

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000680.D
 Acq On : 12 Oct 2019 20:22
 Operator : JU
 Sample : K5298-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:37:08 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	240875	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	868480	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	483348	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	912029	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	736888	20.00	ng	0.00
87) Perylene-d12	15.45	264	834220	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1563735	104.35	ng	-0.01
7) Phenol-d6	6.39	99	2012092	111.43	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1138832	80.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	621968	120.76	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2416792	80.90	ng	-0.02
79) Terphenyl-d14	12.90	244	2901235	79.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	198314	33.141	ng	100
3) Pyridine	3.22	79	488332	29.868	ng	98
4) n-Nitrosodimethylamine	3.15	42	162925	35.413	ng	99
6) Aniline	6.41	93	351987	16.045	ng	# 1
8) 2-Chlorophenol	6.54	128	552127	37.334	ng	98
9) Benzaldehyde	6.29	77	301368	32.040	ng	99
10) Phenol	6.40	94	748799	40.501	ng	100
11) bis(2-Chloroethyl)ether	6.49	93	518100	36.424	ng	98
12) 1,3-Dichlorobenzene	6.69	146	623330	34.770	ng	98
13) 1,4-Dichlorobenzene	6.77	146	632177	35.044	ng	98
14) 1,2-Dichlorobenzene	6.92	146	583463	35.032	ng	99
15) Benzyl Alcohol	6.89	79	435848	37.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	470347	35.848	ng	100
17) 2-Methylphenol	7.01	107	455200	37.244	ng	98
18) Hexachloroethane	7.26	117	221658	34.525	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	306886	36.870	ng	99
20) 3+4-Methylphenols	7.16	107	566374	39.602	ng	# 81
22) Acetophenone	7.16	105	745817	37.165	ng	98
24) Nitrobenzene	7.33	77	528368	38.526	ng	96
25) Isophorone	7.57	82	975767	38.664	ng	97
26) 2-Nitrophenol	7.65	139	297716	41.279	ng	94
27) 2,4-Dimethylphenol	7.69	122	474479	42.918	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	648370	37.804	ng	100
29) 2,4-Dichlorophenol	7.89	162	499879	39.989	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	543042	36.990	ng	99
31) Naphthalene	8.06	128	1583195	39.032	ng	99
32) Benzoic acid	7.82	122	254181	36.411	ng	99
33) 4-Chloroaniline	8.10	127	162594	9.130	ng	99
34) Hexachlorobutadiene	8.18	225	315163	35.523	ng	97
35) Caprolactam	8.46	113	108187	25.840	ng	97
36) 4-Chloro-3-methylphenol	8.60	107	501593	40.969	ng	99
37) 2-Methylnaphthalene	8.75	142	1095037	40.216	ng	99
38) 1-Methylnaphthalene	8.85	142	1015234	39.460	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	545446	35.653	ng	99

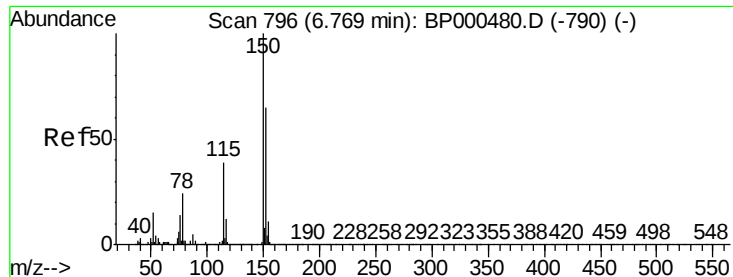
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	362639	61.114	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	348838	37.041	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	381042	39.188	ng	98
46) 1,1'-Biphenyl	9.22	154	1347458	36.933	ng	98
47) 2-Chloronaphthalene	9.24	162	1065911	37.782	ng	98
48) 2-Nitroaniline	9.34	65	259253	37.957	ng	87
49) Acenaphthylene	9.66	152	1672991	39.306	ng	100
50) Dimethylphthalate	9.52	163	1637112	48.745	ng	99
51) 2,6-Dinitrotoluene	9.58	165	293411	40.062	ng	97
52) Acenaphthene	9.83	154	961147	37.226	ng	99
53) 3-Nitroaniline	9.75	138	112591	13.416	ng	98
54) 2,4-Dinitrophenol	9.86	184	205678	84.159	ng	98
55) Dibenzofuran	10.00	168	1509651	39.115	ng	99
56) 4-Nitrophenol	9.93	139	410761	76.666	ng	94
57) 2,4-Dinitrotoluene	9.99	165	386944	39.846	ng	97
58) Fluorene	10.35	166	1141583	41.501	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	328477	39.963	ng	96
60) Diethylphthalate	10.23	149	1220308	38.276	ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	591722	40.003	ng	99
62) 4-Nitroaniline	10.37	138	294847	36.531	ng	98
63) Azobenzene	10.50	77	1031737	42.151	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	172519	42.671	ng	99
66) n-Nitrosodiphenylamine	10.46	169	1061881	39.976	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	384409	37.443	ng	97
68) Hexachlorobenzene	10.91	284	414735	35.549	ng	97
69) Atrazine	11.00	200	335830	38.526	ng	99
70) Pentachlorophenol	11.11	266	363806	77.640	ng	98
71) Phenanthrene	11.32	178	1790853	39.098	ng	99
72) Anthracene	11.37	178	1827176	40.232	ng	100
73) Carbazole	11.53	167	1693023	40.214	ng	98
74) Di-n-butylphthalate	11.87	149	1973157	38.474	ng	100
75) Fluoranthene	12.52	202	2017359	39.215	ng	98
77) Benzidine	12.65	184	752537	35.267	ng	98
78) Pyrene	12.76	202	2049551	40.327	ng	99
80) Butylbenzylphthalate	13.39	149	863742	39.001	ng	100
81) Benzo(a)anthracene	13.96	228	1731286	38.507	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	388835	21.773	ng	98
83) Chrysene	14.00	228	1728310	39.165	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1089581	39.119	ng	98
85) Di-n-octyl phthalate	14.57	149	2047161	40.550	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2071349	37.577	ng	100
88) Benzo(b)fluoranthene	15.02	252	1858981	39.279	ng	98
89) Benzo(k)fluoranthene	15.05	252	1764401	39.159	ng	98
90) Benzo(a)pyrene	15.39	252	1782825	40.410	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1687307	39.433	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1733718	39.874	ng	99

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

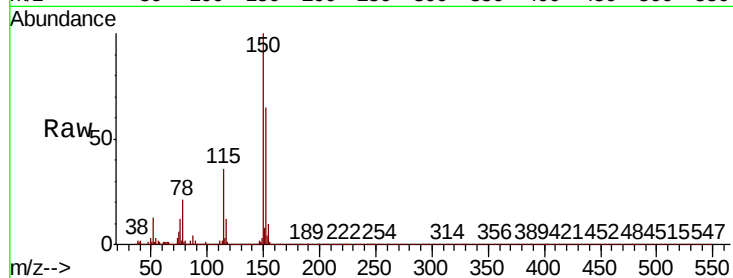


#1

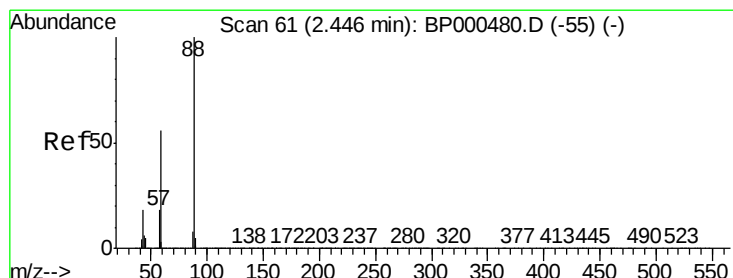
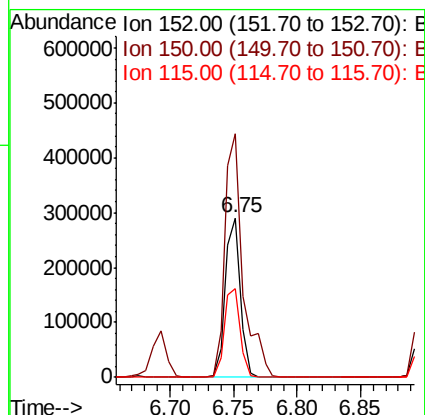
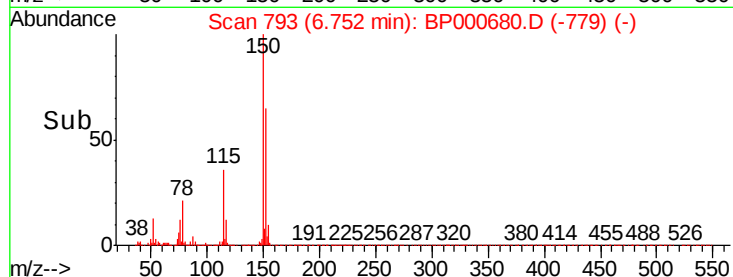
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampled :

Tot Ion:152 Resp: 240875
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 55.7 48.7 73.1



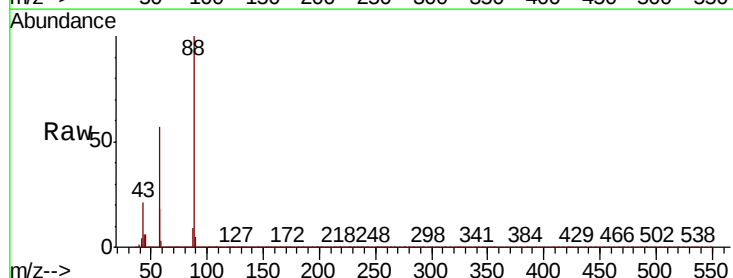
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



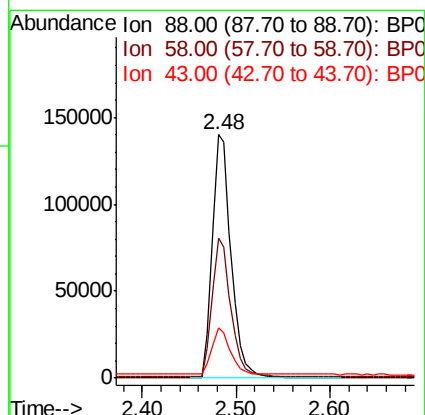
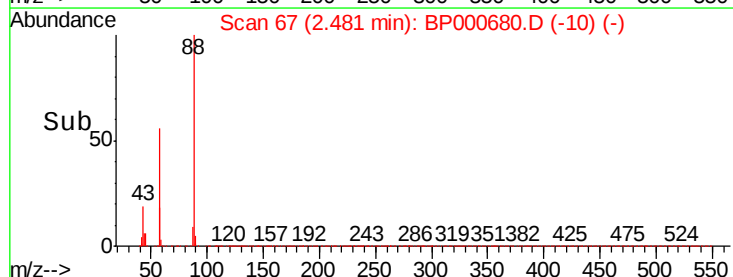
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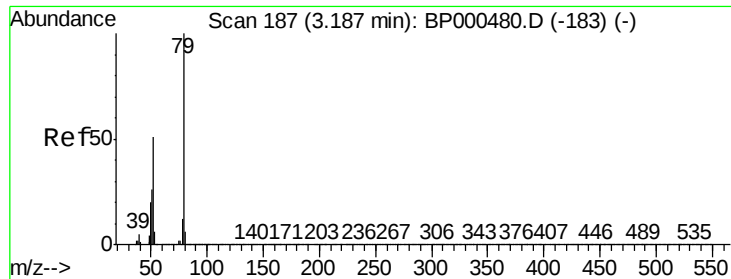
1,4-Dioxane
Concen: 33.141 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.04 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion: 88 Resp: 198314
Ion Ratio Lower Upper
88 100
58 56.7 45.3 67.9
43 18.8 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: 29.868 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

