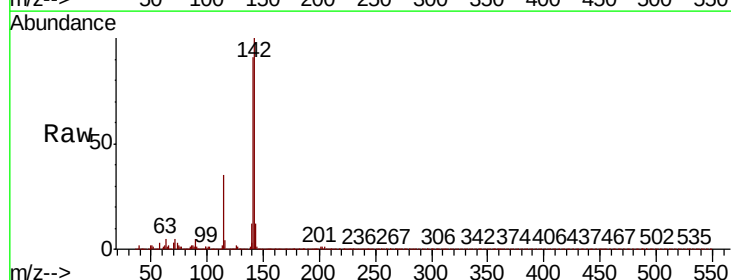
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:142 Resp: 1061842

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	3.5	3.0	4.4

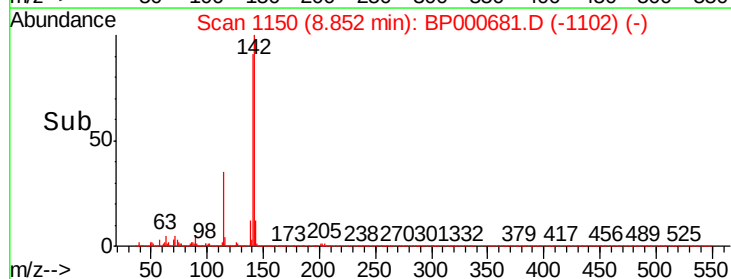
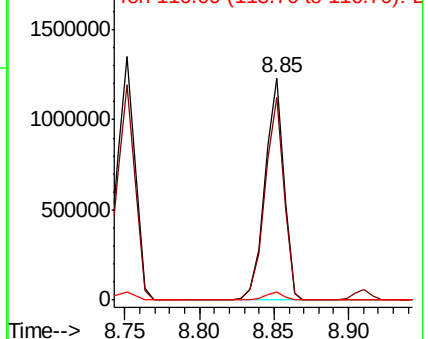


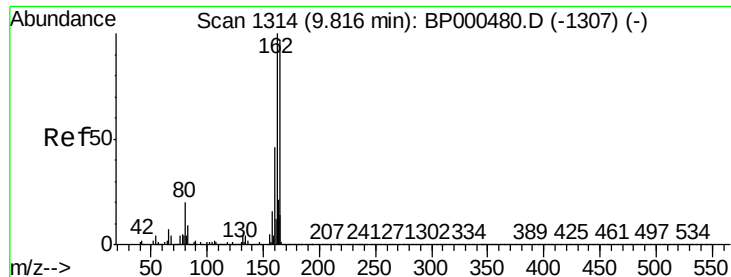
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

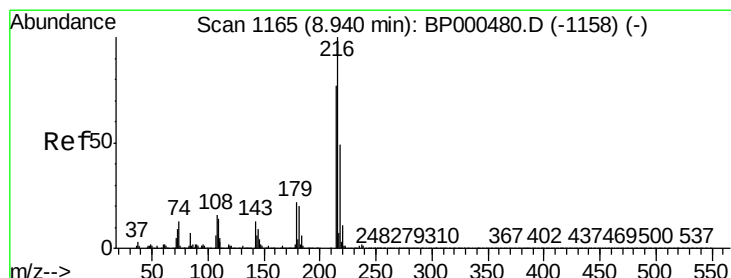
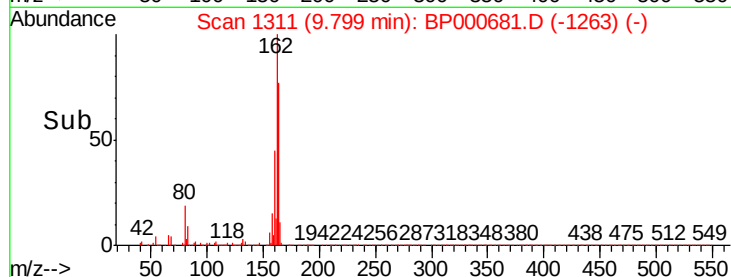
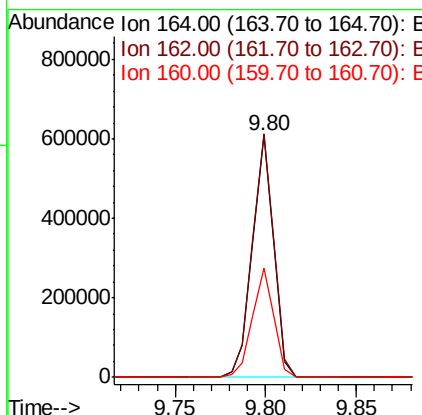
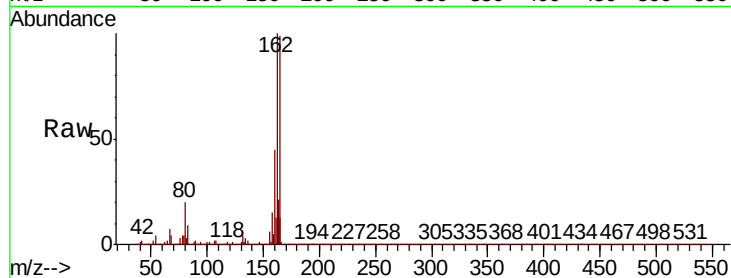




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

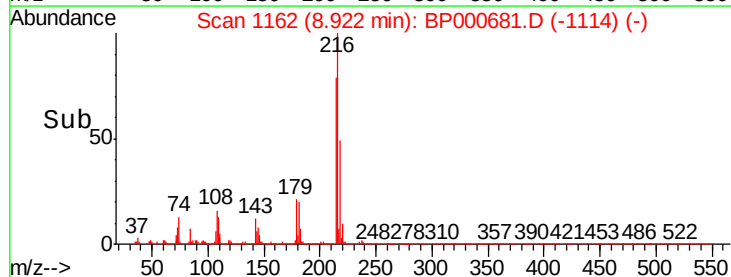
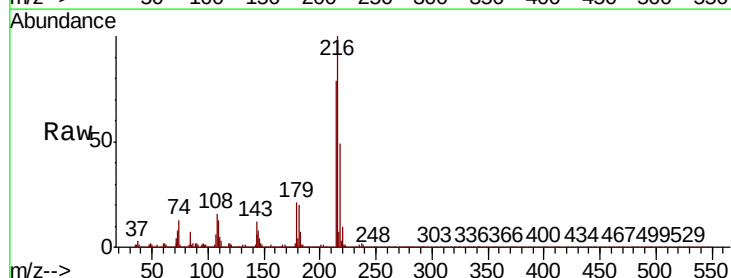
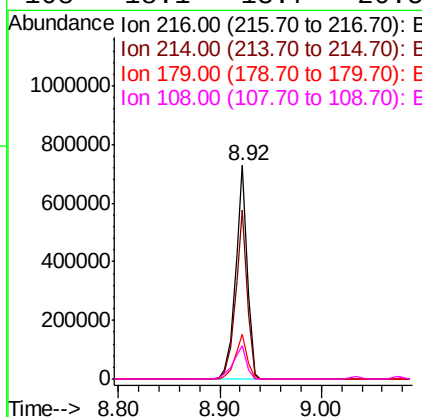
Instrument :
 BNA_P
 ClientSampleId :

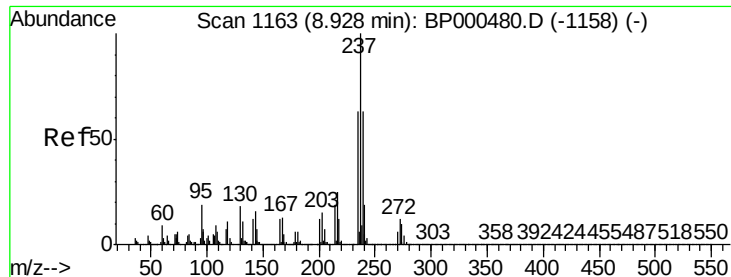
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.2	37.6	56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.438 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.7	94.1
179	20.9	16.7	25.1
108	18.1	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 62.083 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

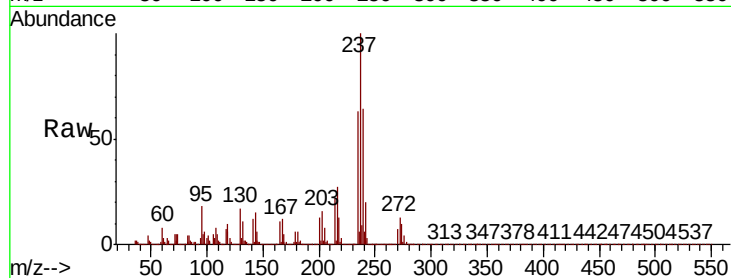
Tot Ion:237 Resp: 379611

Ion Ratio Lower Upper

237 100

235 63.2 42.9 82.9

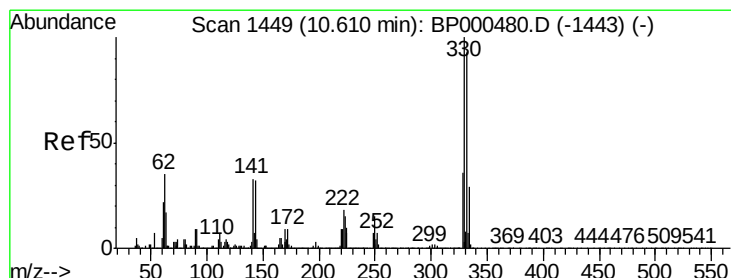
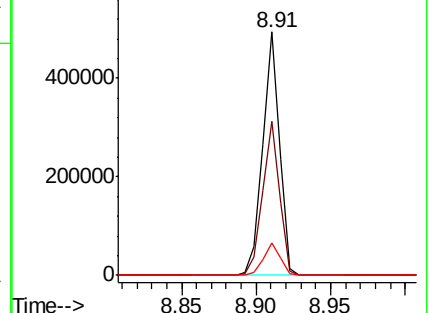
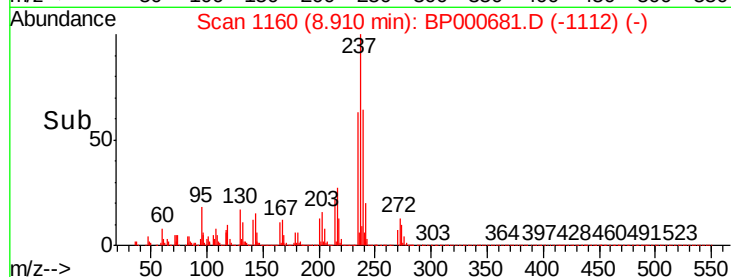
272 13.3 0.0 32.4



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: 118.097 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

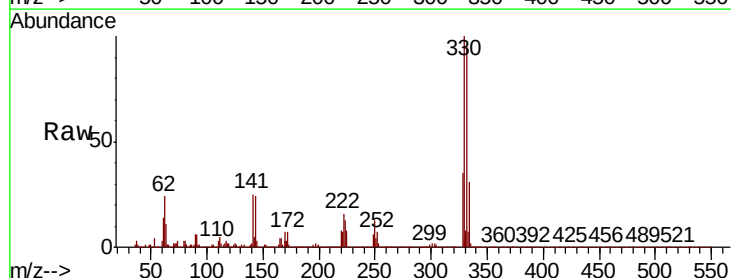
Tgt Ion:330 Resp: 625485

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

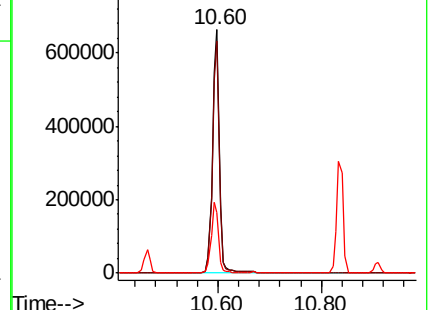
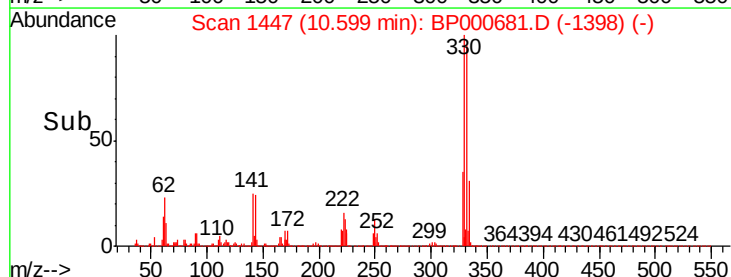
141 30.6 26.0 39.0

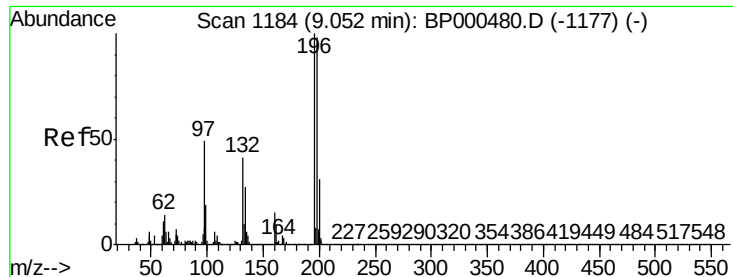


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

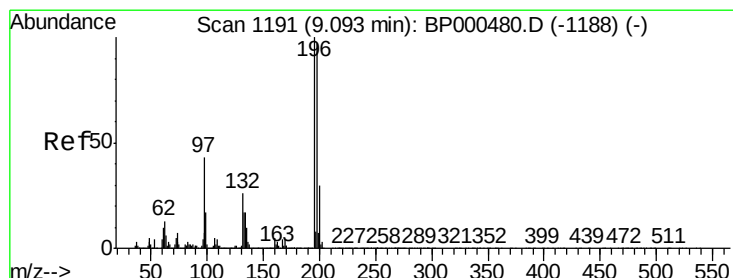
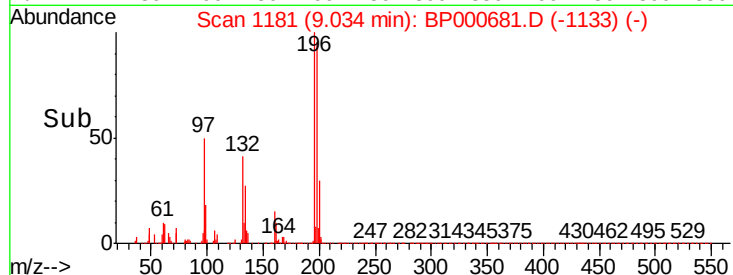
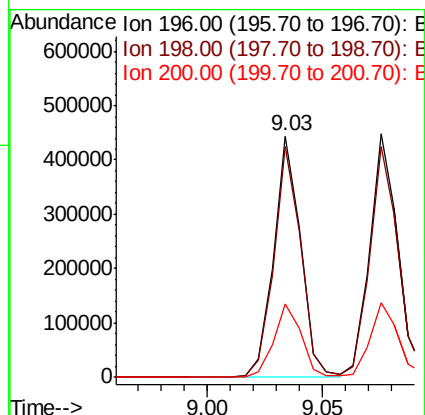
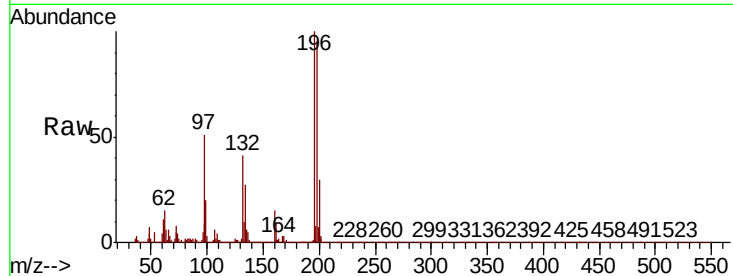




#43
2,4,6-Trichlorophenol
Concen: 37.109 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

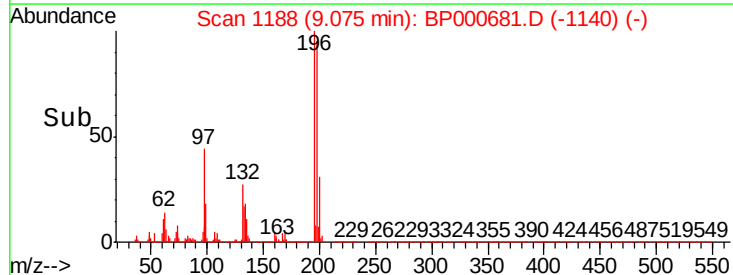
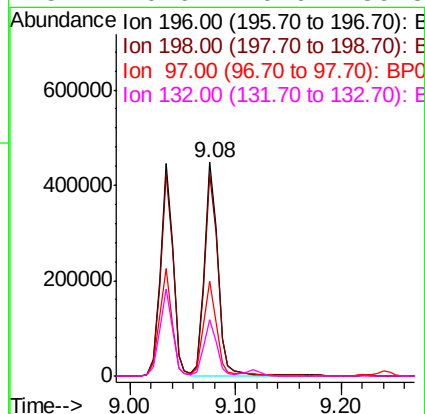
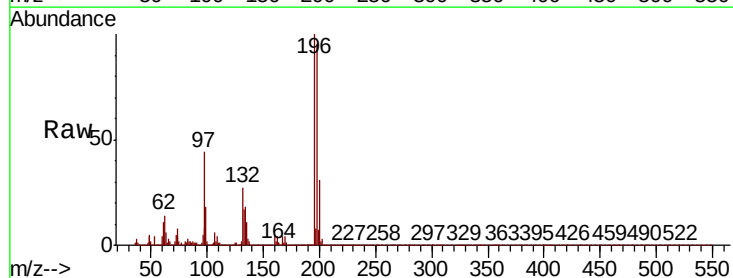
Instrument :
BNA_P
ClientSampled :