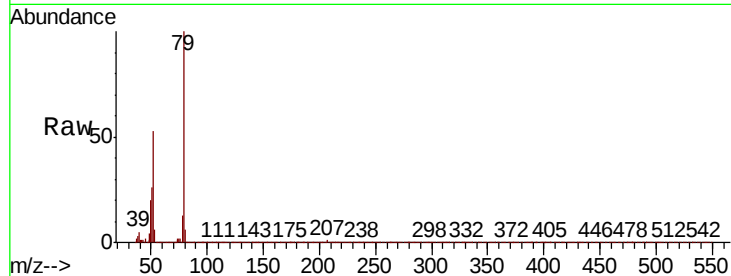
Tot Ion: 79 Resp: 488332

Ion Ratio Lower Upper

79 100

52 52.6 40.7 61.1

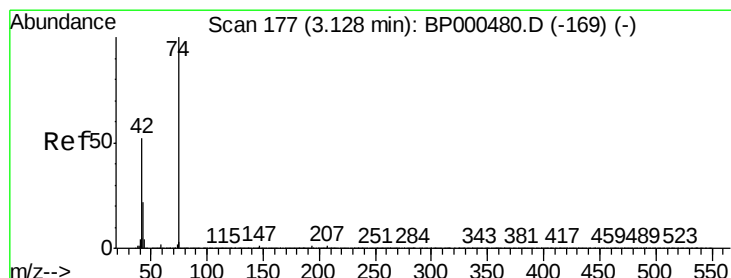
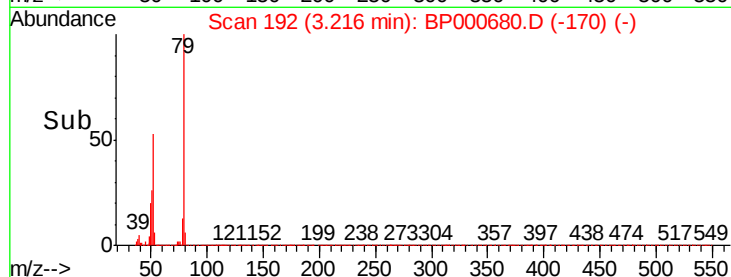
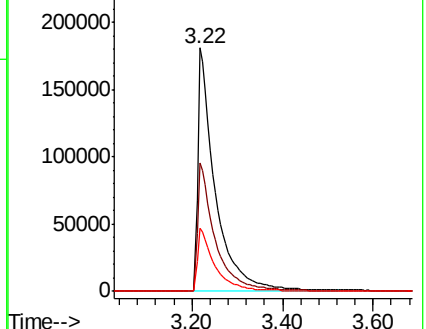
51 26.1 20.5 30.7



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 35.413 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

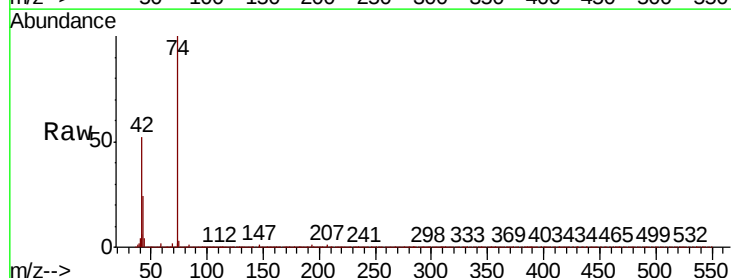
Tgt Ion: 42 Resp: 162925

Ion Ratio Lower Upper

42 100

74 191.8 152.4 228.6

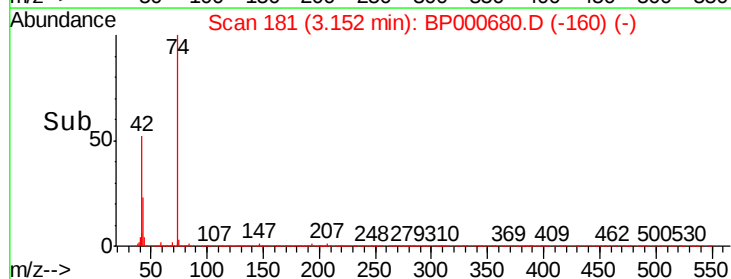
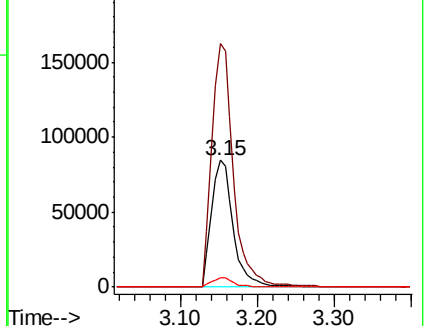
44 7.0 5.6 8.4

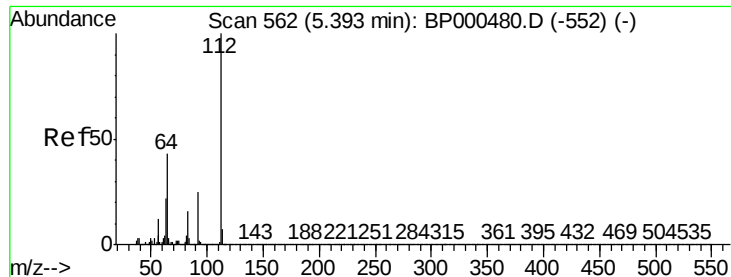


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 104.354 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

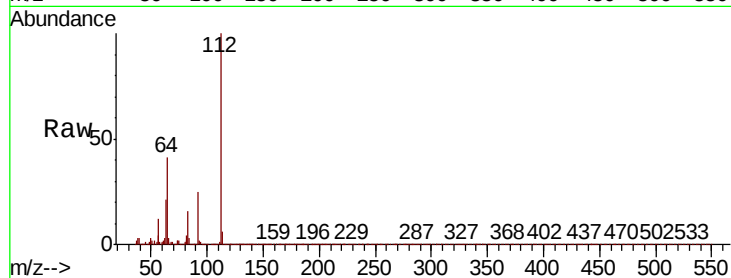
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 112 Resp: 1563735

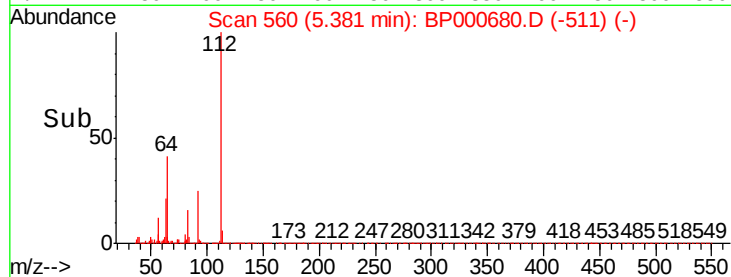
Ion	Ratio	Lower	Upper
112	100		
64	41.3	34.2	51.4
63	21.1	17.9	26.9



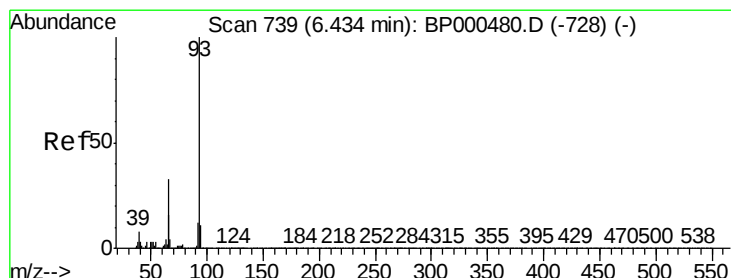
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->



#6

Aniline

Concen: 16.045 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

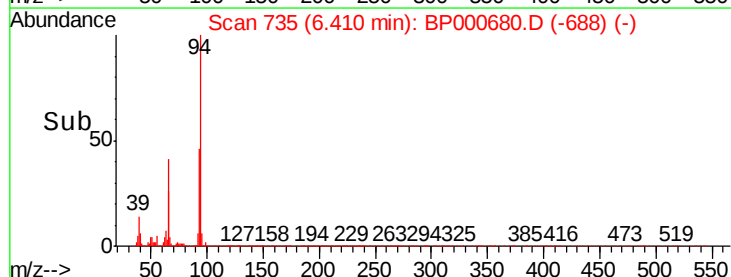
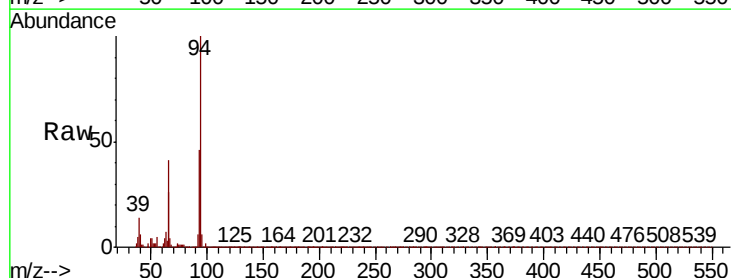
Tgt Ion: 93 Resp: 351987

Ion	Ratio	Lower	Upper
93	100		
66	90.6	26.3	39.5#
65	57.5	13.2	19.8#

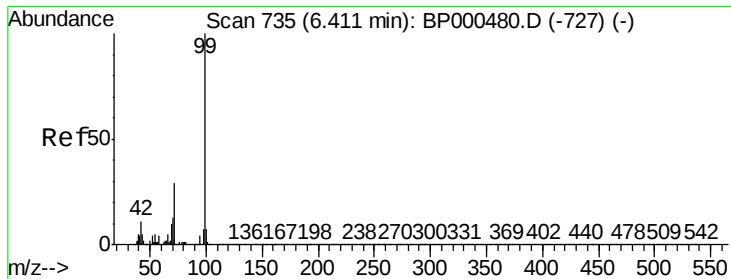
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time-->



#7

Phenol-d6

Concen: 111.427 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

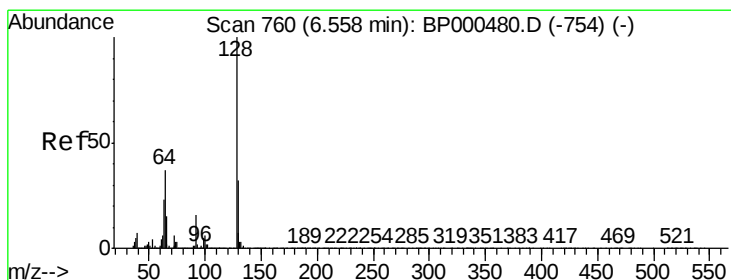
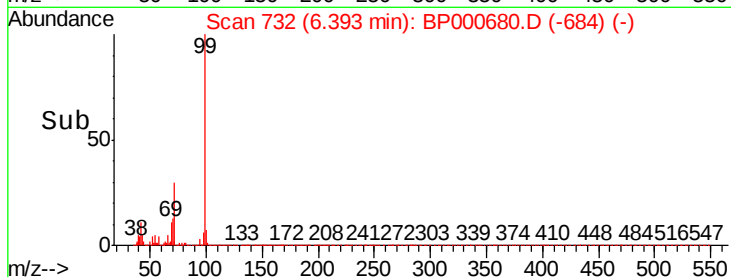
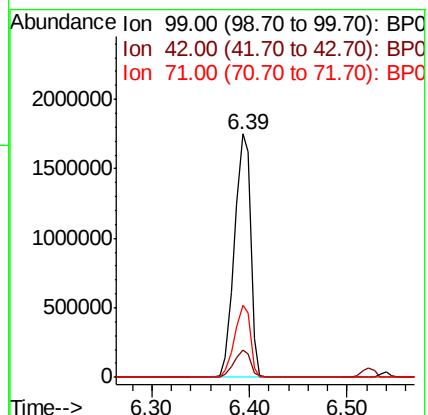
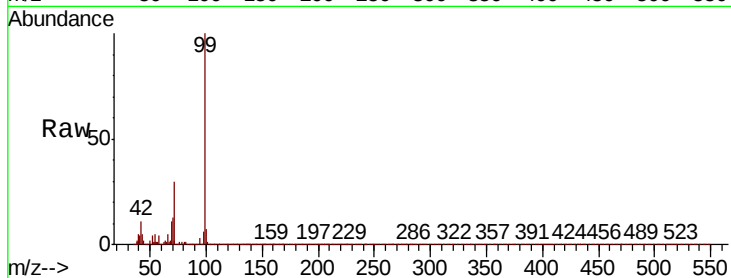
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2012092

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.6	12.8
71	29.7	23.0	34.4



#8

2-Chlorophenol

Concen: 37.334 ng

RT: 6.54 min Scan# 757

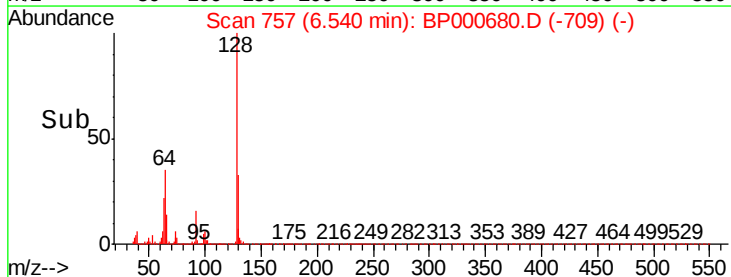
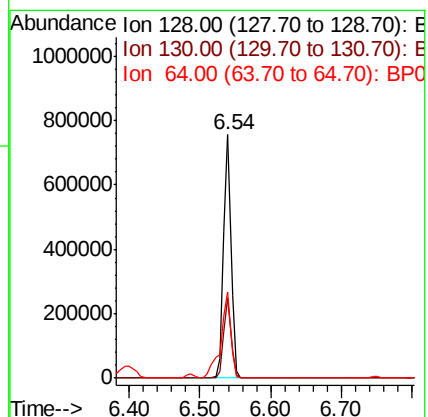
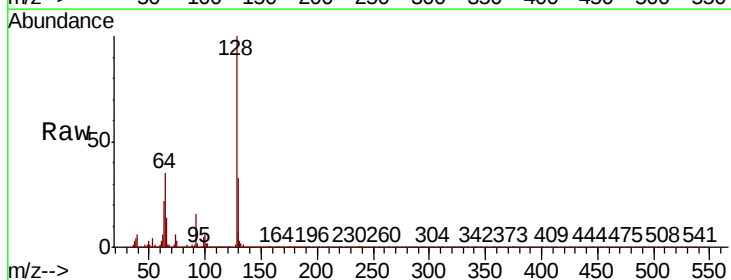
Delta R.T. -0.02 min

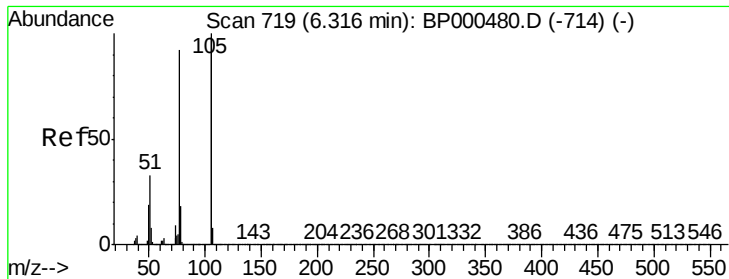
Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion: 128 Resp: 552127

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	35.2	17.2	57.2





#9

Benzaldehyde

Concen: 32.040 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

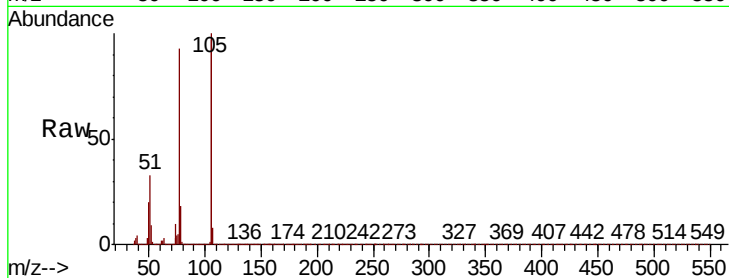
Tot Ion: 77 Resp: 301368

Ion Ratio Lower Upper

77 100

105 107.7 88.3 128.3

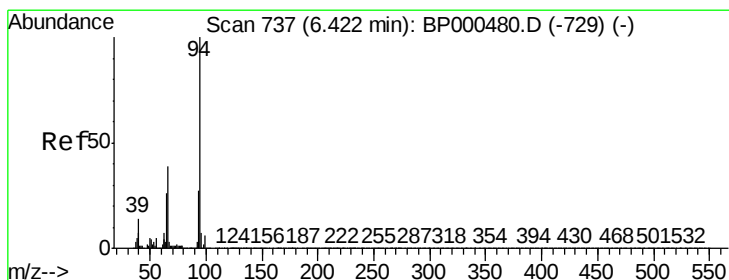
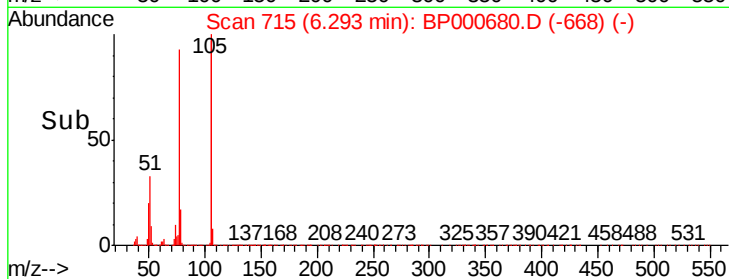
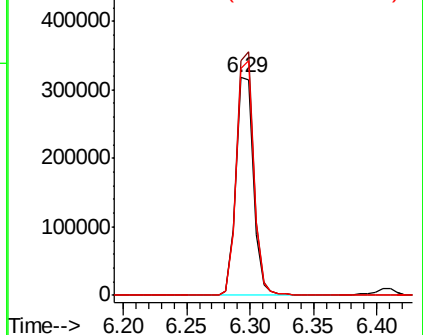
106 104.3 85.7 125.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.501 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

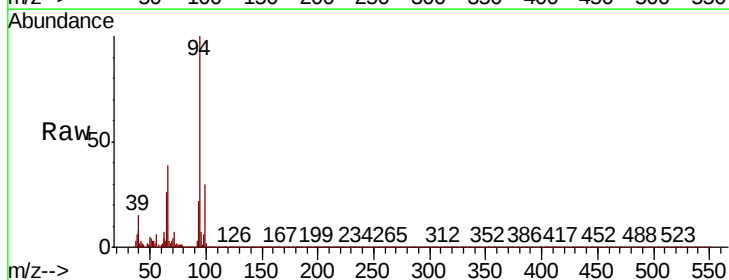
Tgt Ion: 94 Resp: 748799

Ion Ratio Lower Upper

94 100

65 26.0 5.9 45.9

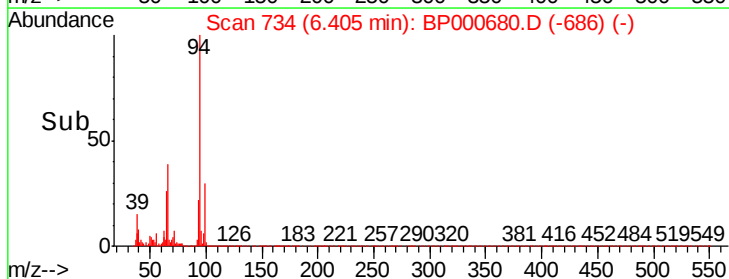
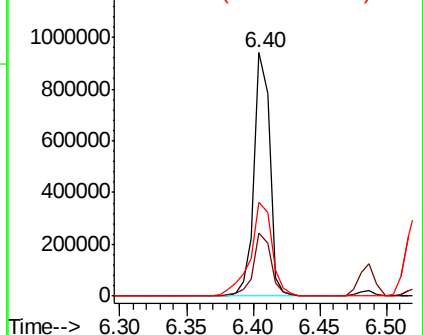
66 38.8 18.8 58.8

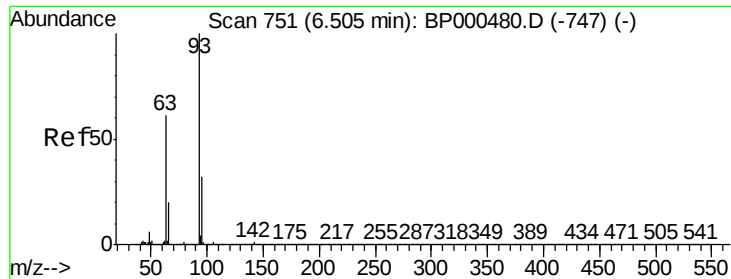


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

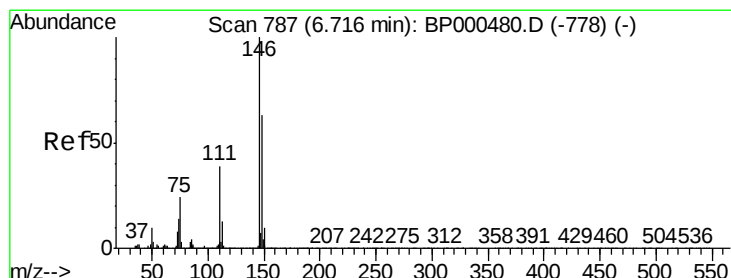
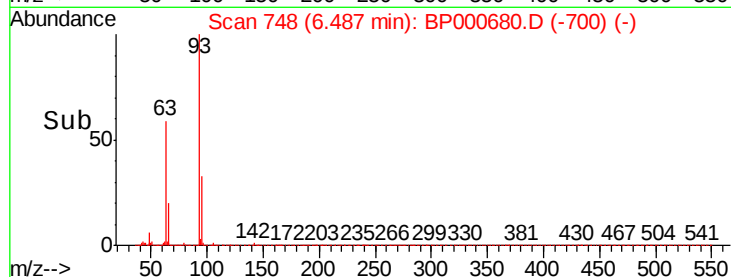
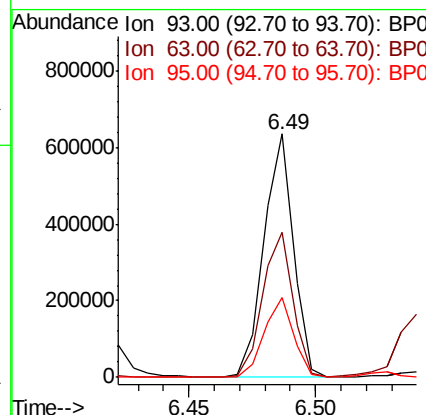
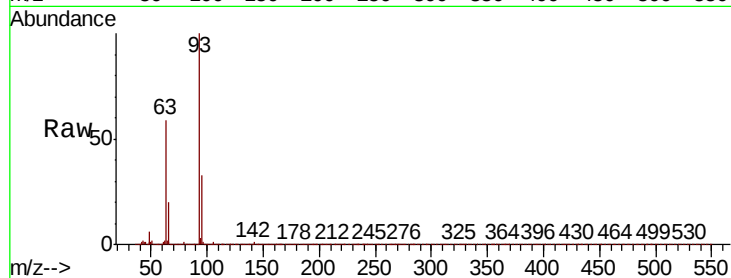




#11
bis(2-Chloroethyl)ether
Concen: 36.424 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