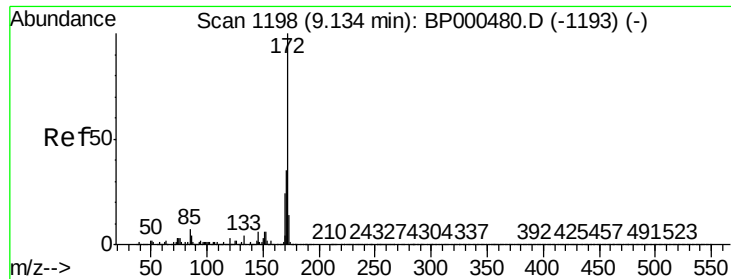
Tot Ion:196 Resp: 359360
Ion Ratio Lower Upper
196 100
198 95.3 78.2 117.2
200 30.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 38.929 ng
RT: 9.08 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:196 Resp: 389230
Ion Ratio Lower Upper
196 100
198 94.8 77.4 116.0
97 44.1 34.6 51.8
132 26.6 20.6 30.8

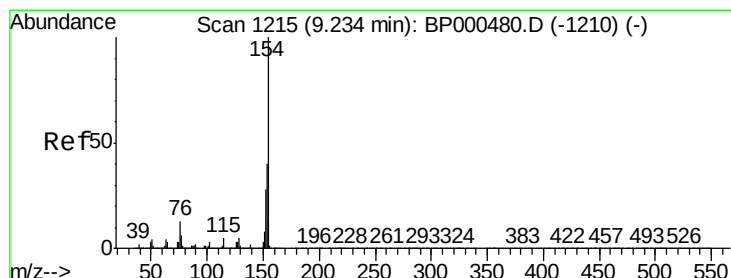
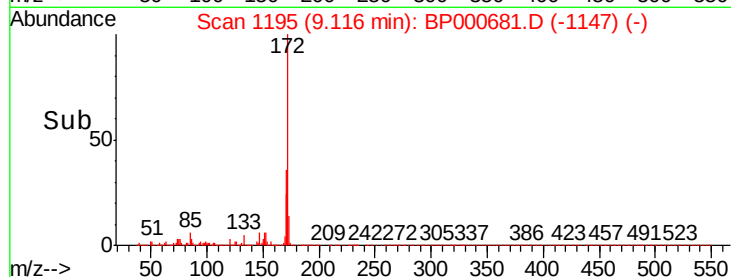
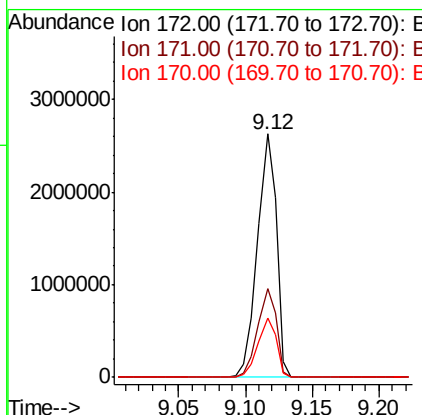
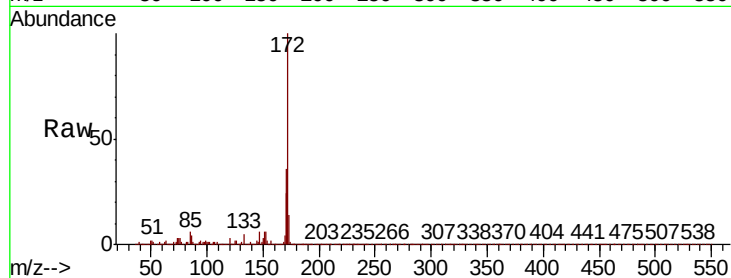




#45
2-Fluorobiphenyl
Concen: 82.729 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

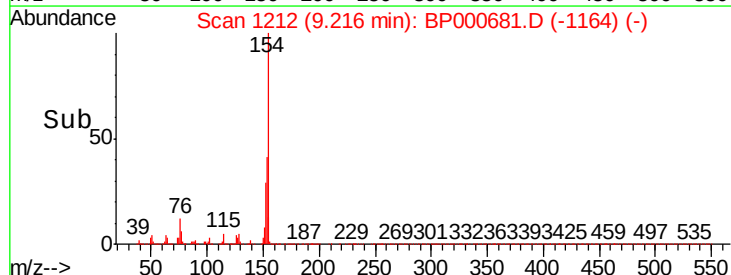
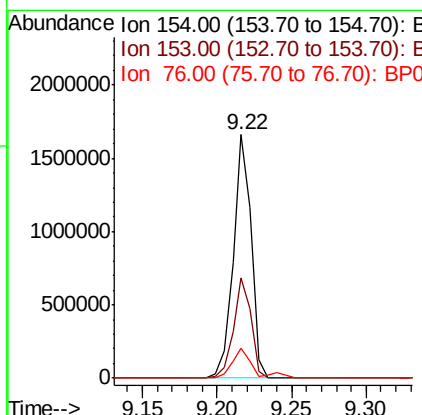
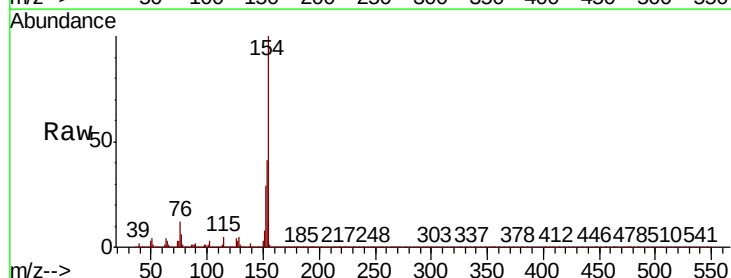
Instrument :
BNA_P
ClientSampleId :

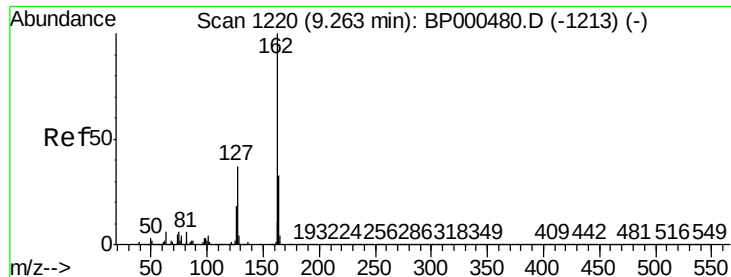
Tot Ion:172 Resp: 2541314
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.376 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:154 Resp: 1402215
Ion Ratio Lower Upper
154 100
153 41.1 19.9 59.9
76 12.4 0.0 32.8

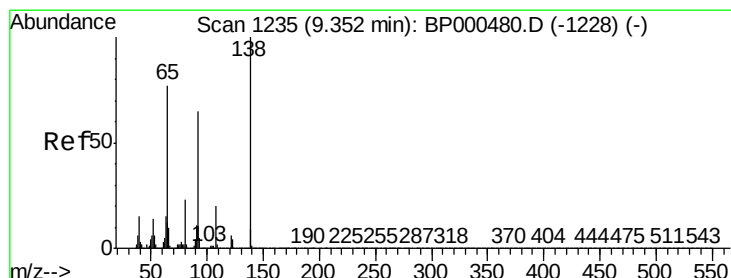
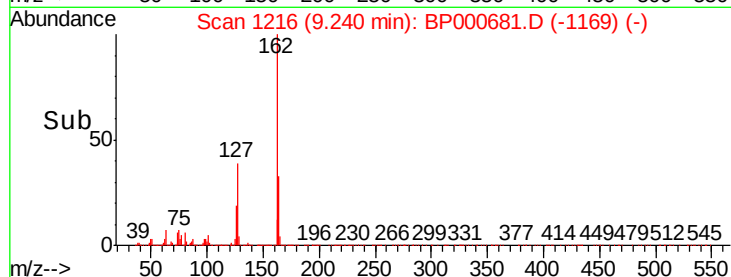
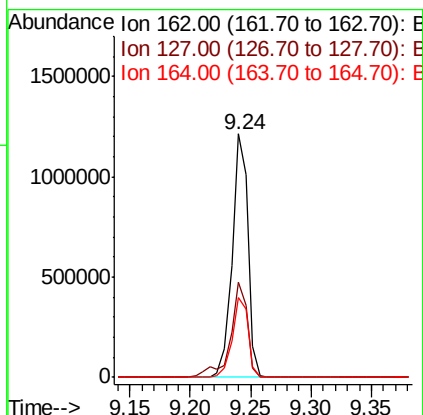
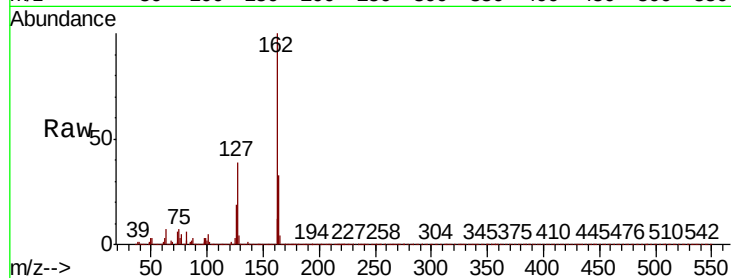




#47
2-Chloronaphthalene
Concen: 37.751 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

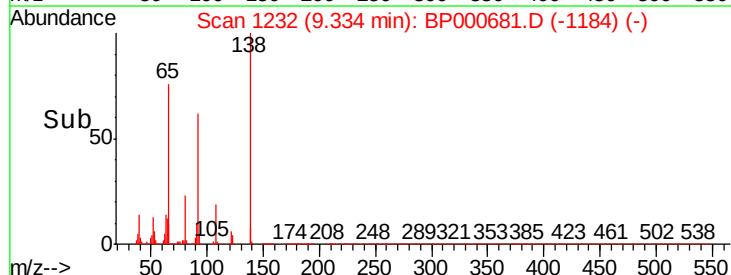
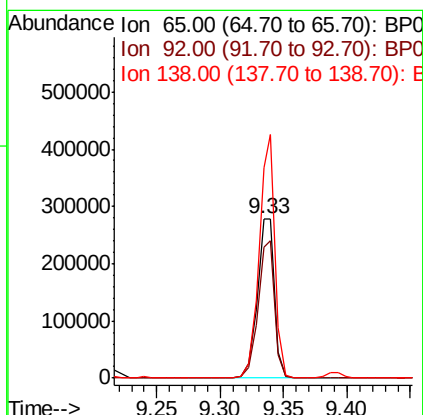
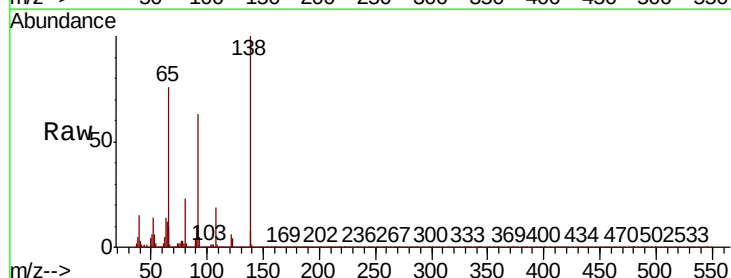
Instrument :
BNA_P
ClientSampleId :

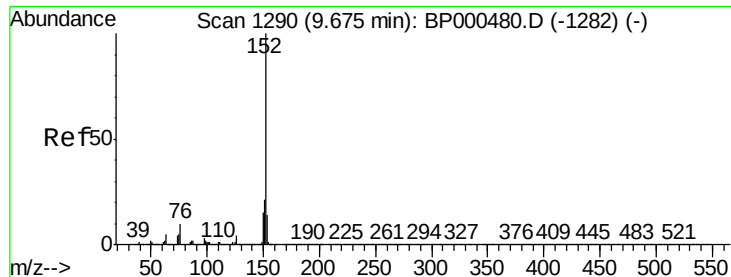
Tot Ion:162 Resp: 1095163
Ion Ratio Lower Upper
162 100
127 39.2 29.8 44.6
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 37.969 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion: 65 Resp: 266675
Ion Ratio Lower Upper
65 100
92 82.2 67.0 100.4
138 131.5 103.5 155.3





#49

Acenaphthylene

Concen: 39.528 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

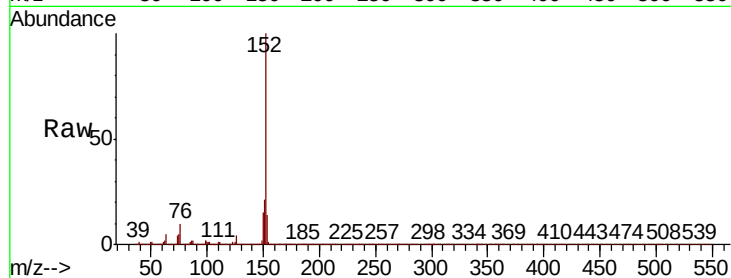
Tot Ion:152 Resp: 1730041

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.6	11.0	16.6

152 100

151 20.5 16.6 25.0

153 13.6 11.0 16.6

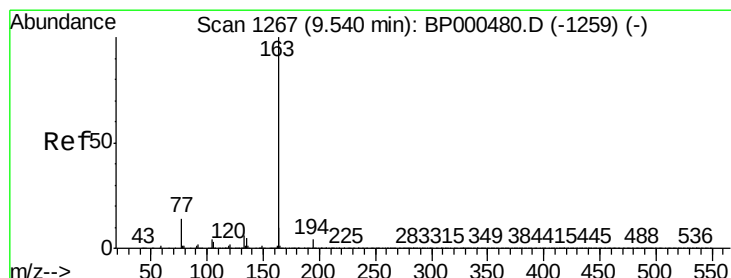
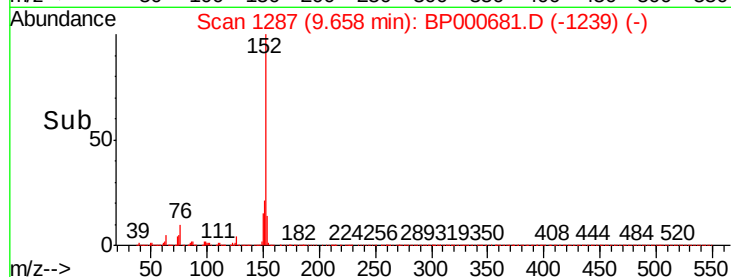
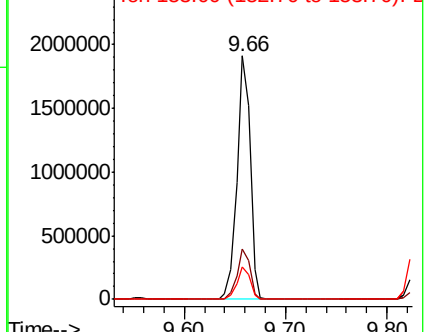


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.438 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

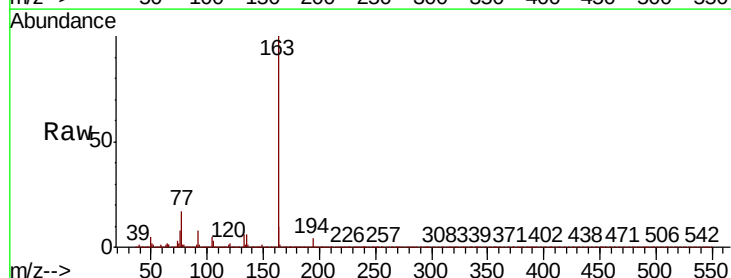
Tgt Ion:163 Resp: 1672855

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.0	12.0

163 100

194 4.4 3.4 5.2

164 10.4 8.0 12.0

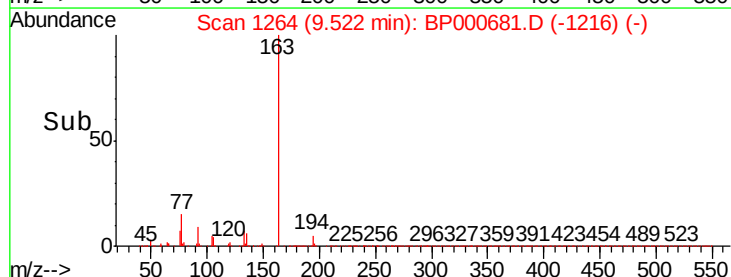
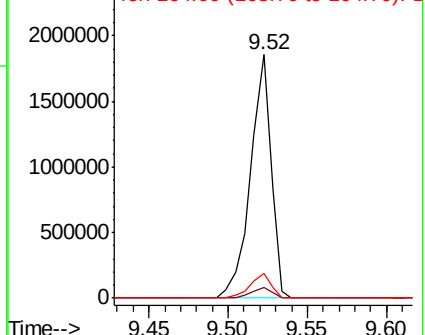


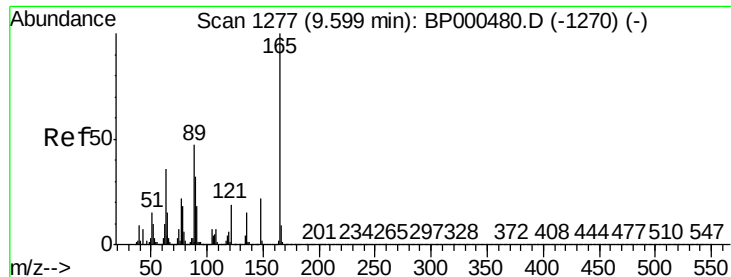
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

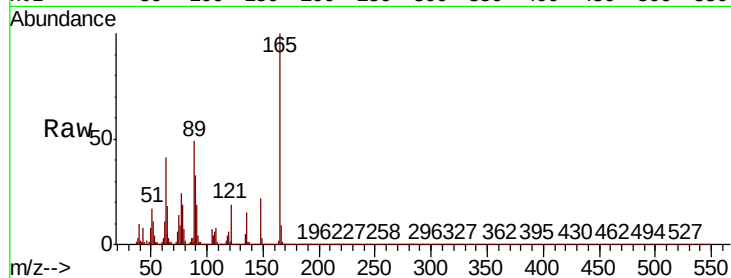




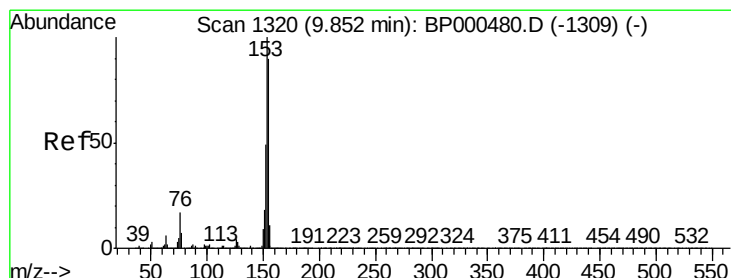
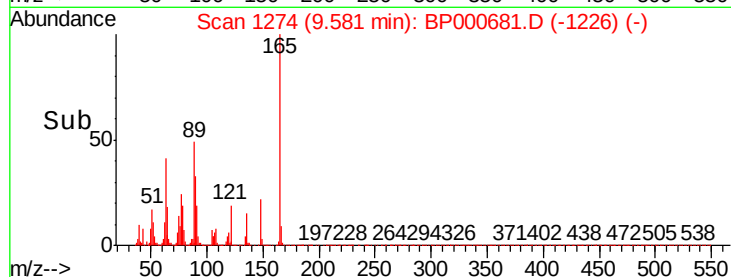
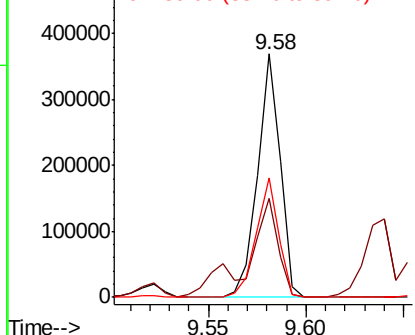
#51
2,6-Dinitrotoluene
Concen: 39.278 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	29.9	44.9
89	49.2	37.3	55.9

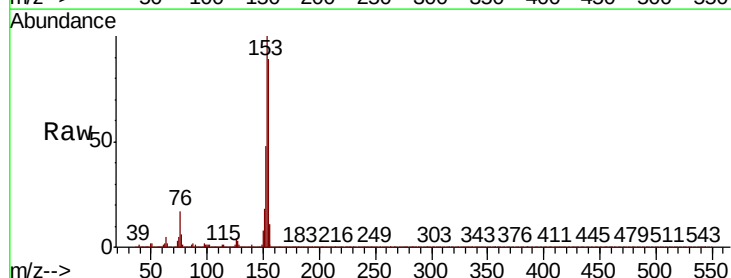


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

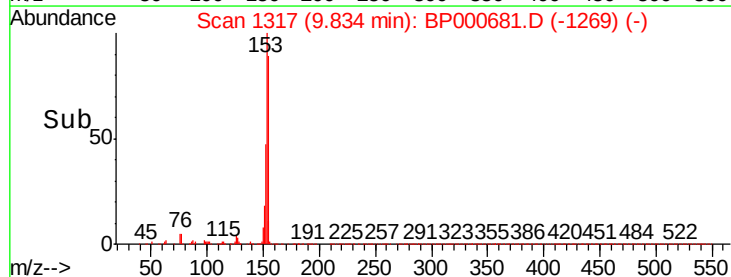
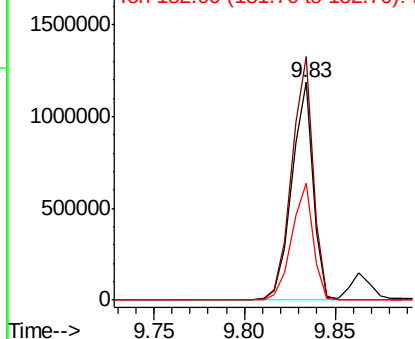


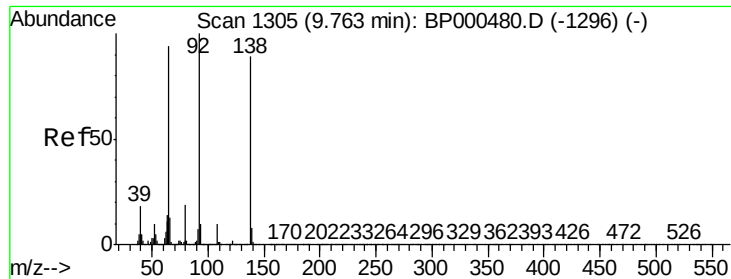
#52
Acenaphthene
Concen: 37.136 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.4	134.0
152	53.4	43.8	65.8



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

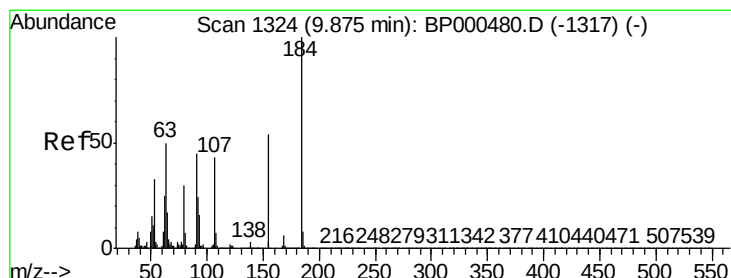
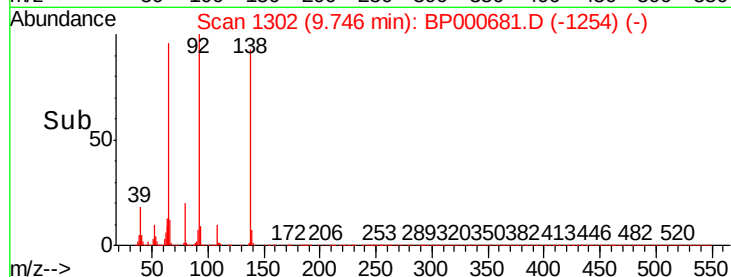
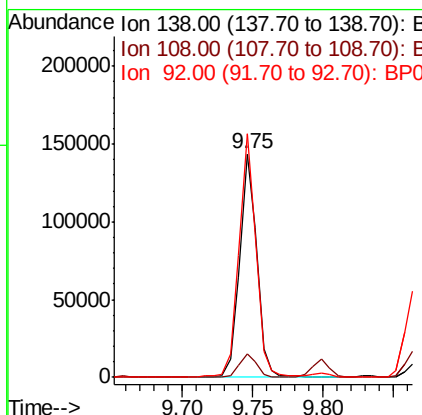
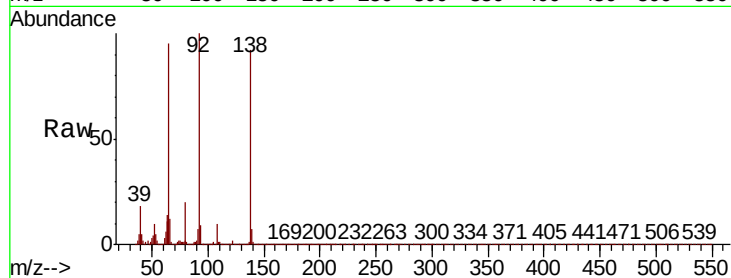




#53
3-Nitroaniline
Concen: 14.088 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

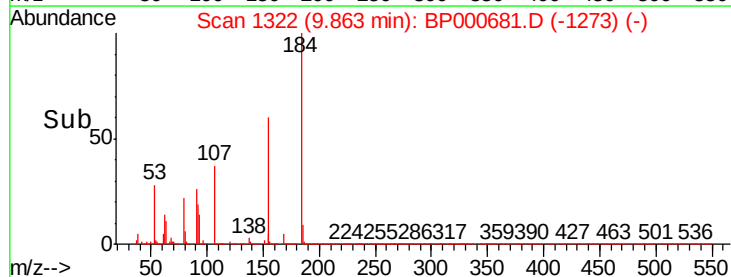
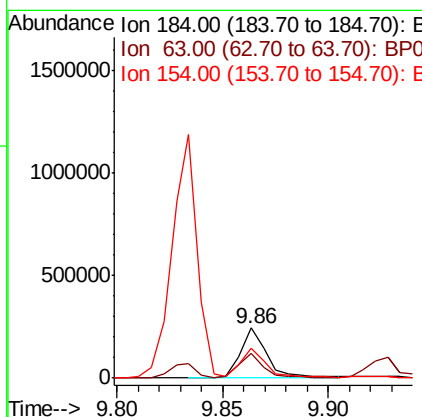
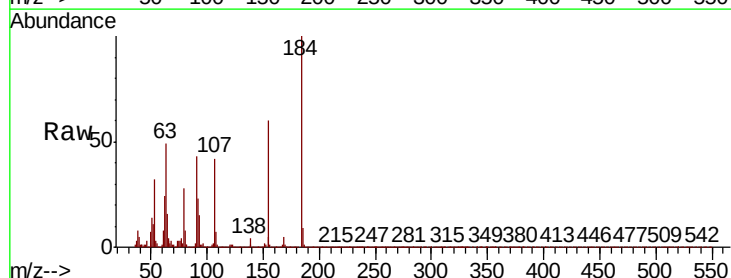
Instrument :
BNA_P
ClientSampleId :

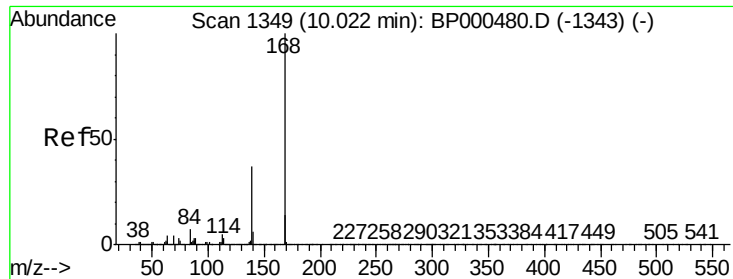
Tot Ion:138 Resp: 121570
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 109.1 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 83.039 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:184 Resp: 208684
Ion Ratio Lower Upper
184 100
63 48.8 41.0 61.4
154 60.4 49.8 74.8





#55

Dibenzofuran

Concen: 39.052 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

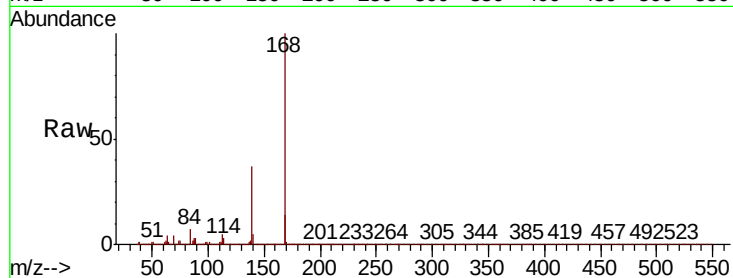
Instrument :

BNA_P

ClientSampled :

Tot Ion:168 Resp: 1549886

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.5	44.3
169	13.7	11.1	16.7

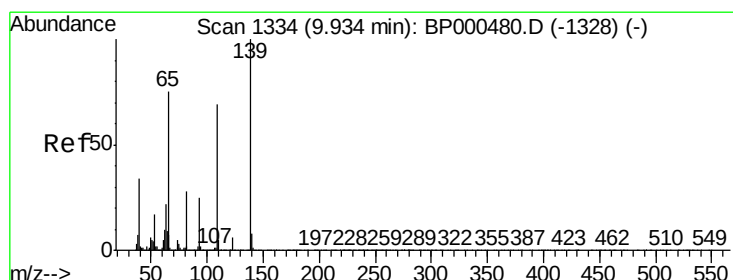
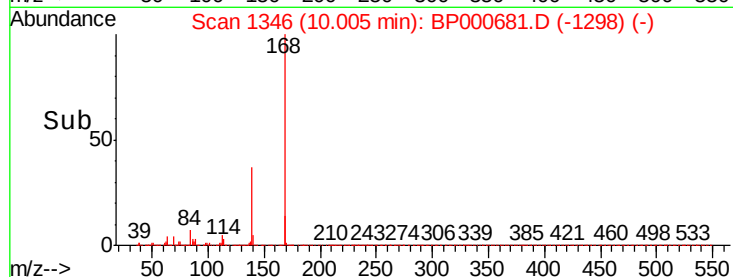
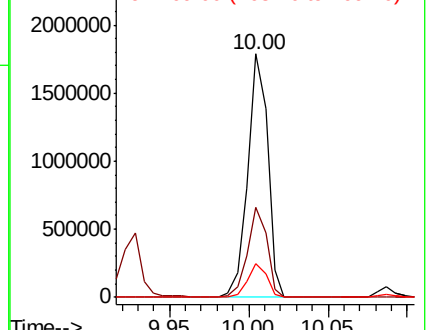


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.387 ng

RT: 9.93 min Scan# 1333

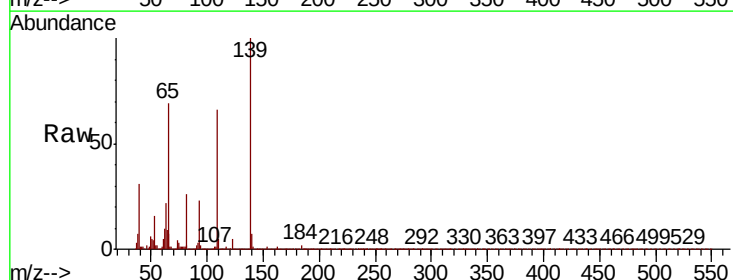
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:139 Resp: 415342

Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.6	88.6
65	69.0	55.3	95.3

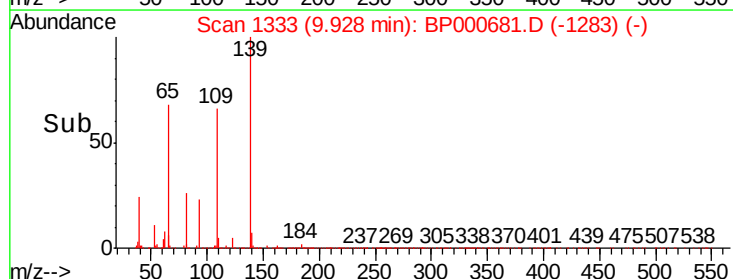
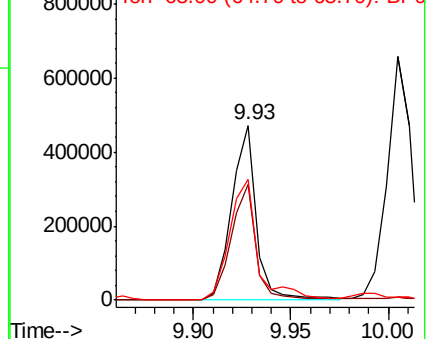


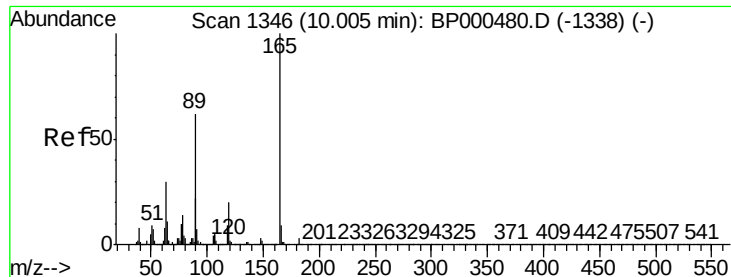
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

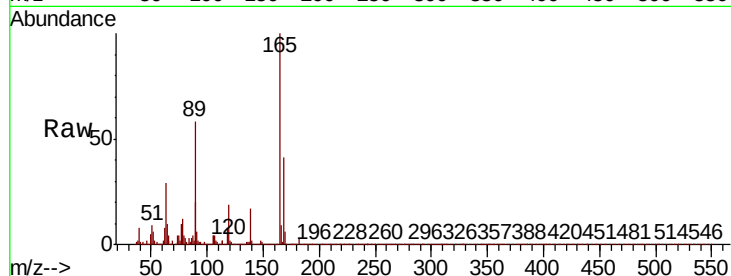




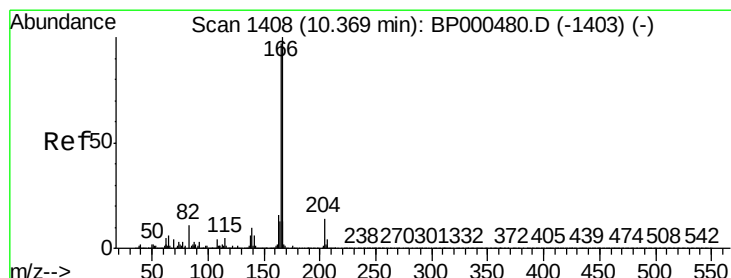
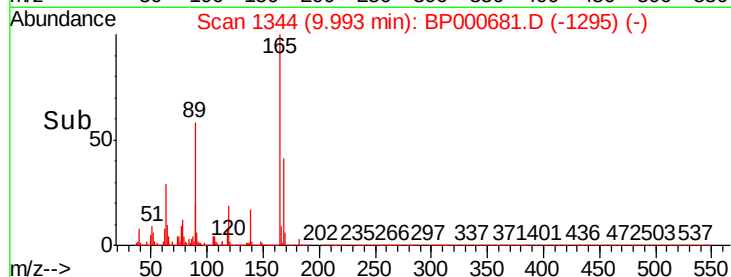
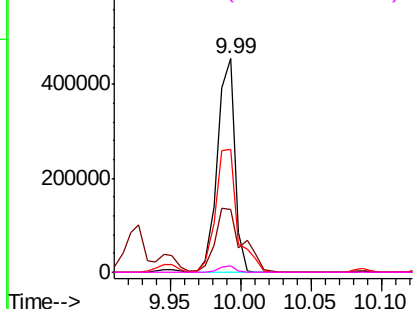
#57
2,4-Dinitrotoluene
Concen: 39.071 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	390153
Ion Ratio	Lower	Upper
165	100	
63	29.4	24.2 36.4
89	57.8	49.4 74.0
182	3.0	2.5 3.7