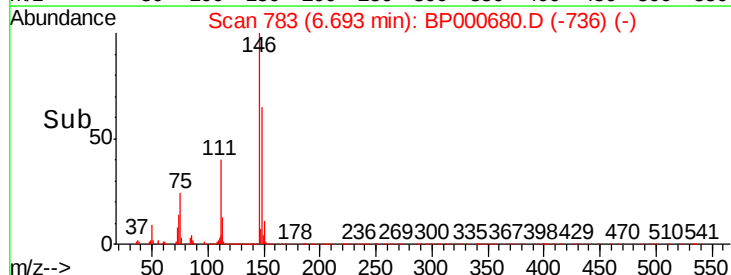
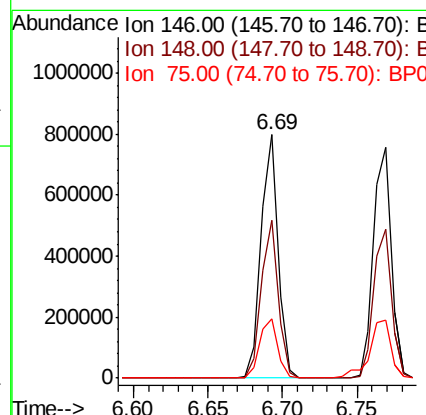
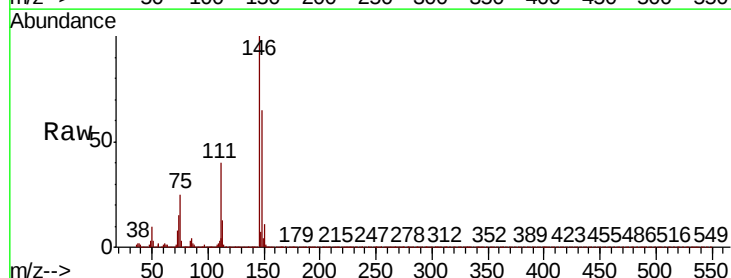
Instrument :
BNA_P
ClientSampleId :

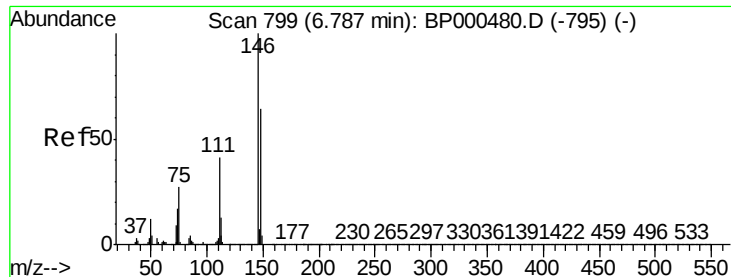
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.4	41.1	81.1
95	32.7	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 34.770 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
75	24.6	19.1	28.7

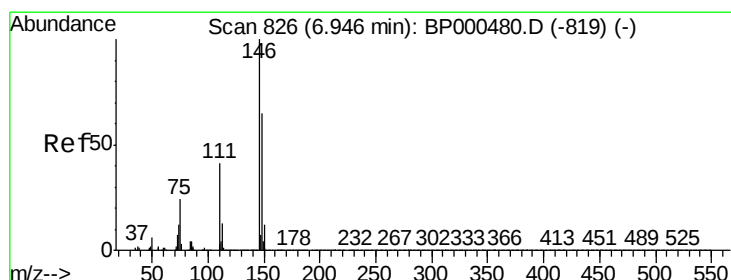
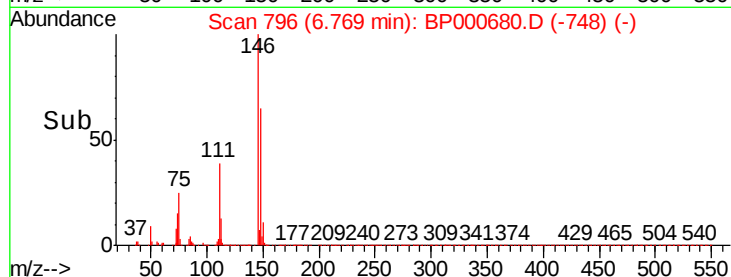
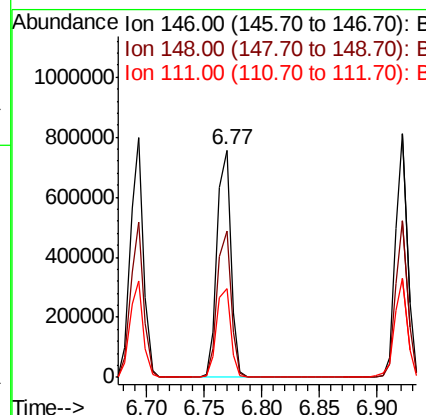
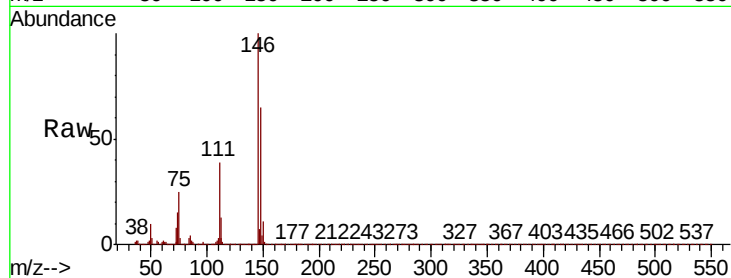




#13
1,4-Dichlorobenzene
Concen: 35.044 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

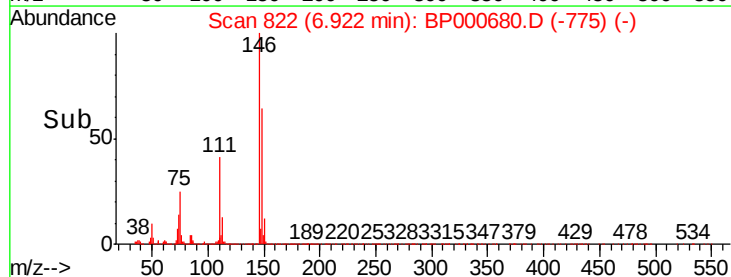
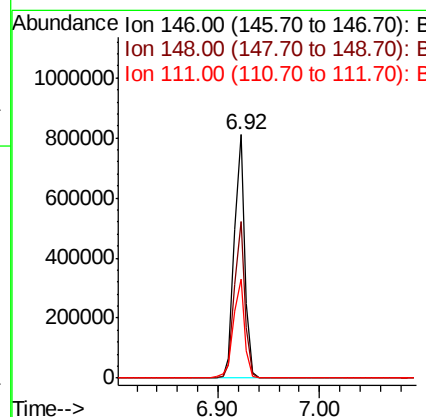
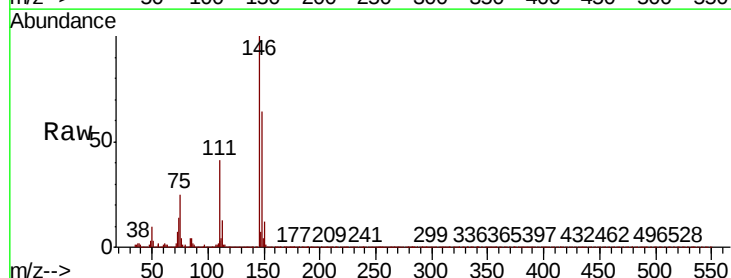
Instrument :
BNA_P
ClientSampled :

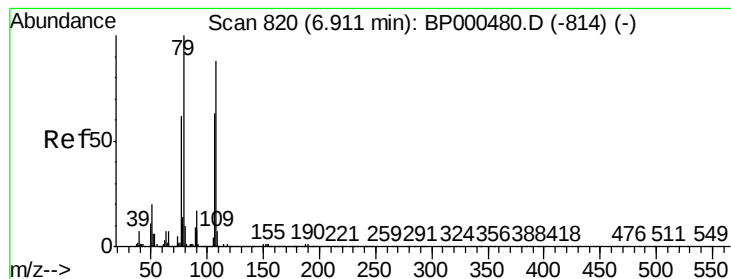
Tot Ion:146 Resp: 632177
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 38.9 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 35.032 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:146 Resp: 583463
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 40.6 32.8 49.2





#15

Benzyl Alcohol

Concen: 37.374 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

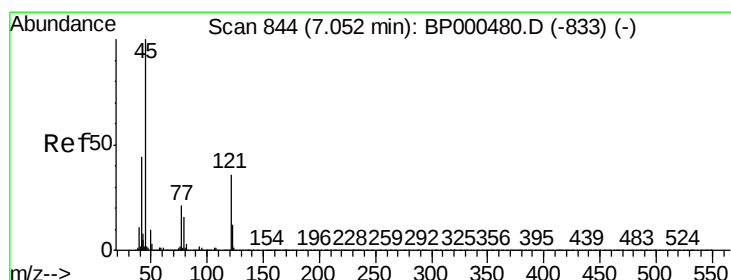
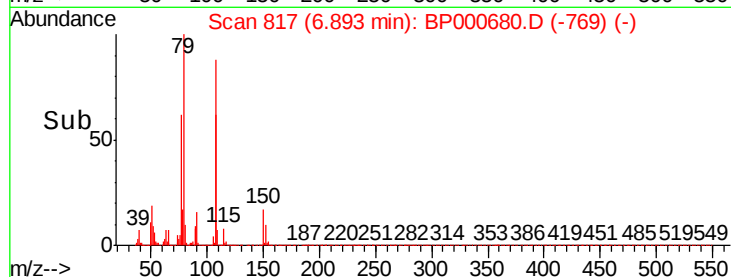
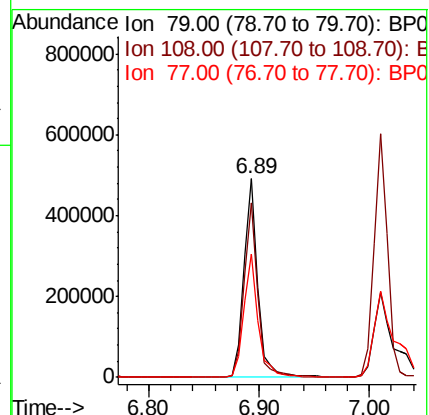
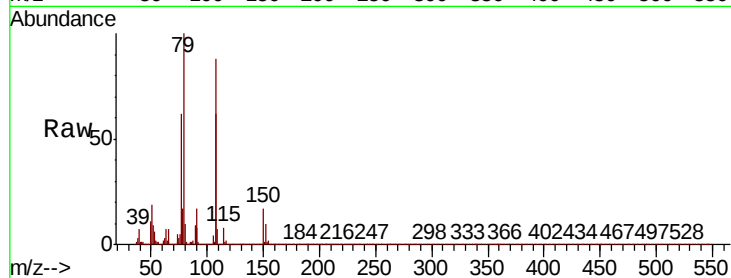
Tot Ion: 79 Resp: 435848

Ion Ratio Lower Upper

79 100

108 87.7 70.8 106.2

77 61.9 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.848 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

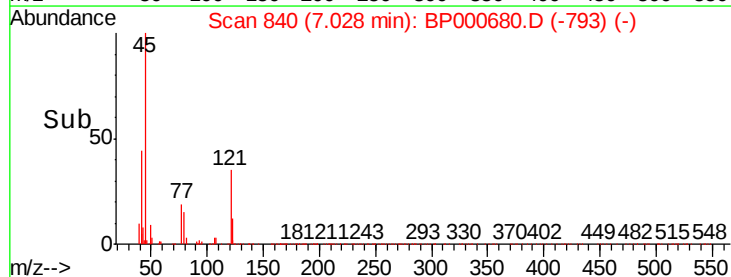
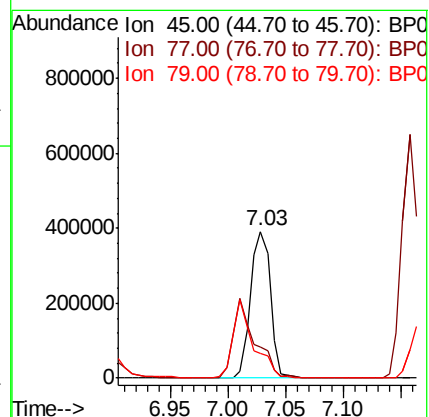
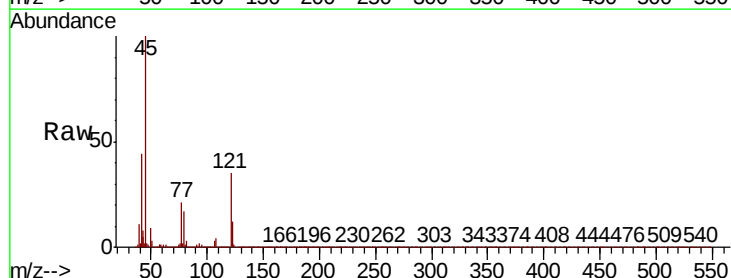
Tgt Ion: 45 Resp: 470347