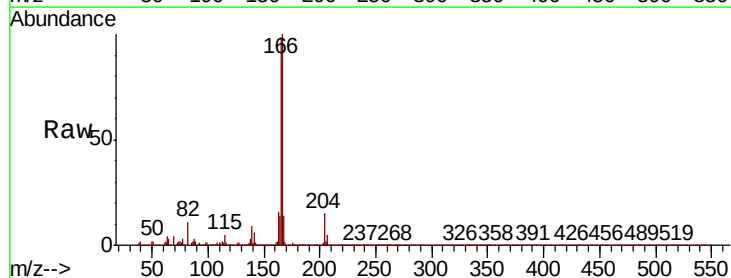


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

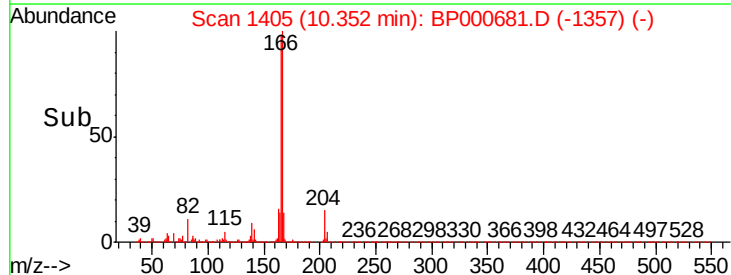
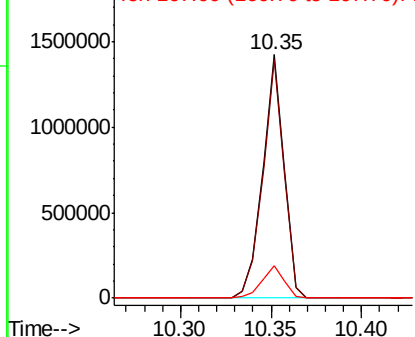


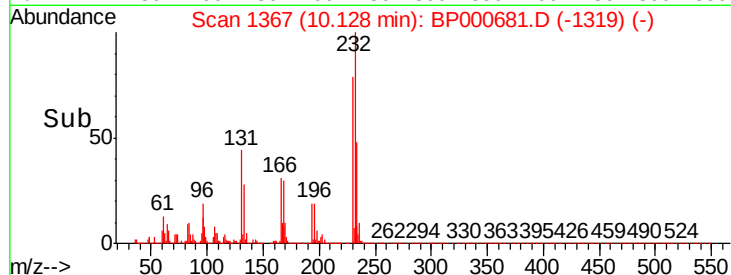
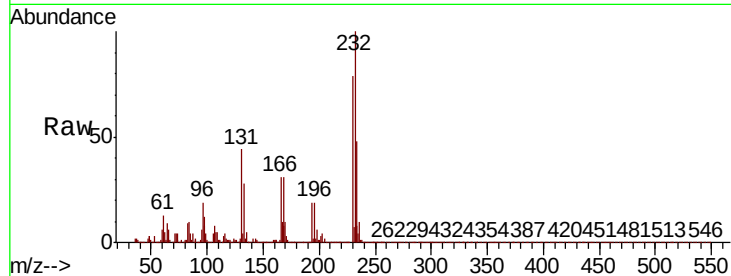
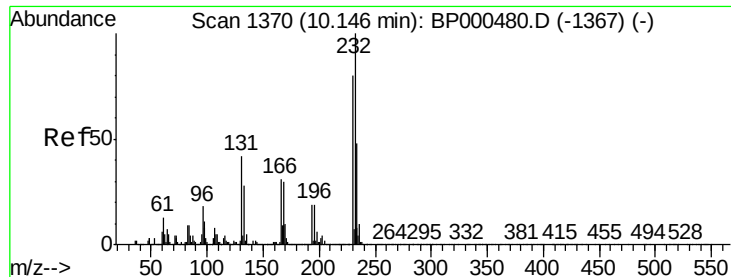
#58
Fluorene
Concen: 41.234 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:166	Resp:	1166321
Ion Ratio	Lower	Upper
166	100	
165	98.1	77.3 115.9
167	13.6	10.6 16.0



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

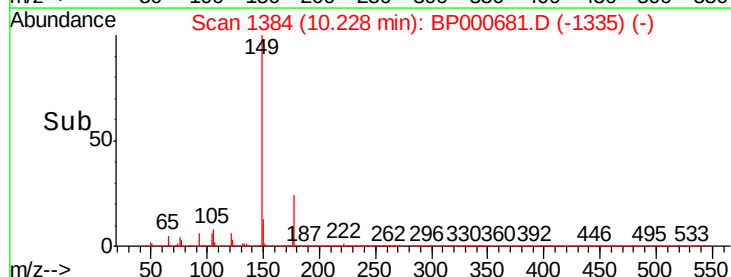
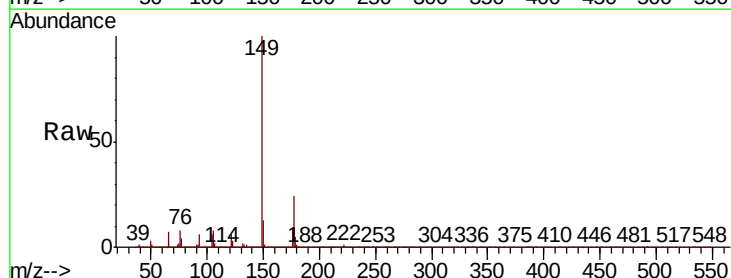
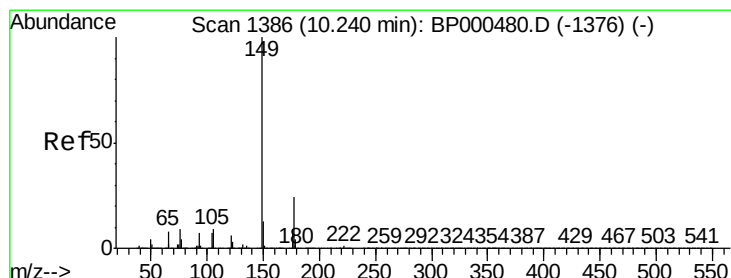
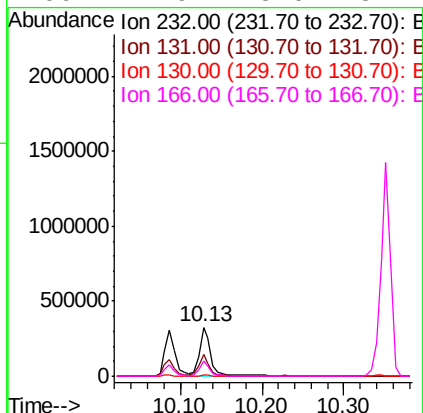




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.196 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

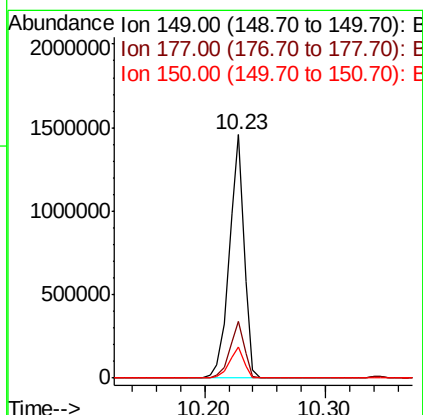
Instrument :
BNA_P
ClientSampleId :

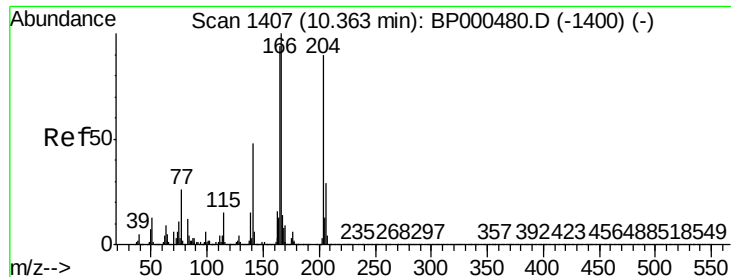
Tot Ion:	232	Resp:	322842
Ion	Ratio	Lower	Upper
232	100		
131	39.0	32.1	48.1
130	2.0	1.6	2.4
166	27.9	23.0	34.4



#60
Diethylphthalate
Concen: 37.652 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:	149	Resp:	1234368
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.7	10.8	16.2

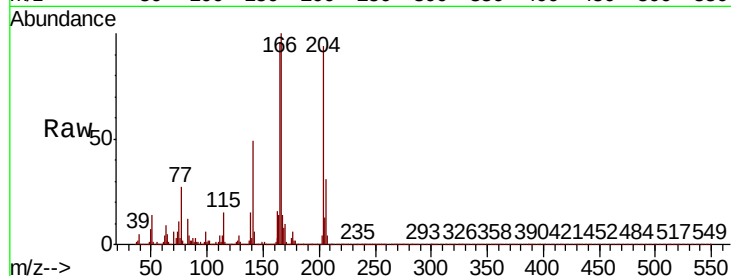




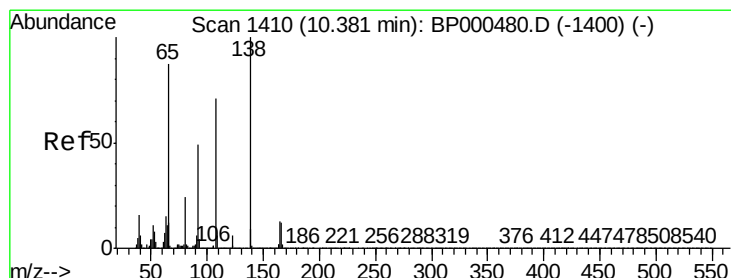
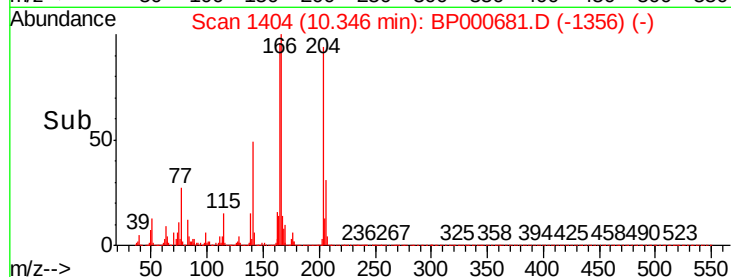
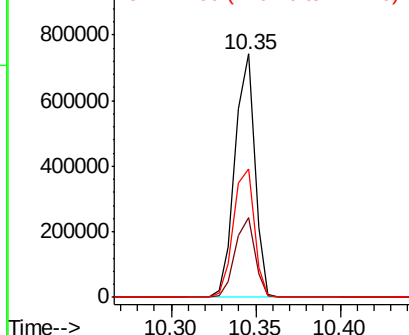
#61
4-Chlorophenyl-phenylether
Concen: 39.856 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	52.7	42.8	64.2

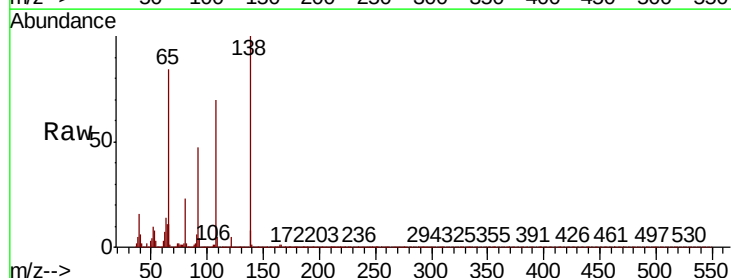


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

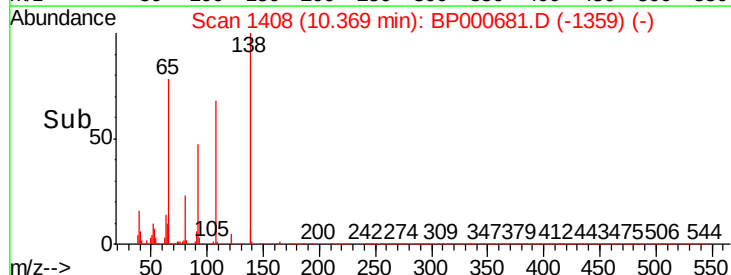
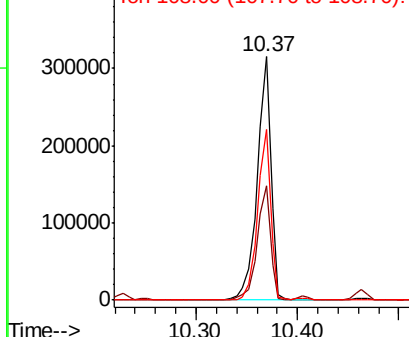


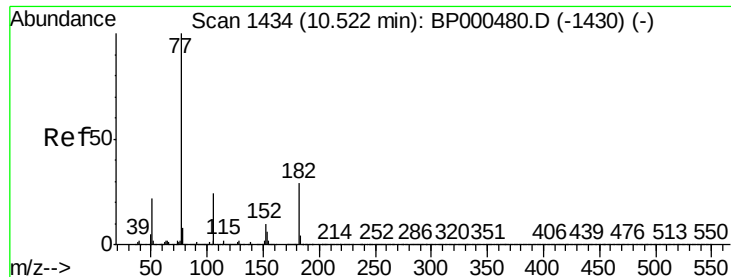
#62
4-Nitroaniline
Concen: 35.861 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.7	68.7
108	70.3	50.6	90.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E

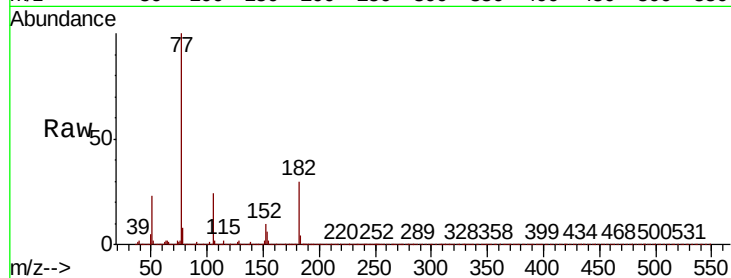




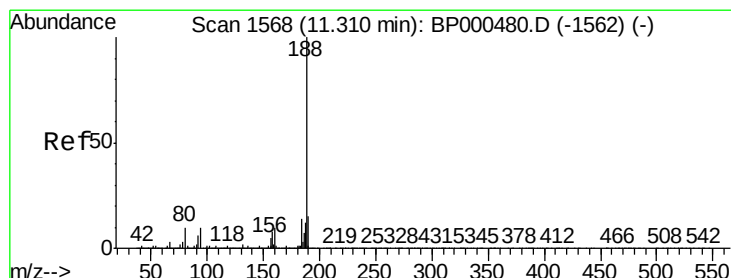
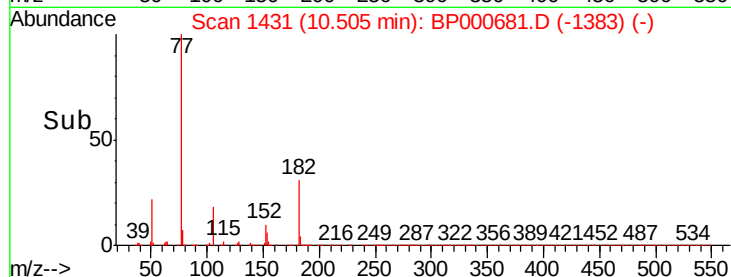
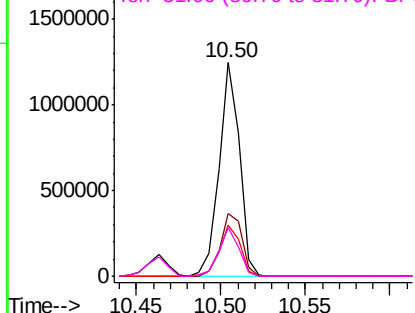
#63
Azobenzene
Concen: 41.565 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	1046202
Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.0	49.0
105	24.2	3.8	43.8
51	22.6	1.9	41.9

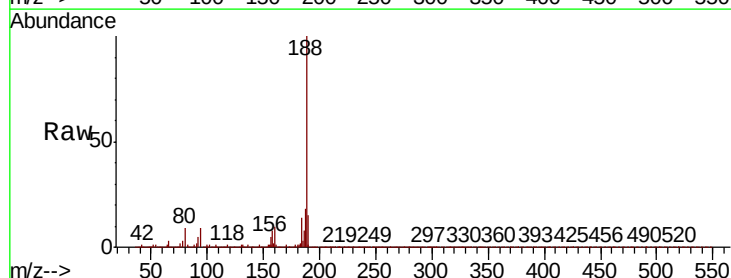


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

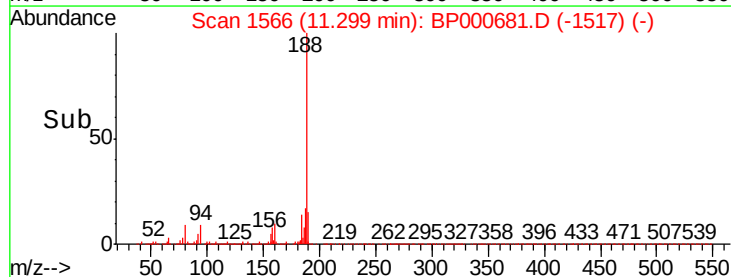
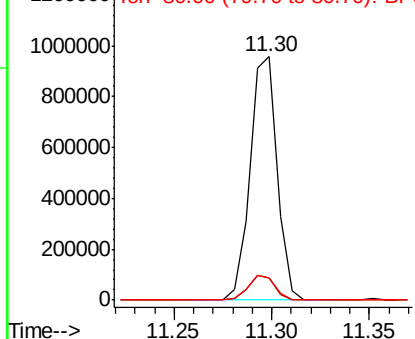


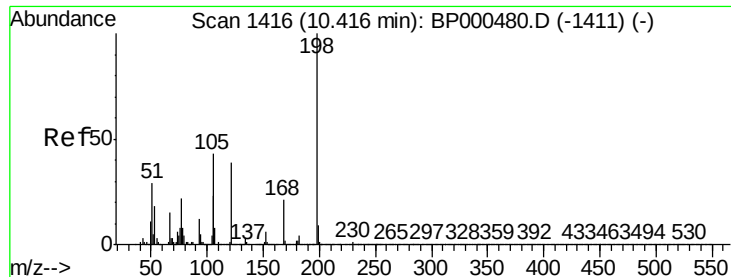
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:	188	Resp:	916915
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.3	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 43.068 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

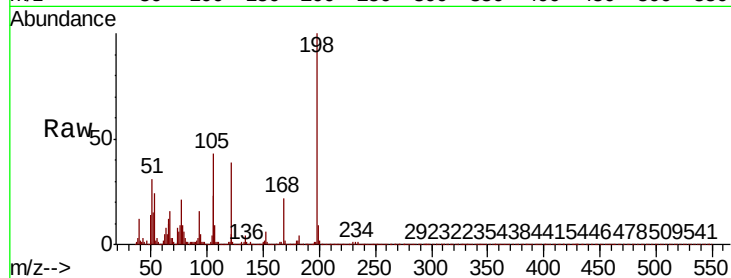
Tot Ion:198 Resp: 175057

Ion Ratio Lower Upper

198 100

51 31.4 12.8 52.8

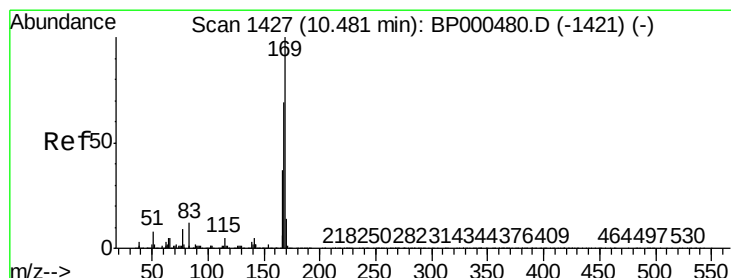
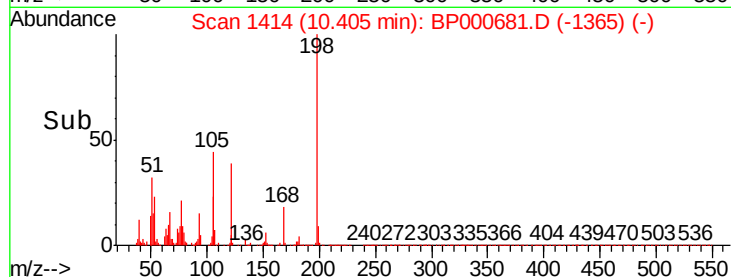
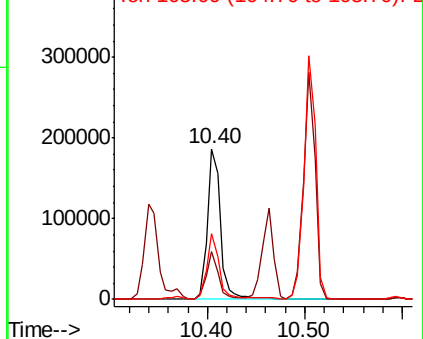
105 43.4 24.0 64.0



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: 40.338 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

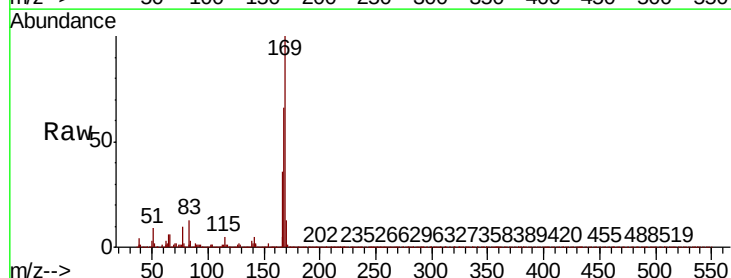
Tgt Ion:169 Resp: 1077228

Ion Ratio Lower Upper

169 100

168 66.1 55.4 83.2

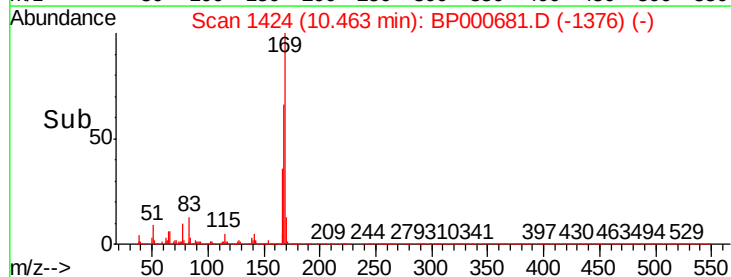
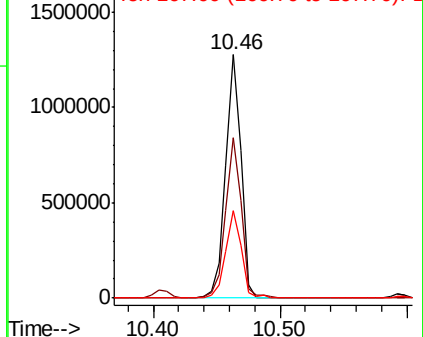
167 35.7 29.4 44.2

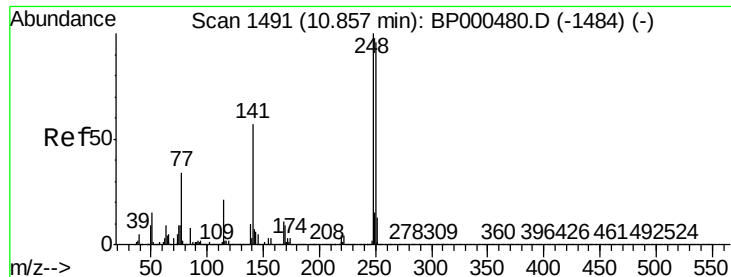


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.819 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BP000681.D

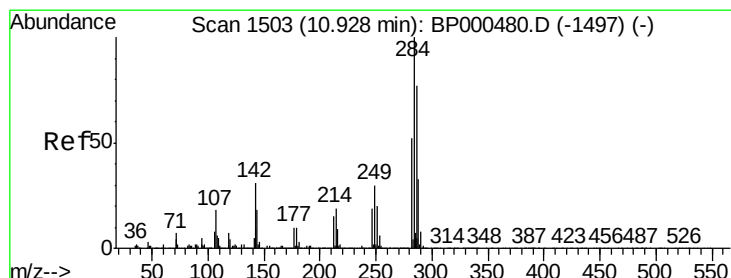
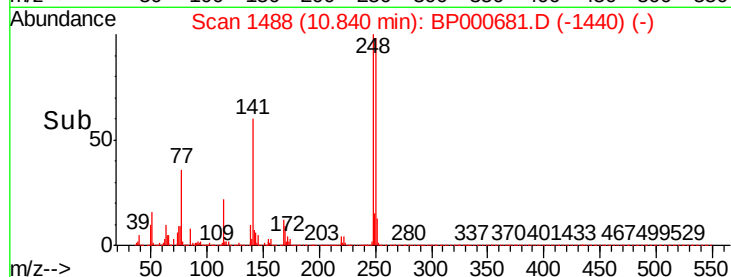
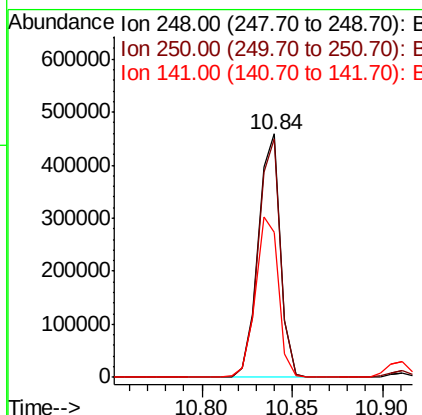
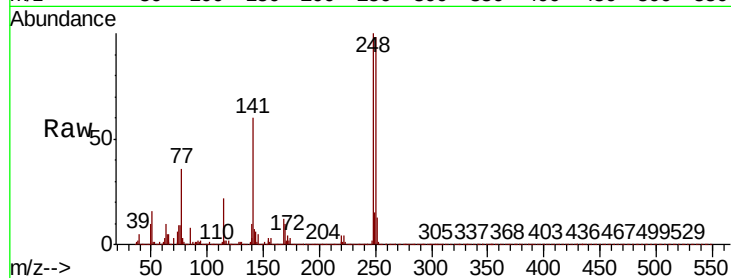
Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	248	Resp:	390343
Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.2	115.8
141	59.7	45.3	67.9



#68

Hexachlorobenzene

Concen: 36.082 ng

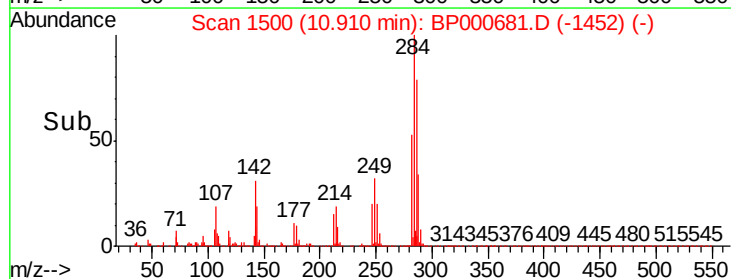
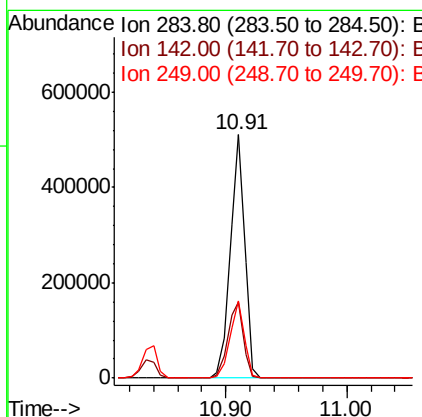
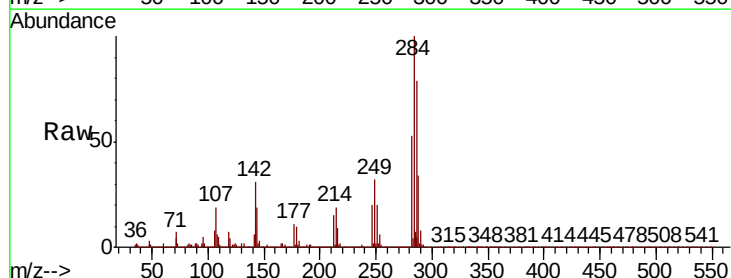
RT: 10.91 min Scan# 1500

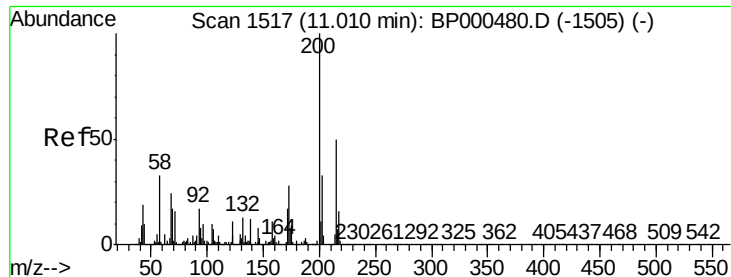
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	284	Resp:	423211
Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.6	37.0
249	31.7	24.1	36.1





#69

Atrazine

Concen: 38.586 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

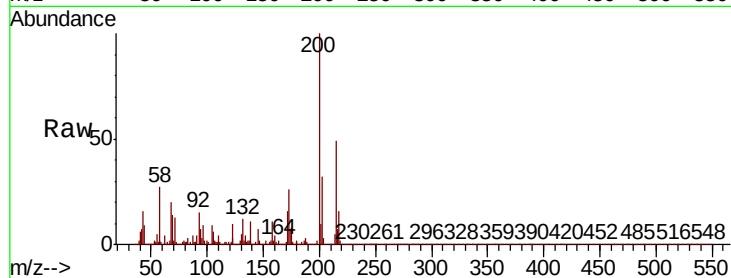
Tot Ion:200 Resp: 338156

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

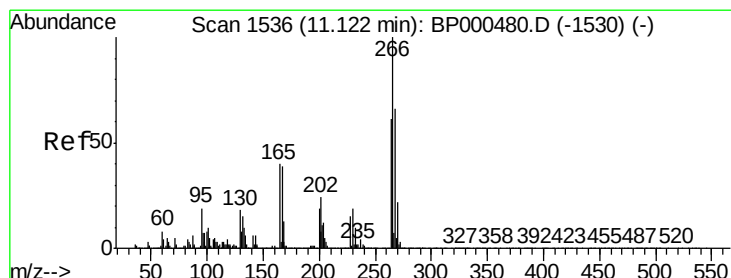
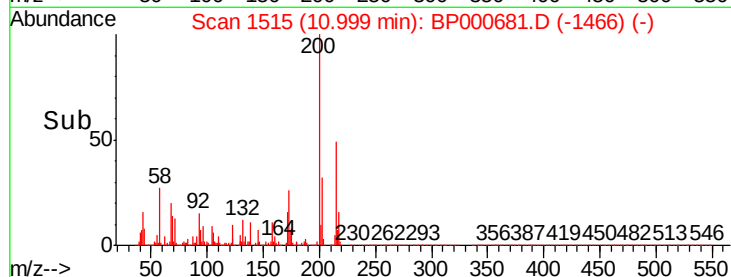
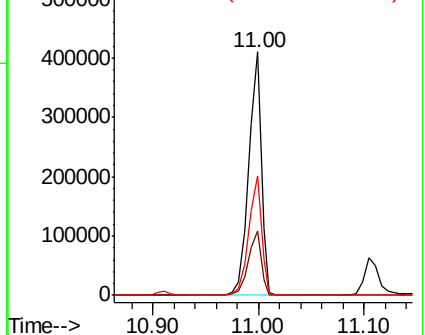
215 49.3 29.5 69.5



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: 77.075 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

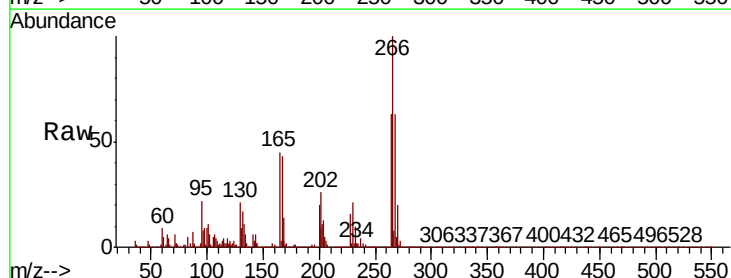
Tgt Ion:266 Resp: 363096

Ion Ratio Lower Upper

266 100

268 62.7 53.2 79.8

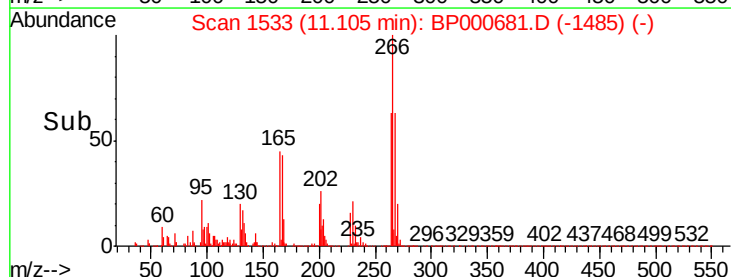
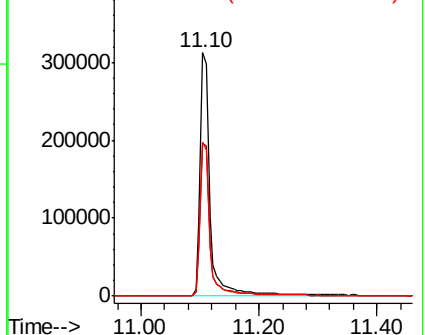
264 63.2 49.0 73.4

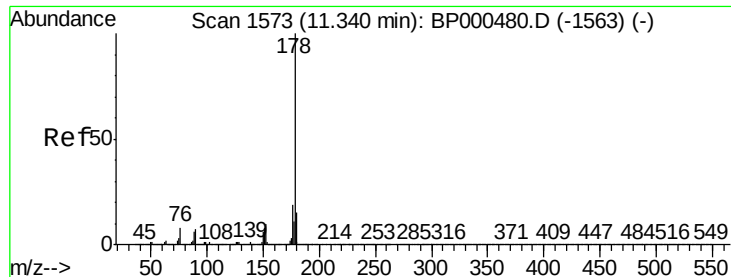


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

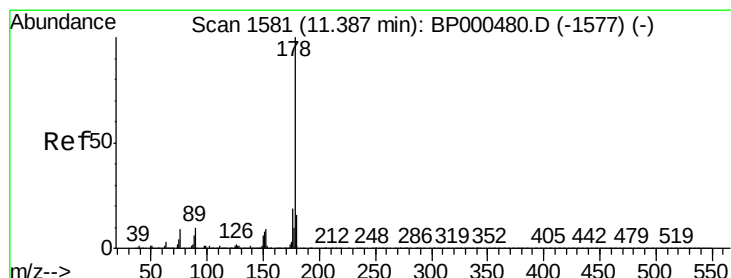
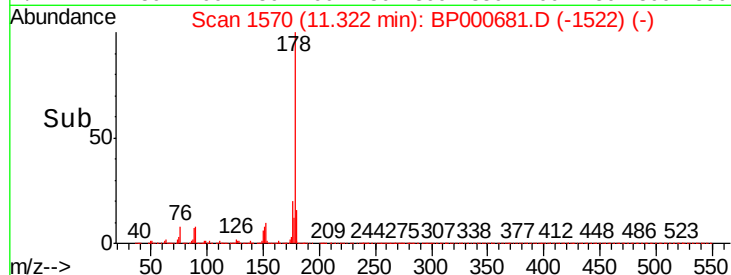
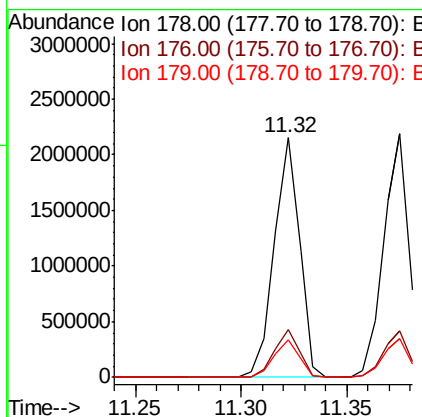
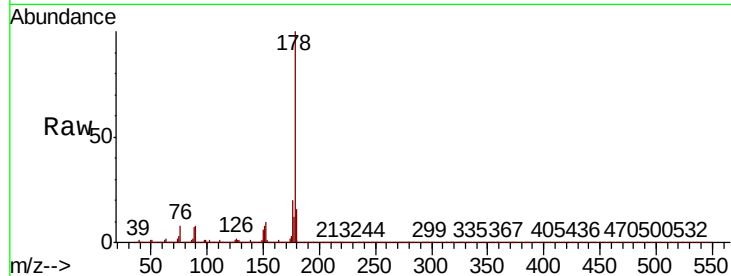