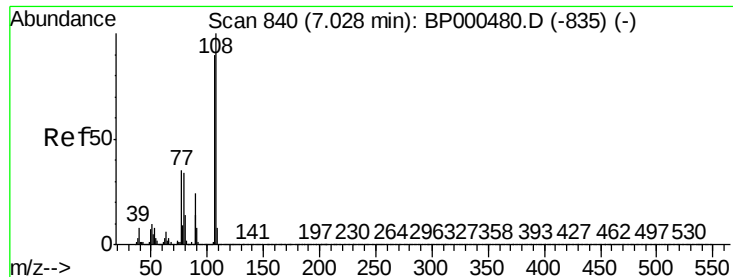
Ion Ratio Lower Upper

45 100

77 21.3 1.1 41.1

79 16.8 0.0 36.8

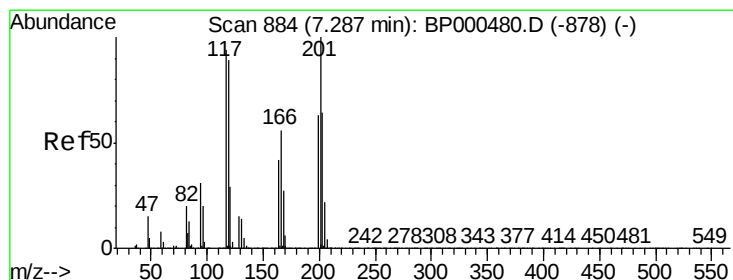
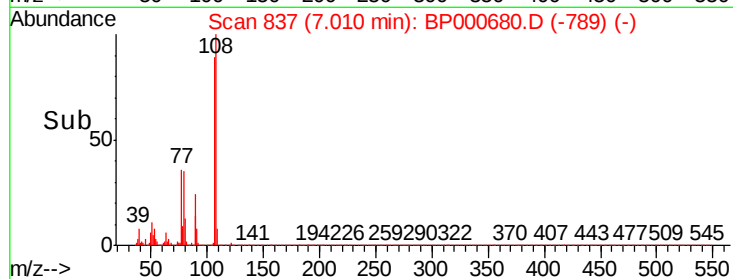
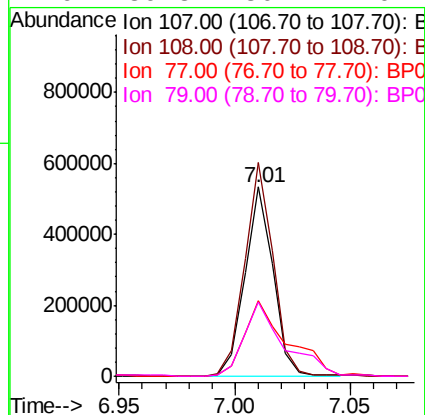
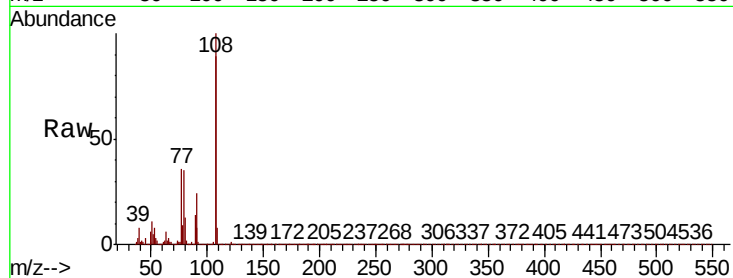




#17
2-Methylphenol
Concen: 37.244 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

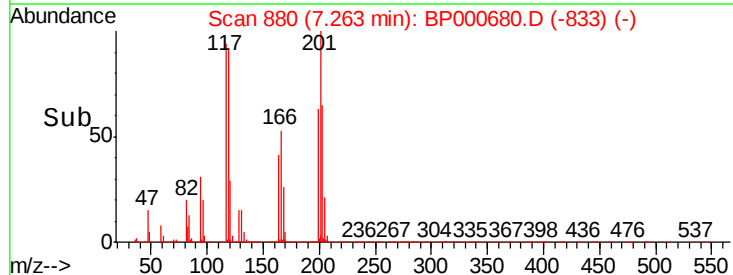
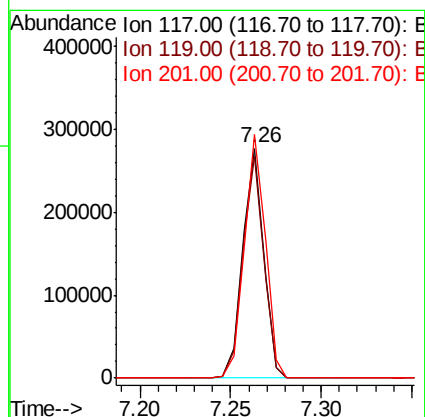
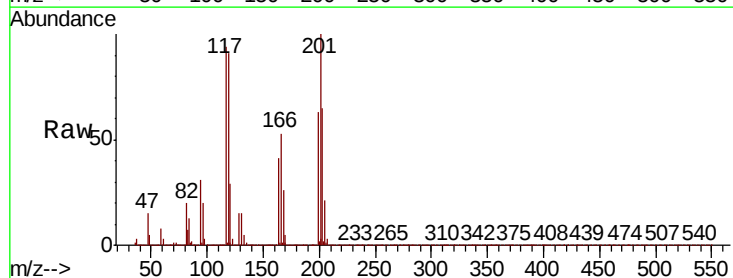
Instrument :
BNA_P
ClientSampled :

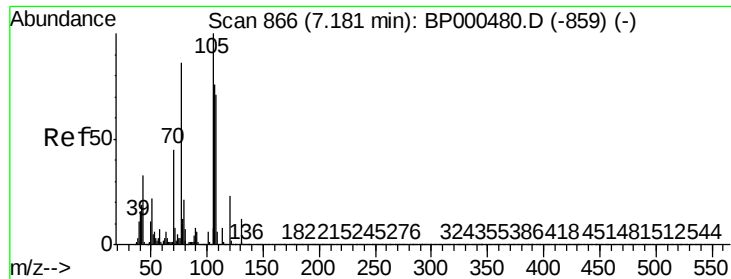
Tot Ion:	107	Resp:	455200
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.0	133.4
77	40.1	31.2	46.8
79	39.3	30.7	46.1



#18
Hexachloroethane
Concen: 34.525 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:	117	Resp:	221658
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.3	114.5
201	105.9	85.4	128.0

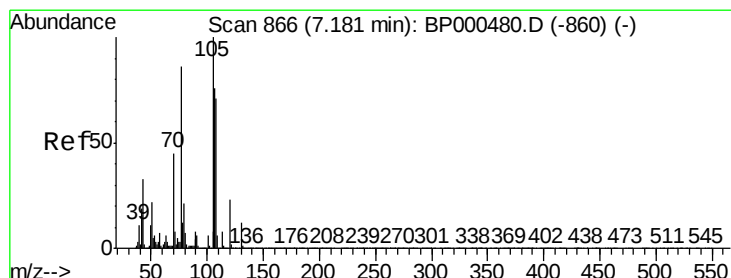
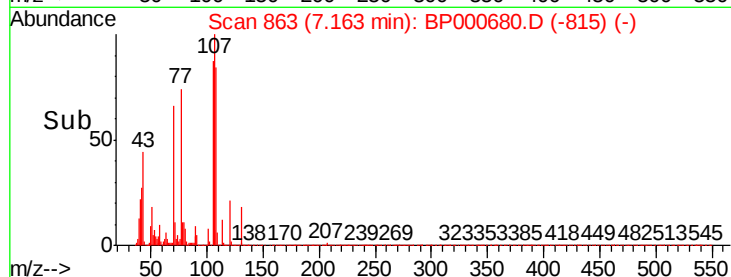
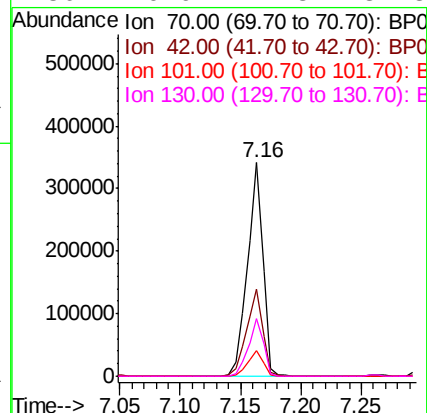
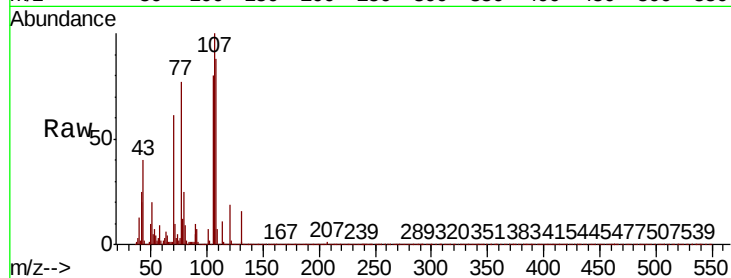




#19
n-Nitroso-di-n-propylamine
Concen: 36.870 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

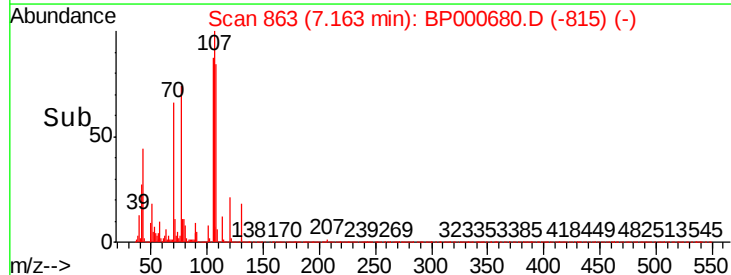
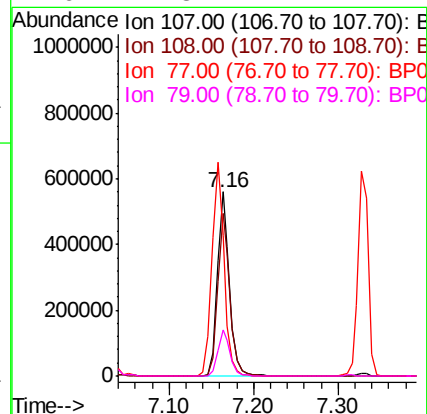
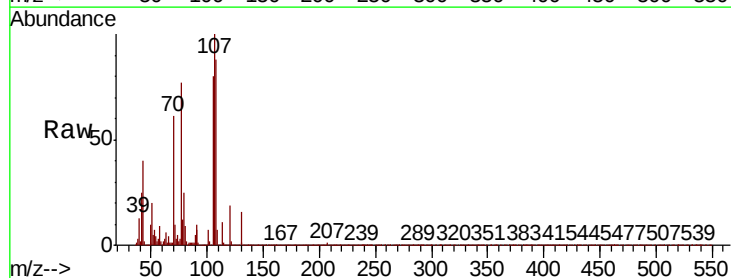
Instrument :
BNA_P
ClientSampled :

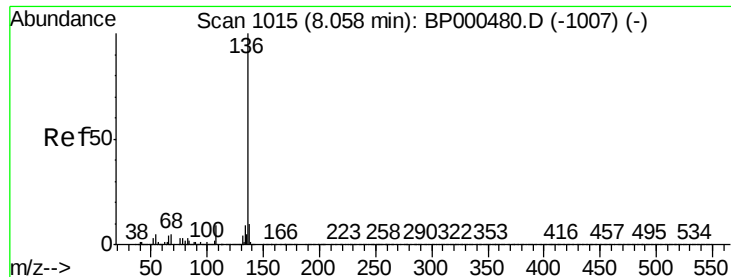
Tot Ion:	70	Resp:	306886
Ion	Ratio	Lower	Upper
70	100		
42	40.5	33.2	49.8
101	12.0	9.9	14.9
130	26.9	21.8	32.8