#71
Phenanthrene
Concen: 39.158 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

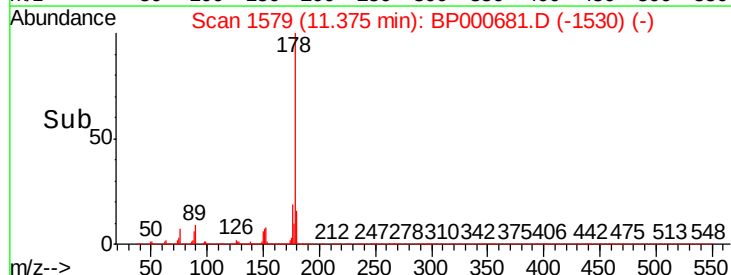
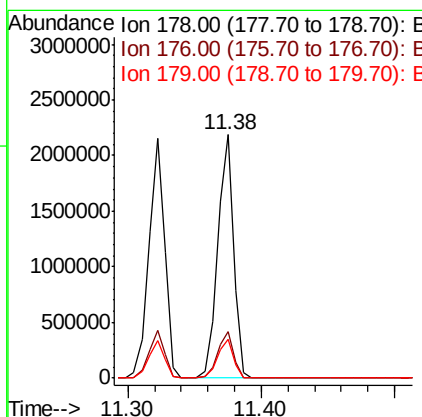
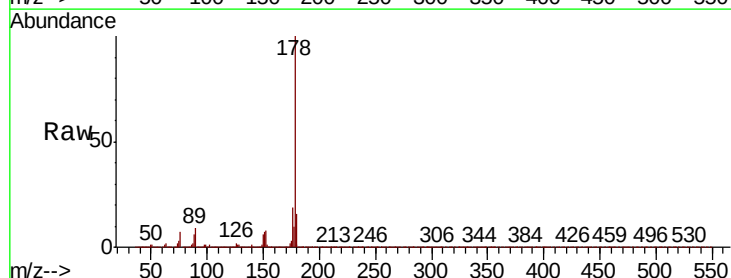
Instrument :
BNA_P
ClientSampled :

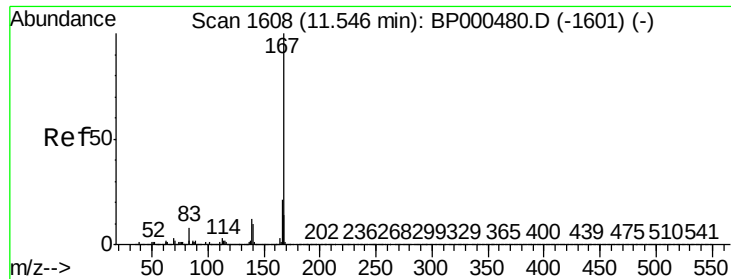
Tot Ion:178 Resp: 1803232
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.7 12.2 18.4



#72
Anthracene
Concen: 40.264 ng
RT: 11.38 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:178 Resp: 1838419
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.8 12.6 19.0

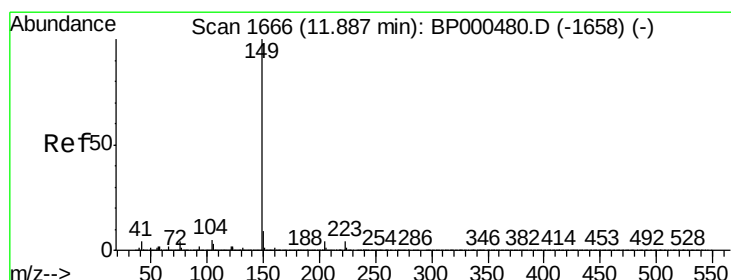
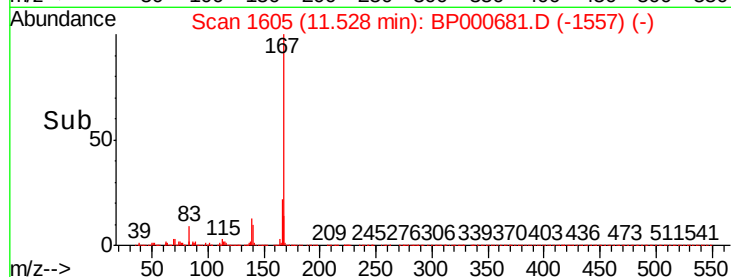
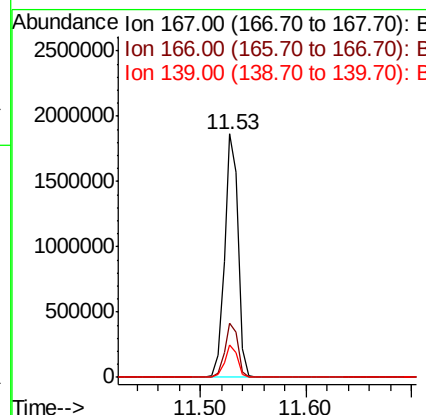
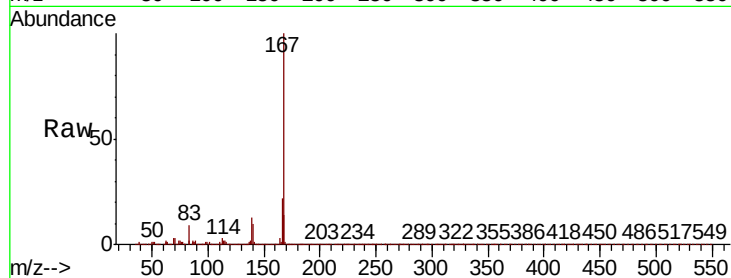




#73
 Carbazole
 Concen: 39.668 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

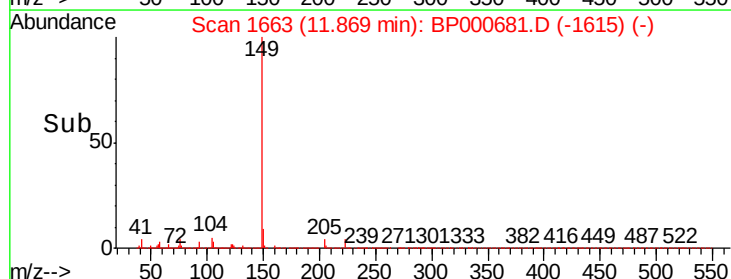
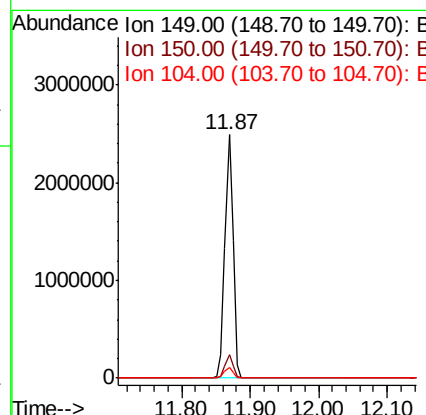
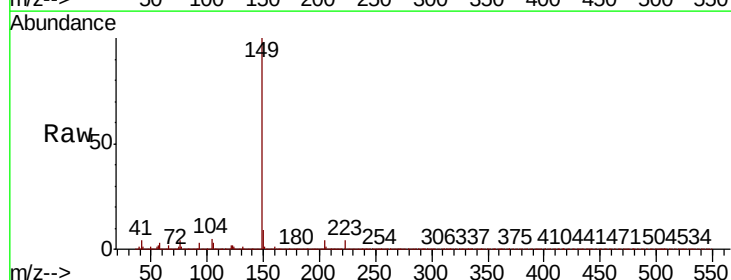
Instrument :
 BNA_P
 ClientSampled :

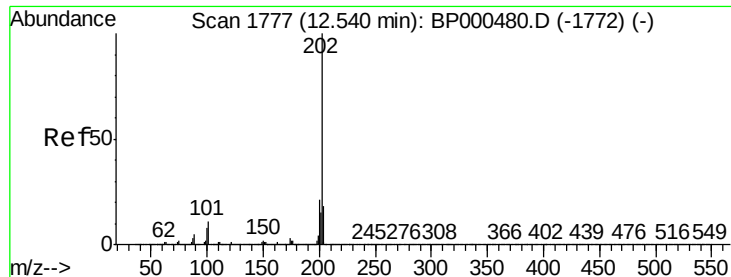
Tot Ion:167 Resp: 1678992
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.9 25.3
 139 13.2 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 38.589 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Tgt Ion:149 Resp: 1989657
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 38.894 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

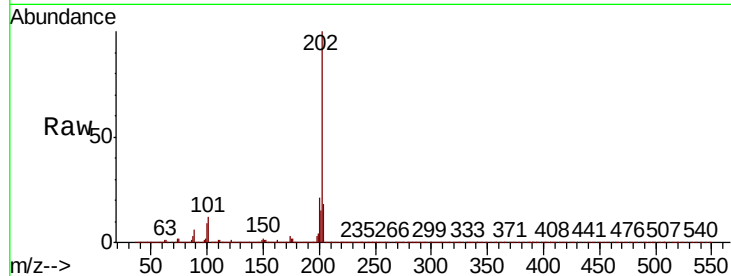
Tot Ion:202 Resp: 2011548

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.3

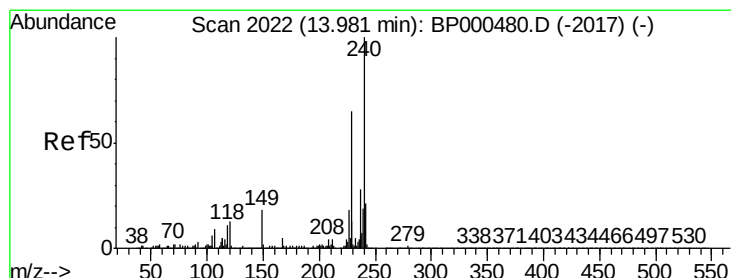
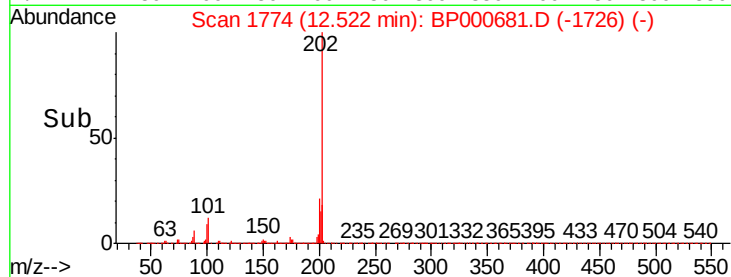
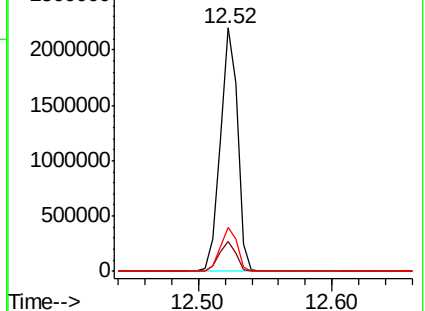
203 18.0 0.0 38.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

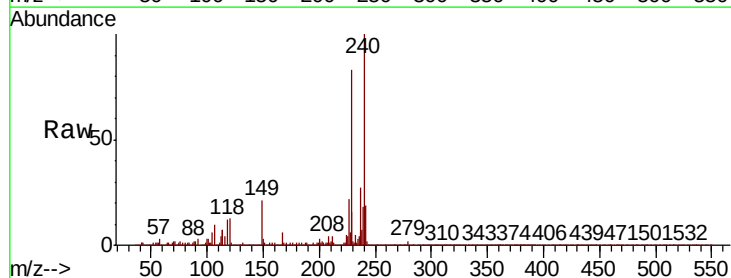
Tgt Ion:240 Resp: 723874

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

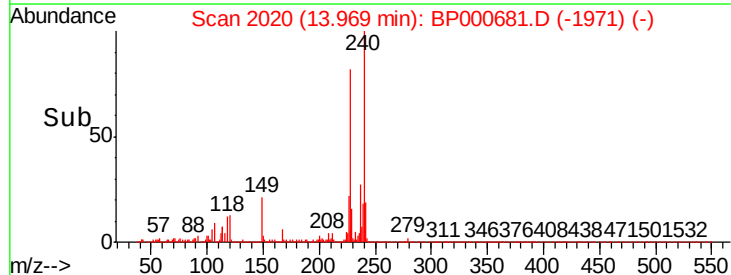
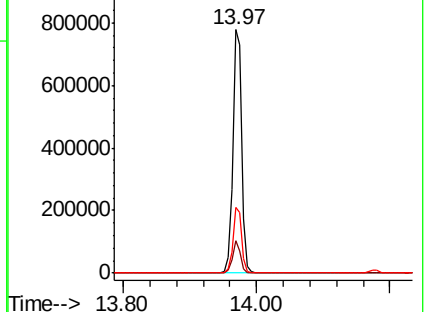
236 26.8 22.7 34.1

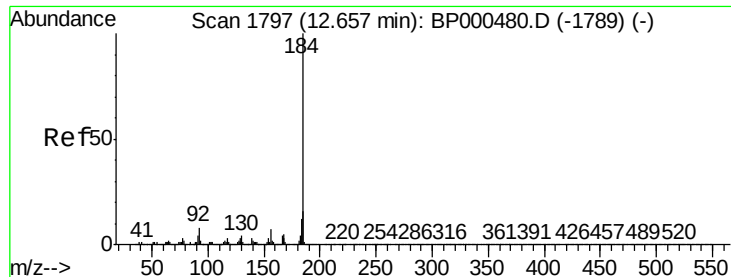


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.818 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

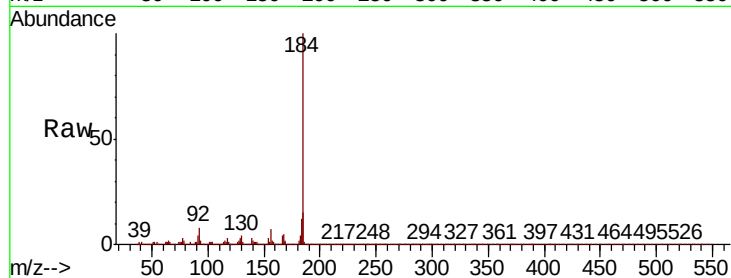
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 750799

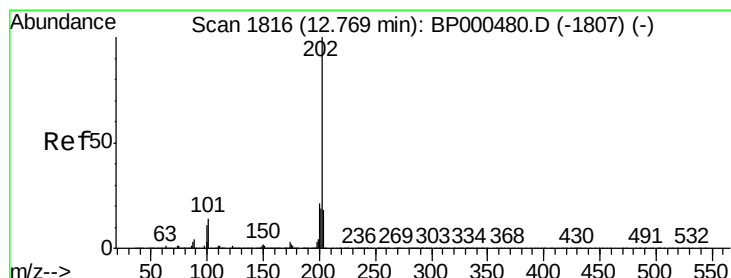
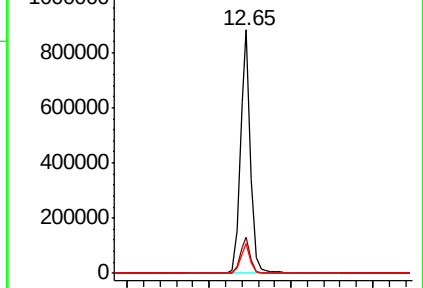
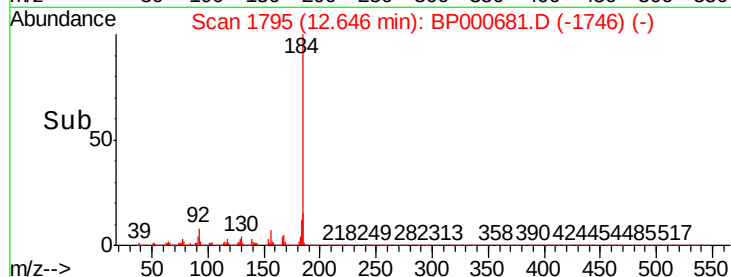
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.7	19.1
183	12.0	9.7	14.5



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: 40.684 ng

RT: 12.76 min Scan# 1814

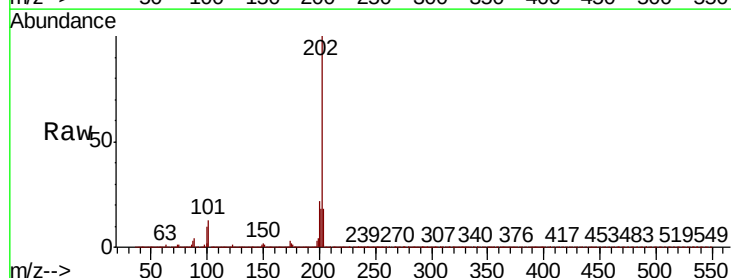
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:202 Resp: 2031176

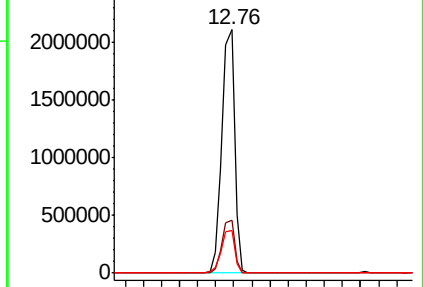
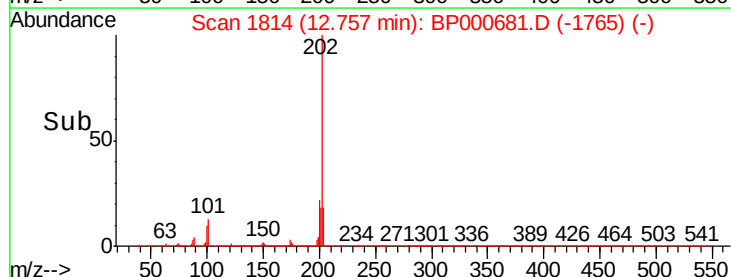
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	17.6	14.6	21.8

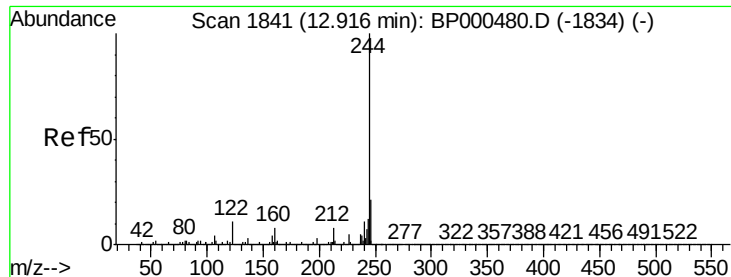


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.454 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

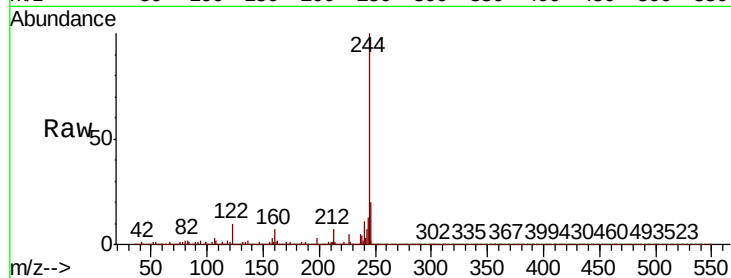
Tot Ion:244 Resp: 2876372

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

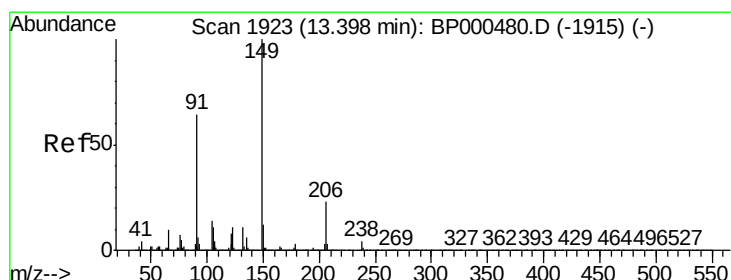
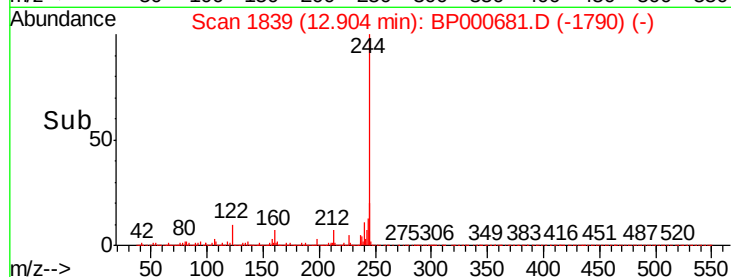
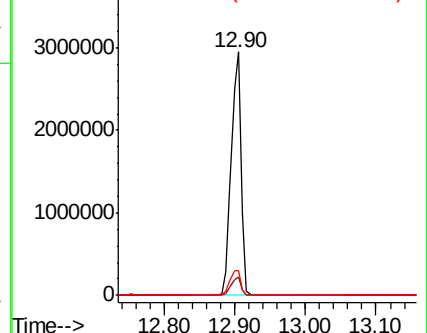
122 10.4 8.9 13.3



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: 39.524 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

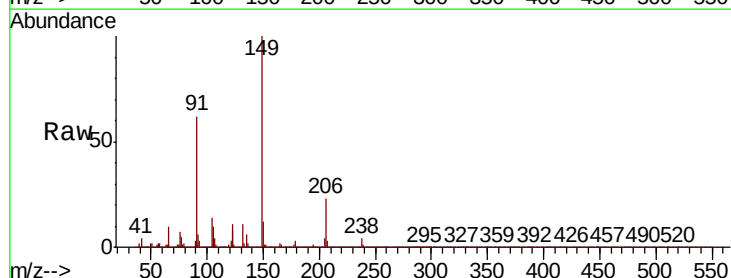
Tgt Ion:149 Resp: 859850

Ion Ratio Lower Upper

149 100

91 62.1 51.0 76.4

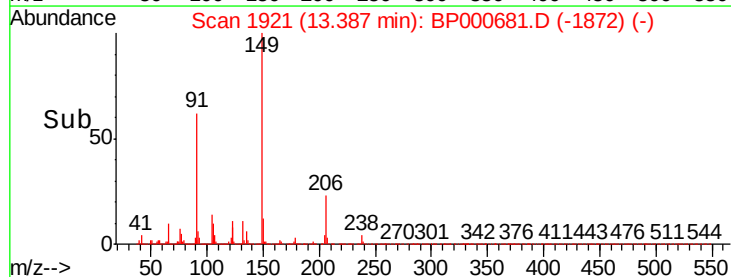
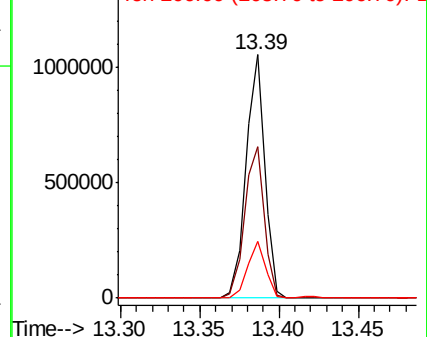
206 23.1 18.2 27.4

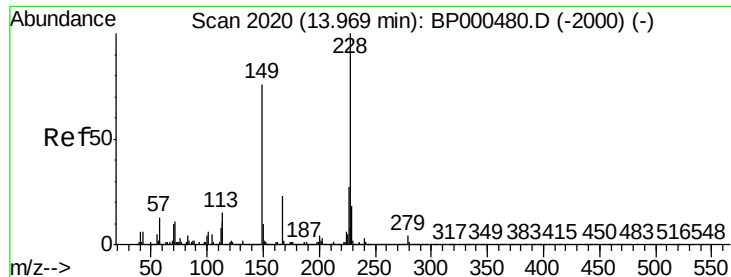


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.020 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

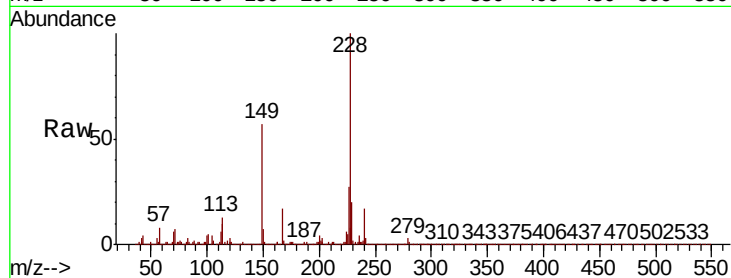
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1723399

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	19.6	14.7	22.1

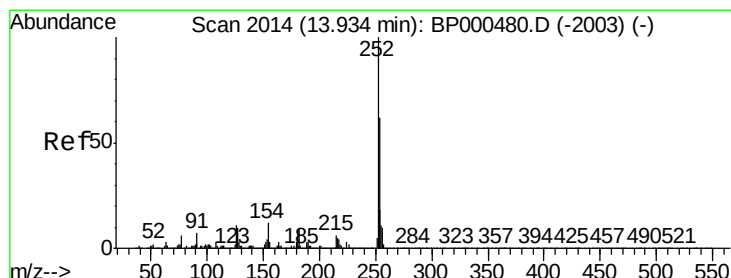
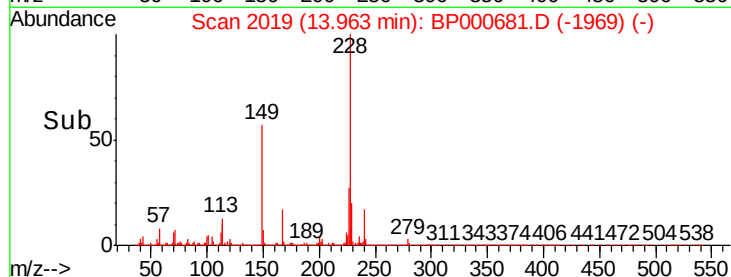
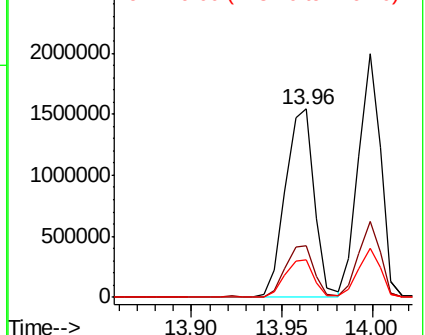


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.934 ng

RT: 13.92 min Scan# 2012

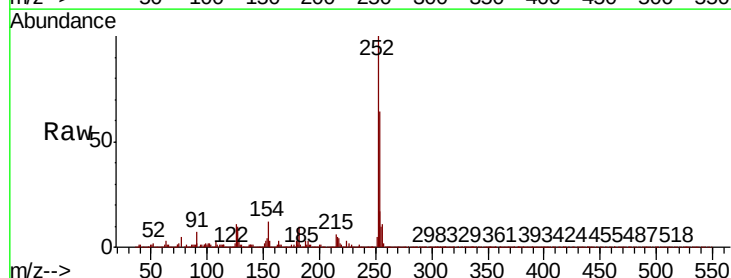
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:252 Resp: 419875

Ion	Ratio	Lower	Upper
252	100		
254	64.5	49.8	74.8
126	10.6	8.9	13.3

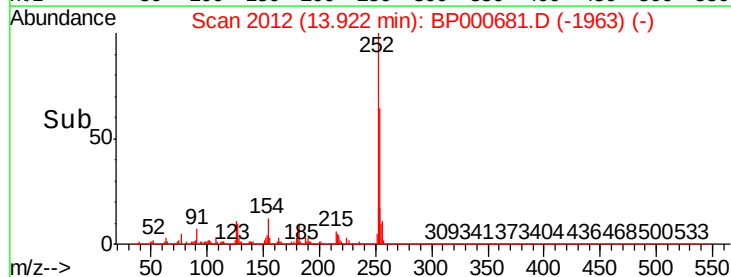
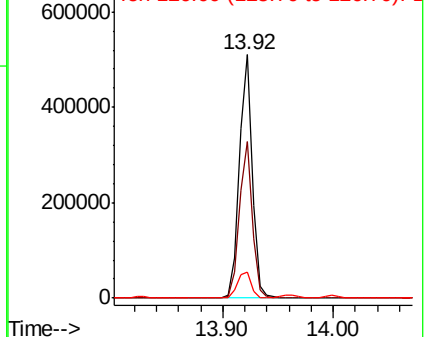


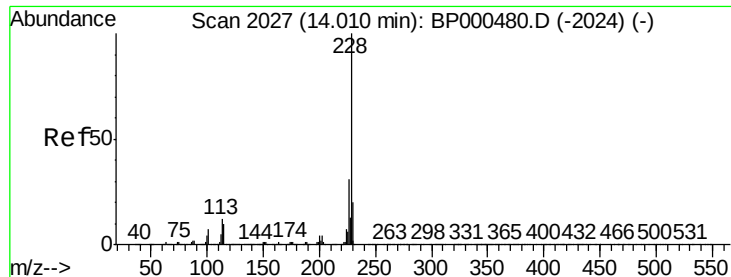
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.694 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

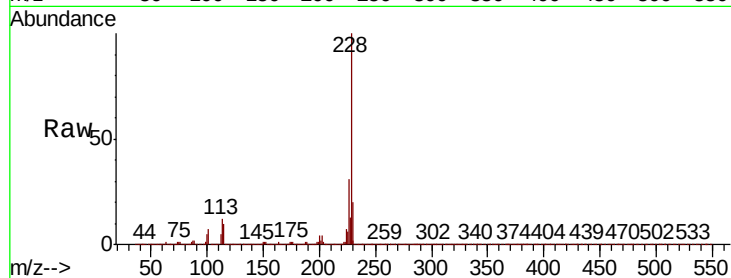
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1720732

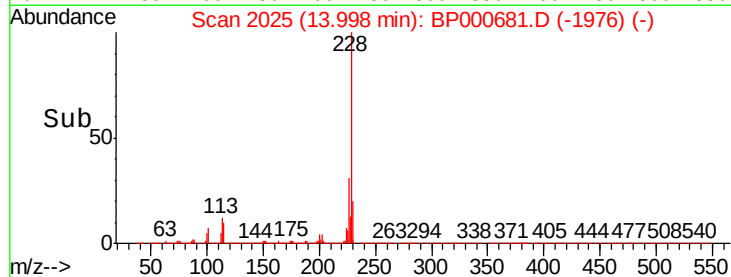
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	20.3	16.3	24.5



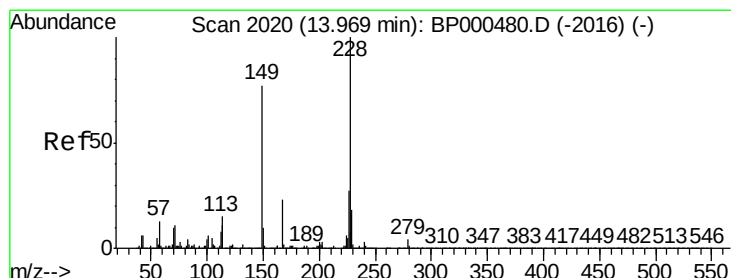
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.672 ng

RT: 13.96 min Scan# 2018

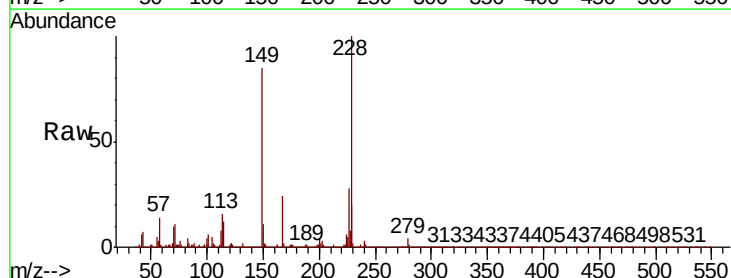
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:149 Resp: 1085483

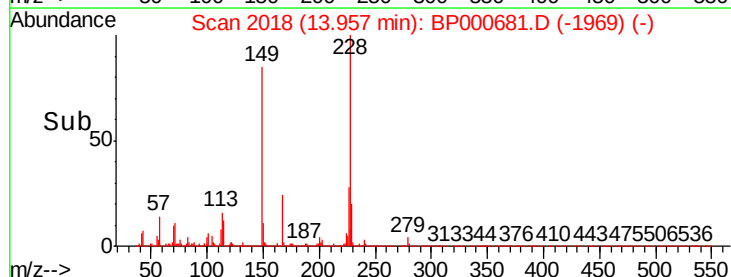
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.6	35.4
279	4.6	3.9	5.9



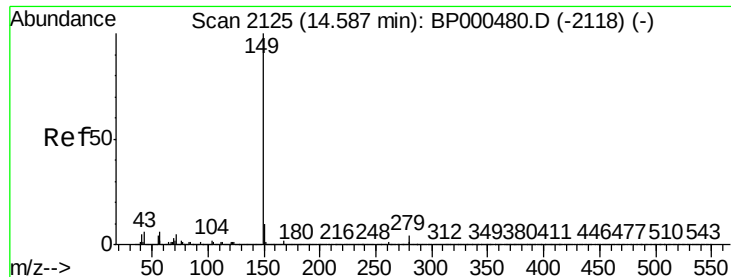
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 40.770 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

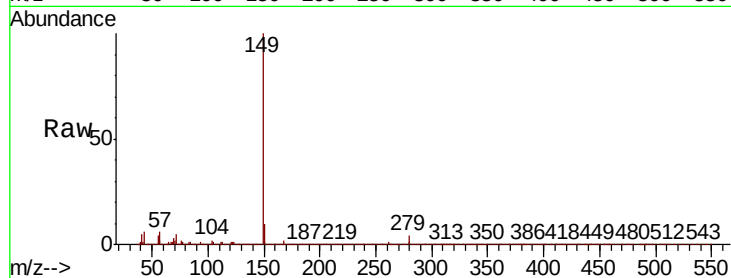
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 2021933