#20
3+4-Methylphenols
Concen: 39.602 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:	107	Resp:	566374
Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.6	112.6
77	76.7	93.3	133.3#
79	24.8	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: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 868480

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.6	4.1	6.1
68	5.6	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

1500000

1000000

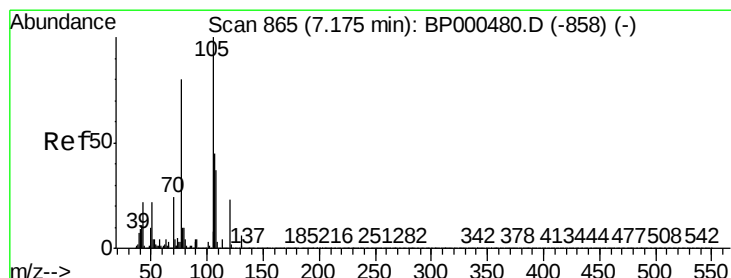
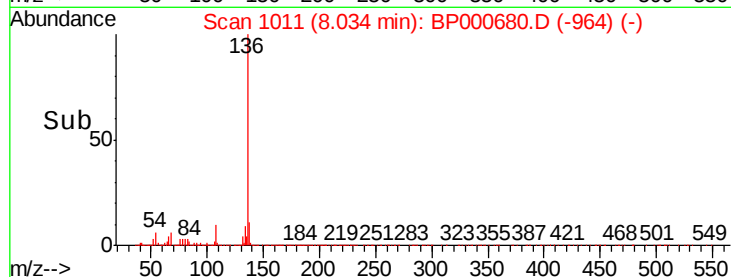
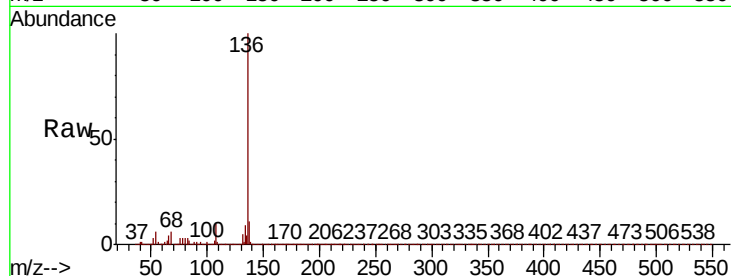
500000

0

8.03

Time-->

8.00 8.05 8.10



#22

Acetophenone

Concen: 37.165 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:105 Resp: 745817

Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.3	4.9
51	20.3	17.4	26.2
120	23.1	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

1200000

1000000

800000

600000

400000

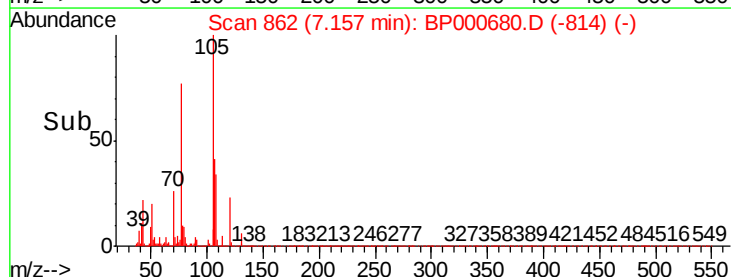
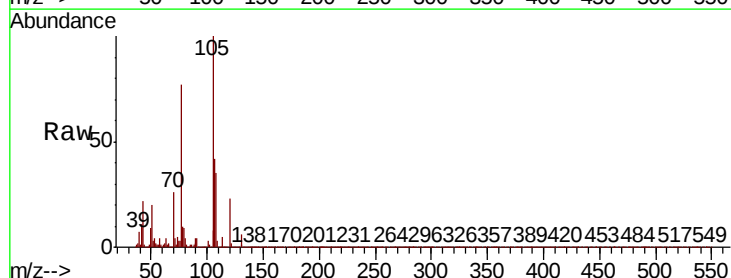
200000

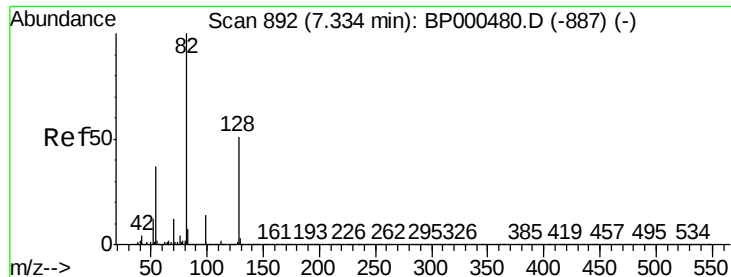
0

7.16

Time-->

7.10 7.20 7.30





#23

Nitrobenzene-d5

Concen: 80.088 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

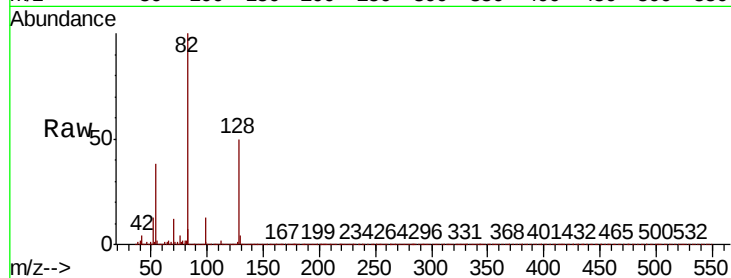
Tot Ion: 82 Resp: 1138832

Ion Ratio Lower Upper

82 100

128 49.5 40.9 61.3

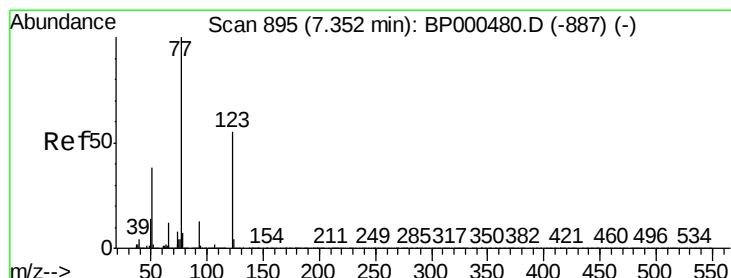
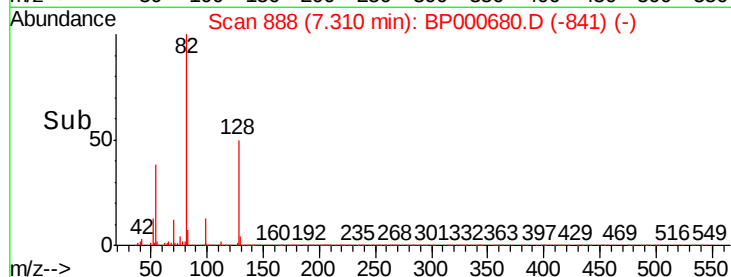
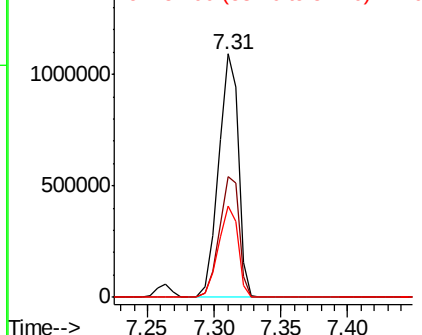
54 37.8 29.4 44.2



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#24

Nitrobenzene

Concen: 38.526 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

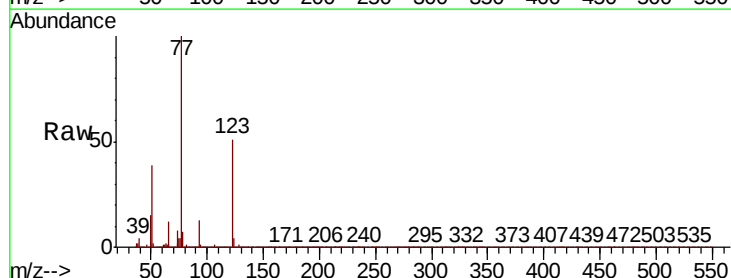
Tgt Ion: 77 Resp: 528368

Ion Ratio Lower Upper

77 100

123 51.4 44.1 66.1

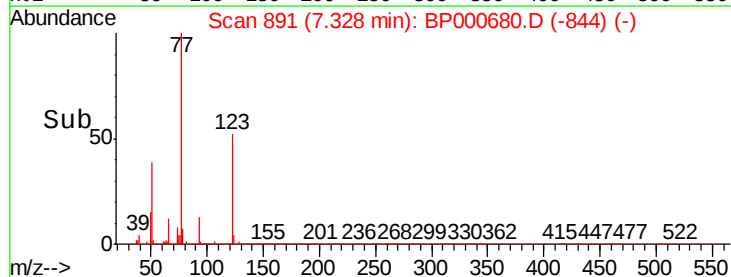
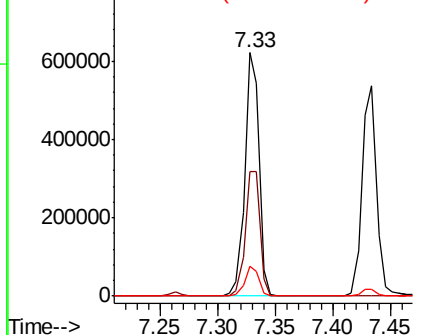
65 12.2 9.7 14.5

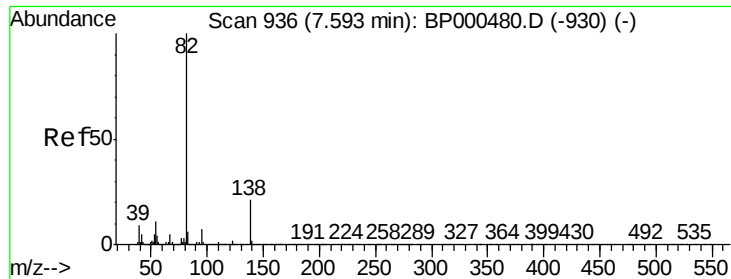


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0





#25

Isophorone

Concen: 38.664 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

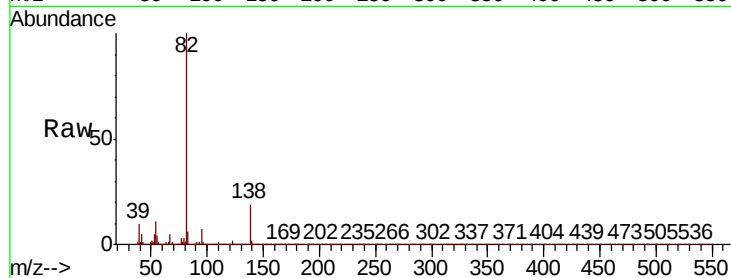
Tot Ion: 82 Resp: 975767

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

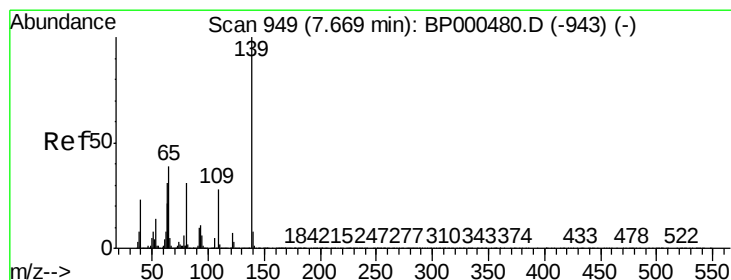
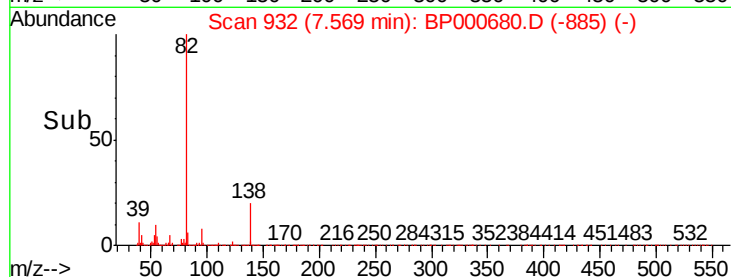
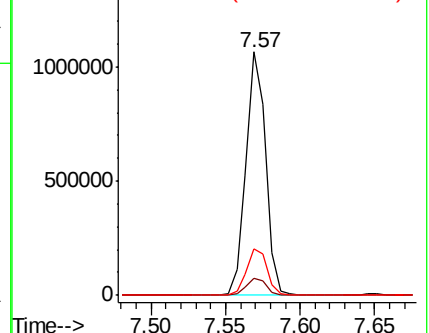
138 19.2 17.0 25.4