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.6	4.6	7.0

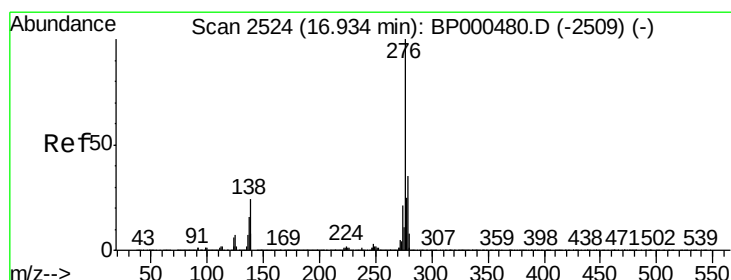
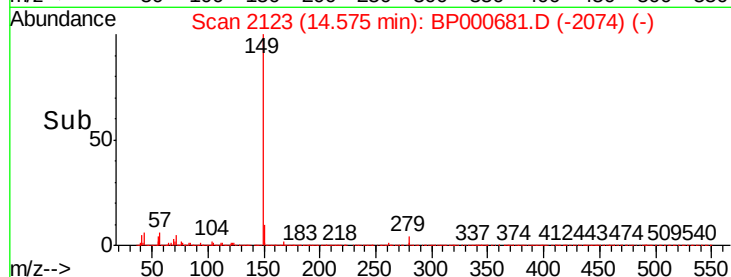
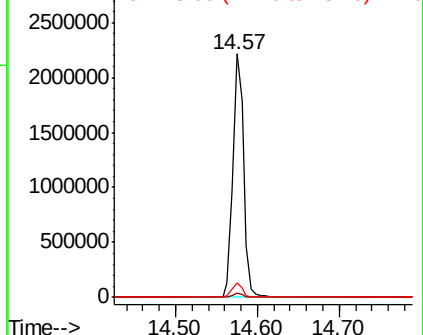


Abundance

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: 37.249 ng

RT: 16.92 min Scan# 2521

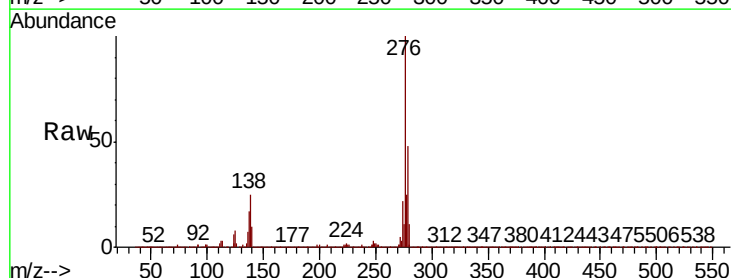
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:276 Resp: 2017026

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.9	31.3
277	25.3	20.6	30.8

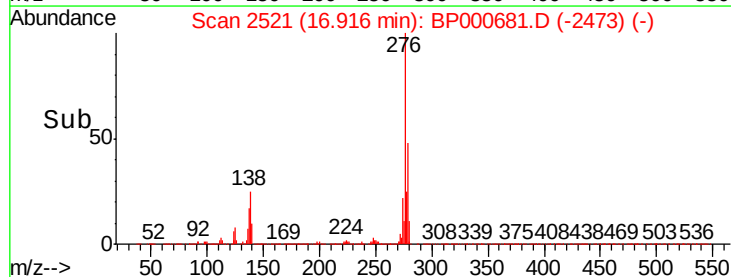
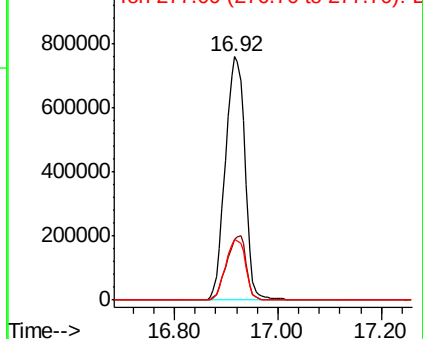


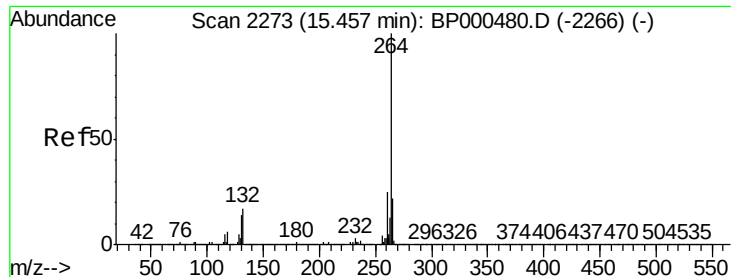
Abundance

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: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

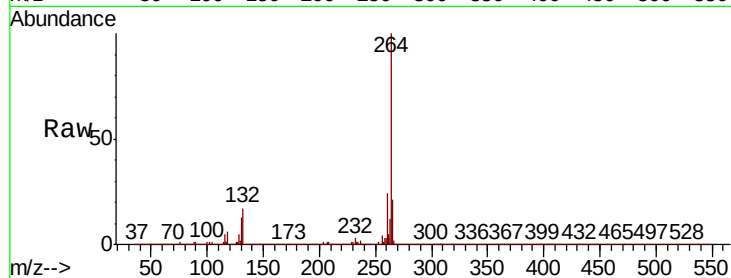
Tot Ion:264 Resp: 819148

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

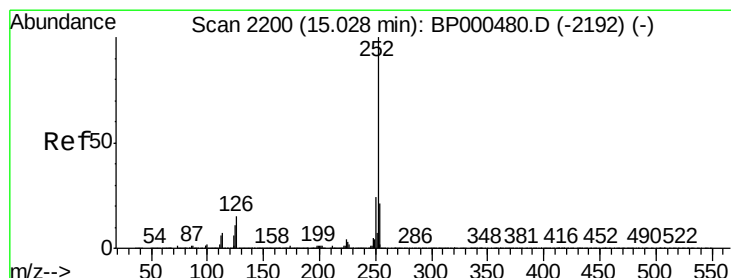
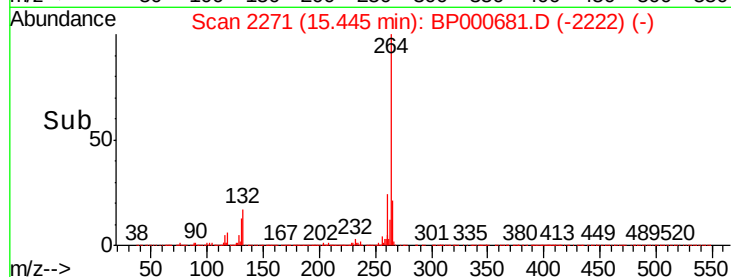
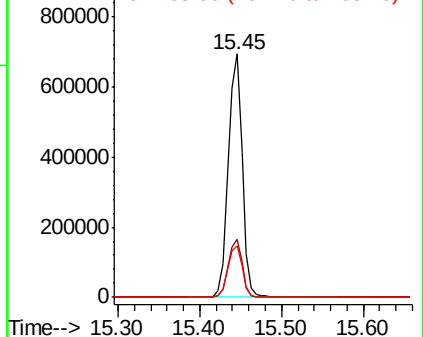
265 21.2 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.604 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

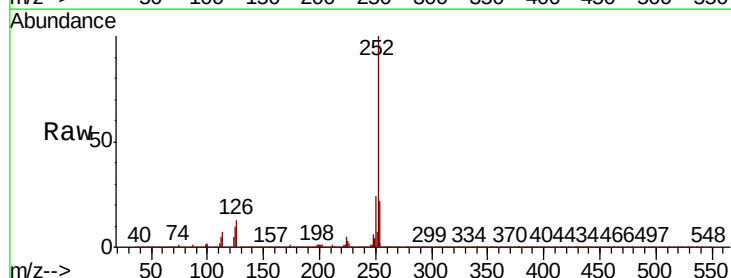
Tgt Ion:252 Resp: 1840504

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

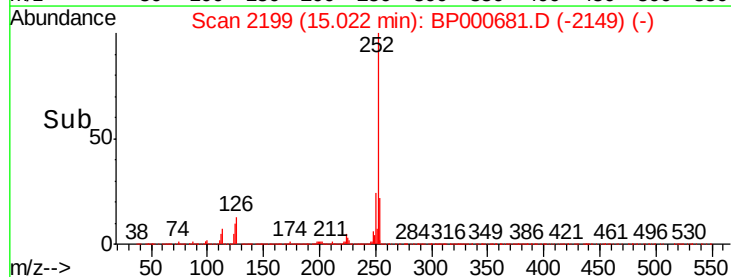
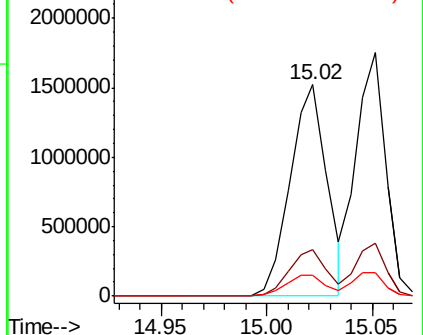
125 10.2 8.9 13.3

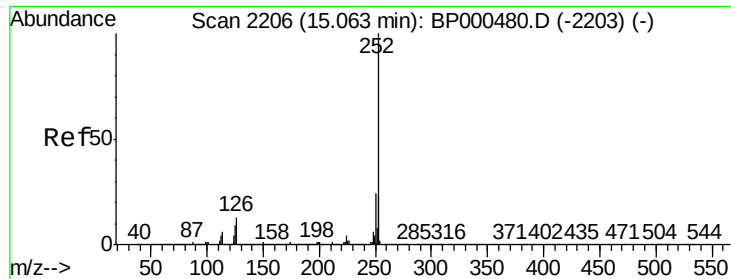


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

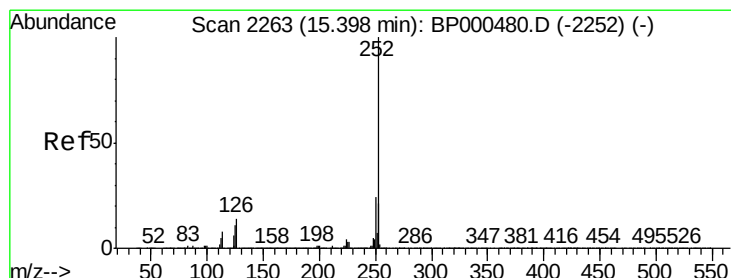
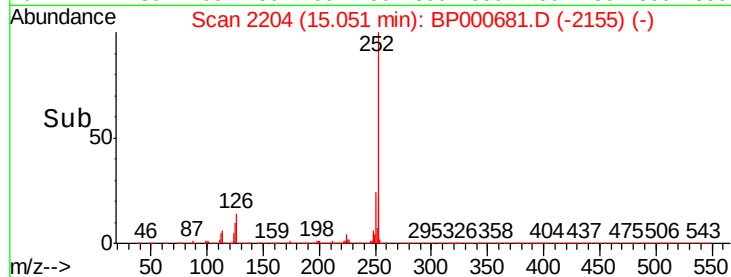
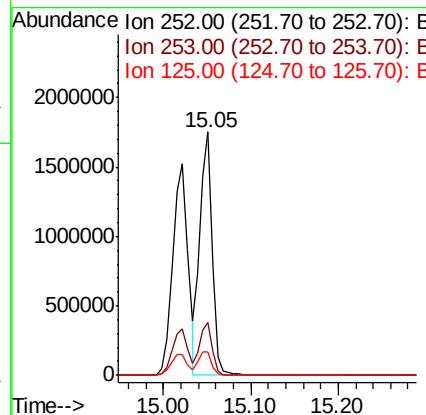
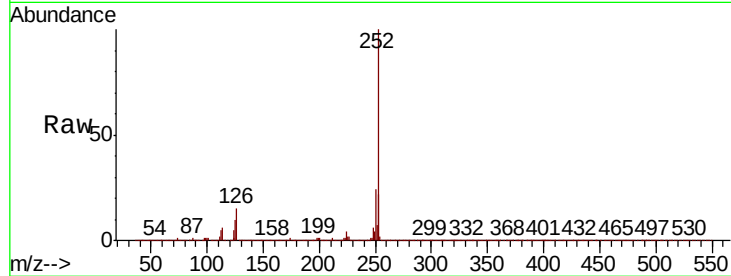




#89
Benzo(k)fluoranthene
Concen: 39.446 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

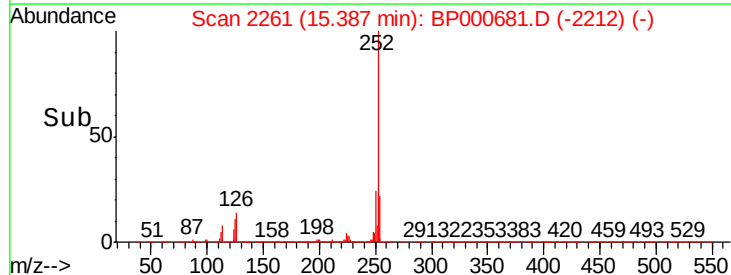
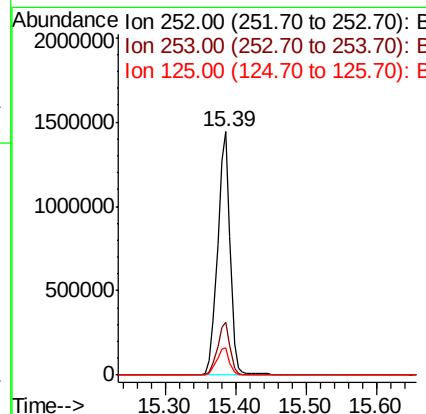
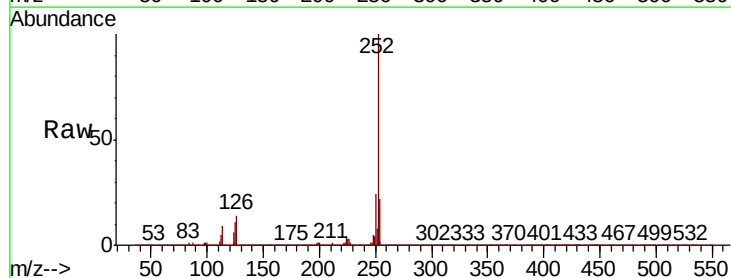
Instrument :
BNA_P
ClientSampleId :

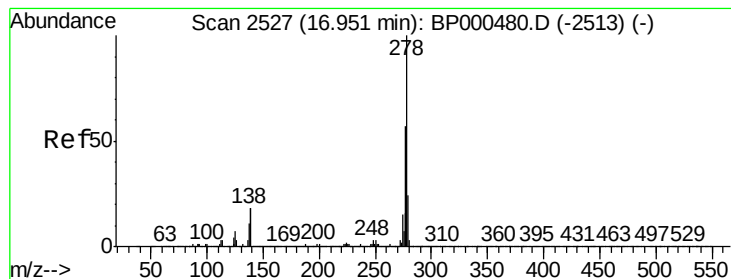
Tot Ion:252 Resp: 1745257
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 9.9 7.8 11.8



#90
Benzo(a)pyrene
Concen: 41.076 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:252 Resp: 1779477
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 39.438 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

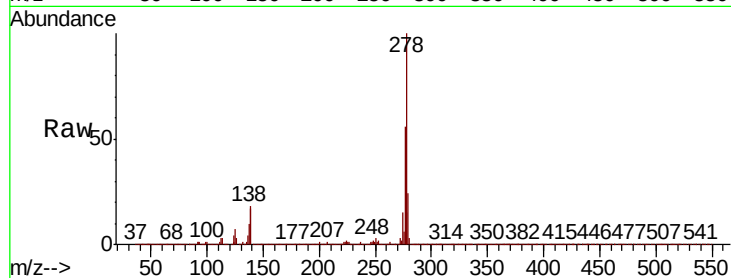
Instrument :

BNA_P

ClientSampled :

Tot Ion:278 Resp: 1657033

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.7	19.5	29.3

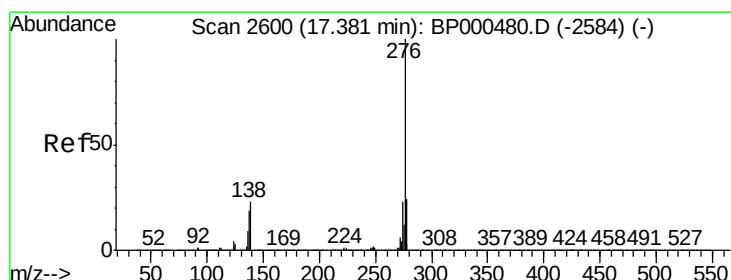
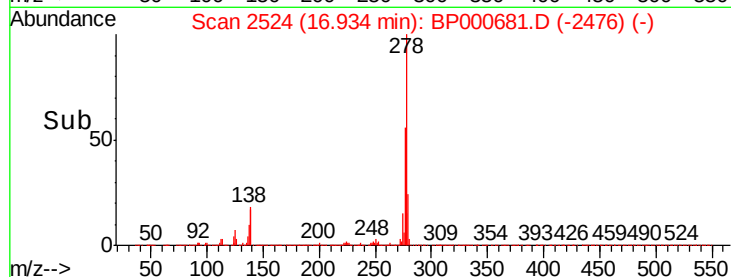
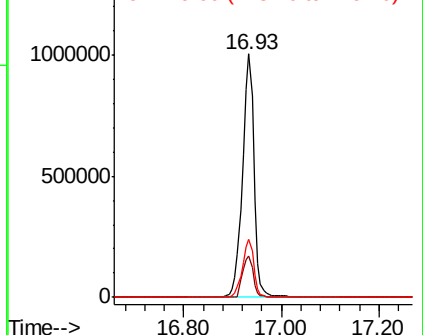


Abundance

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: 39.635 ng

RT: 17.36 min Scan# 2597

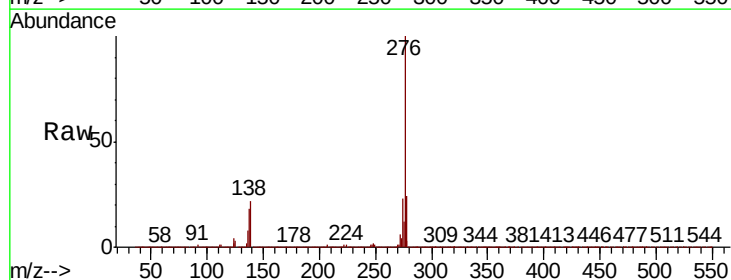
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:276 Resp: 1692203

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	22.1	18.5	27.7



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