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: 41.279 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

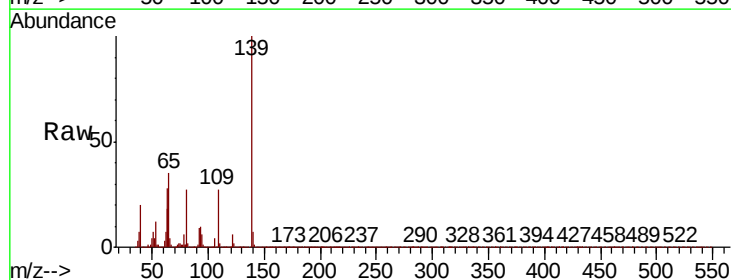
Tgt Ion: 139 Resp: 297716

Ion Ratio Lower Upper

139 100

109 26.8 22.8 34.2

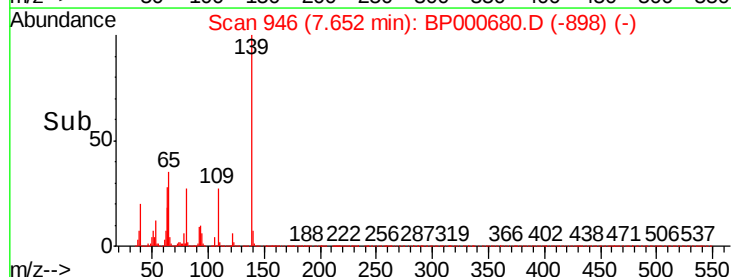
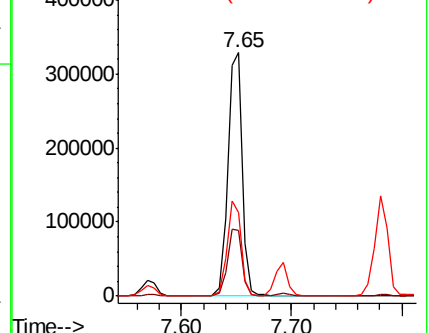
65 34.6 31.5 47.3

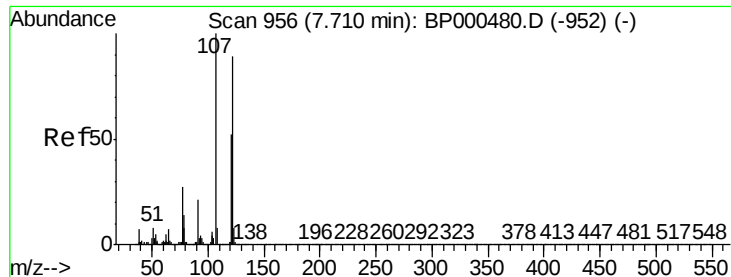


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

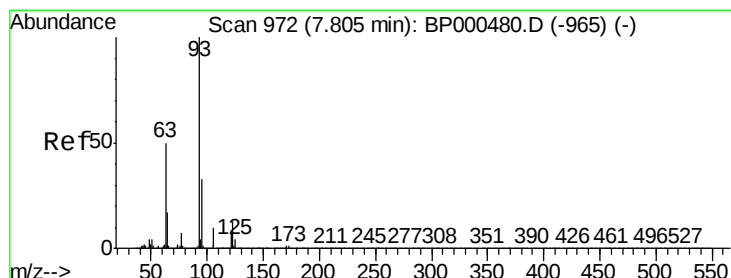
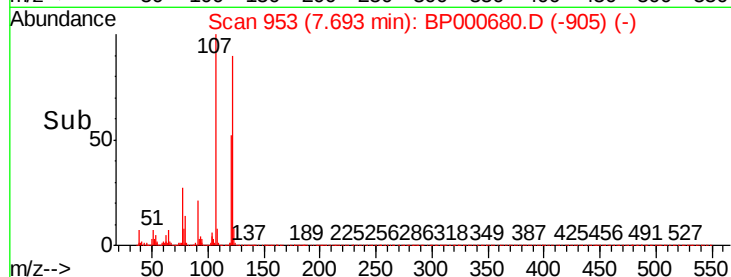
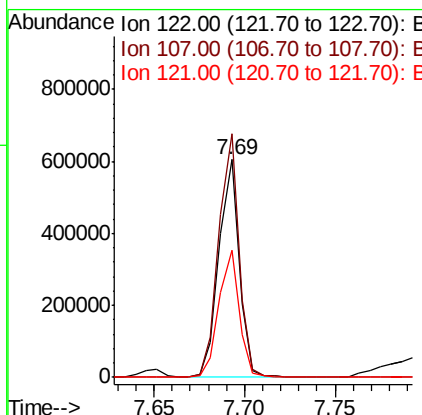
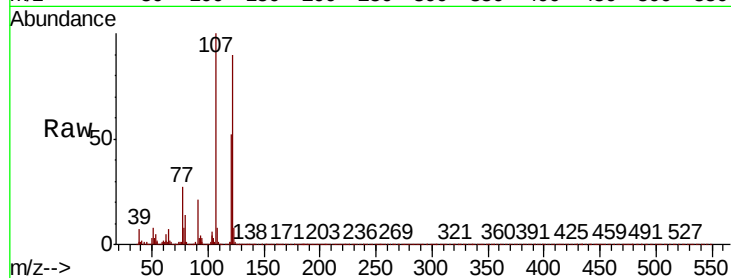




#27
2,4-Dimethylphenol
Concen: 42.918 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

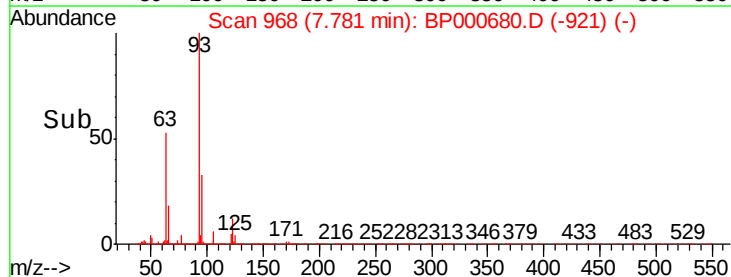
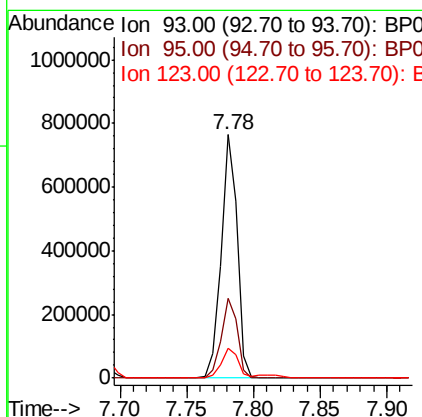
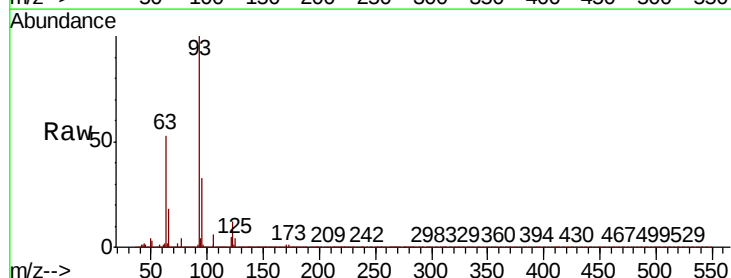
Instrument :
BNA_P
ClientSampleId :

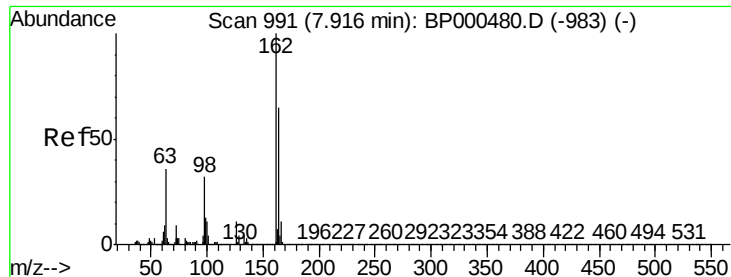
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.9	134.9
121	58.5	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.804 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.2	10.2	15.2

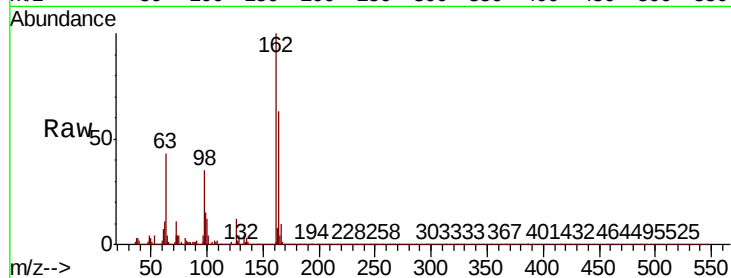




#29
2,4-Dichlorophenol
Concen: 39.989 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	35.2	11.6	51.6

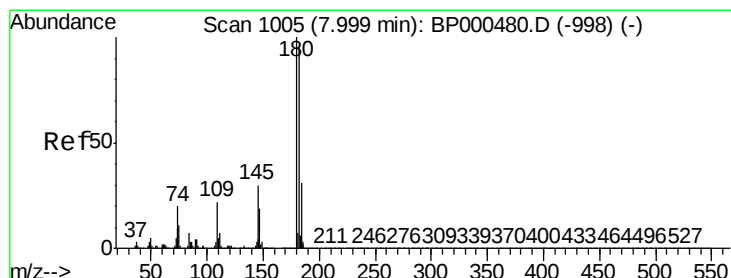
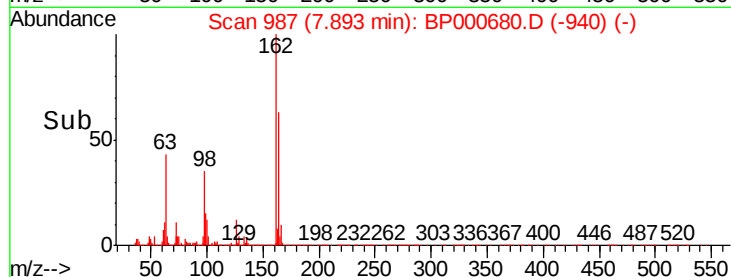
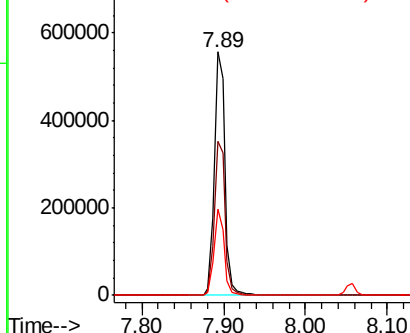


Abundance

Ion 162.00 (161.70 to 162.70): E

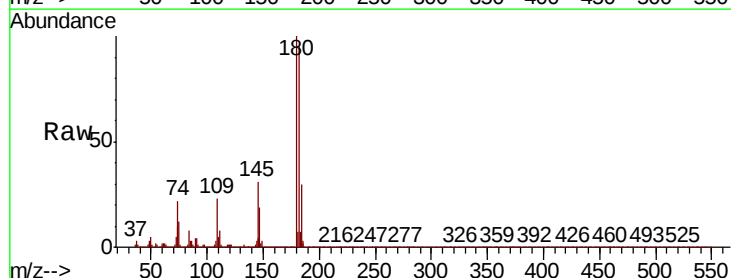
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
1,2,4-Trichlorobenzene
Concen: 36.990 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	30.5	23.6	35.4

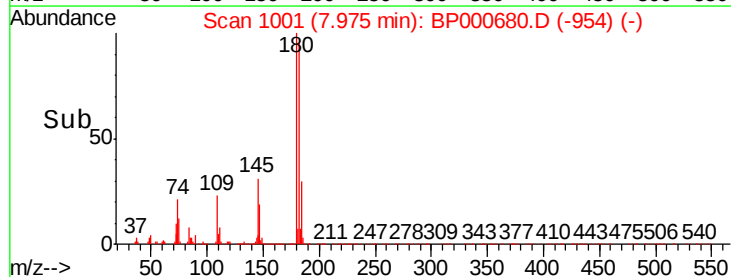
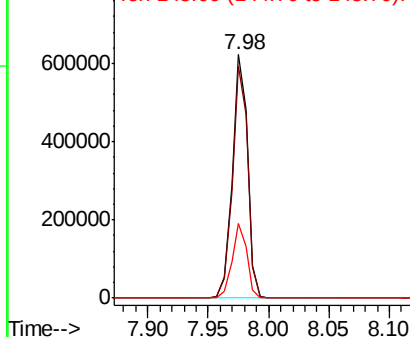


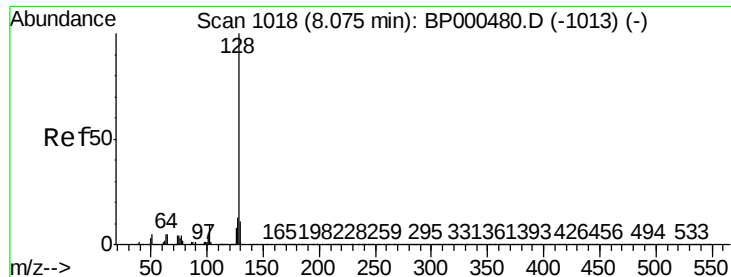
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

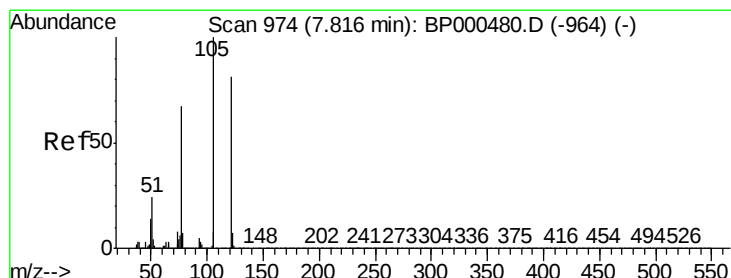
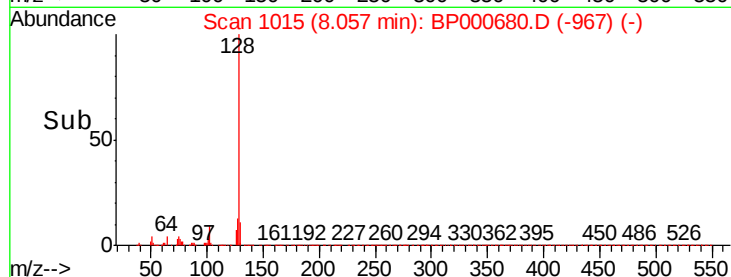
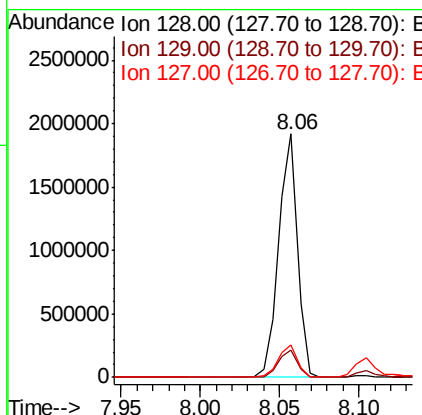
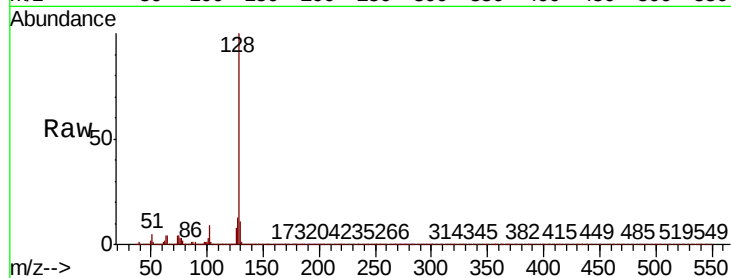




#31
Naphthalene
Concen: 39.032 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

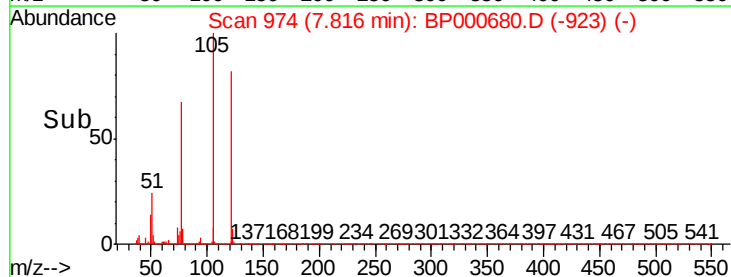
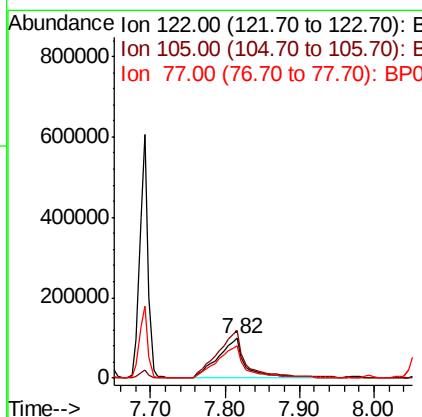
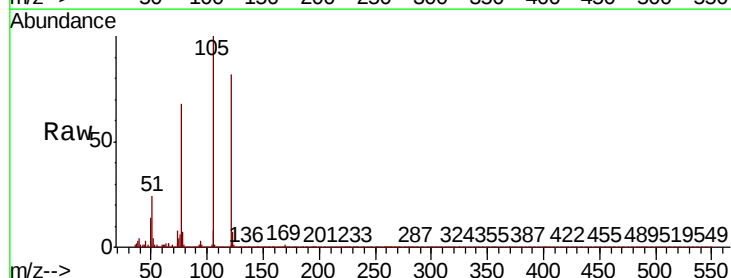
Instrument :
BNA_P
ClientSampleId :

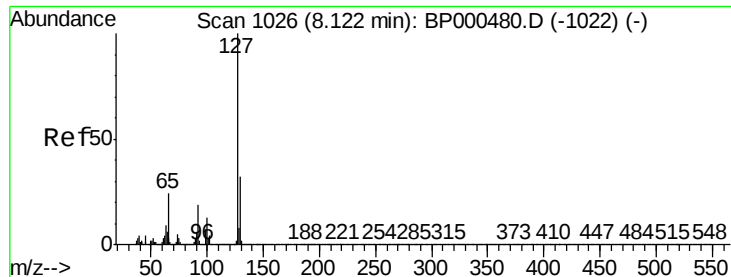
Tot Ion:128 Resp: 1583195
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 36.411 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:122 Resp: 254181
Ion Ratio Lower Upper
122 100
105 121.8 101.4 141.4
77 82.8 62.1 102.1

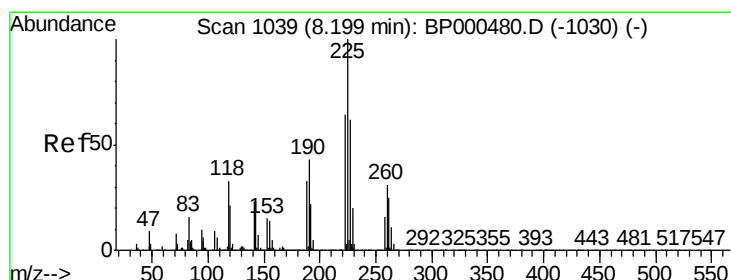
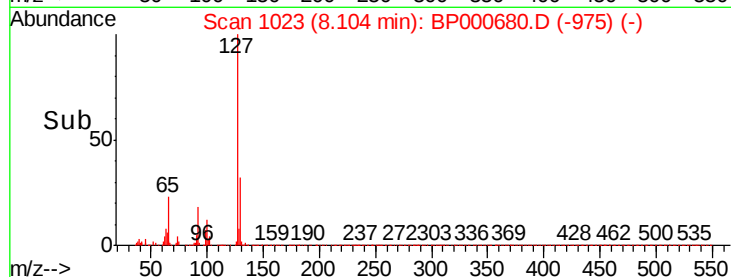
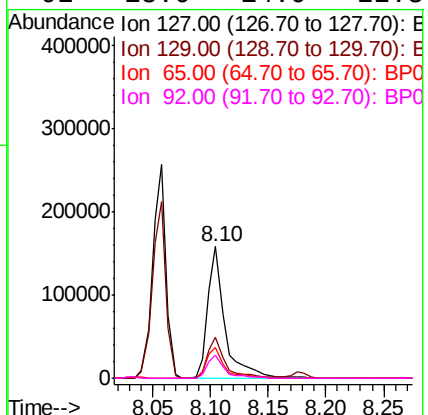
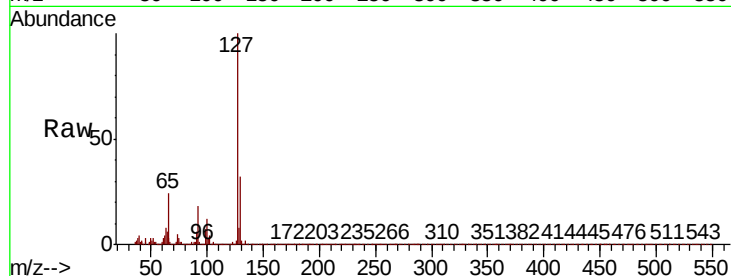




#33
4-Chloroaniline
Concen: 9.130 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

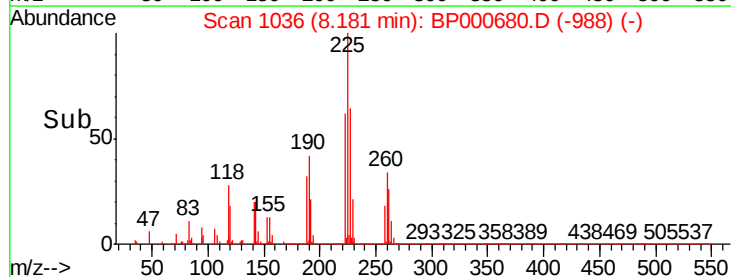
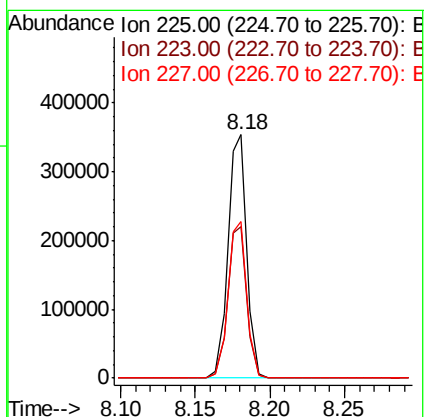
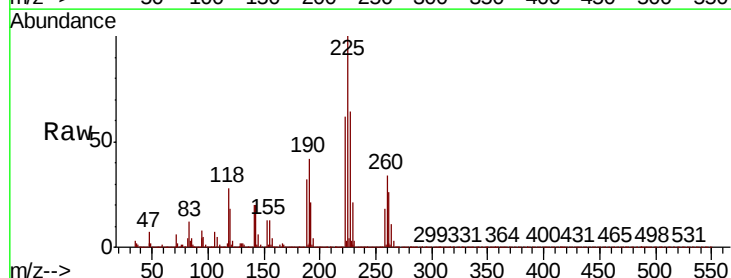
Instrument :
BNA_P
ClientSampleId :

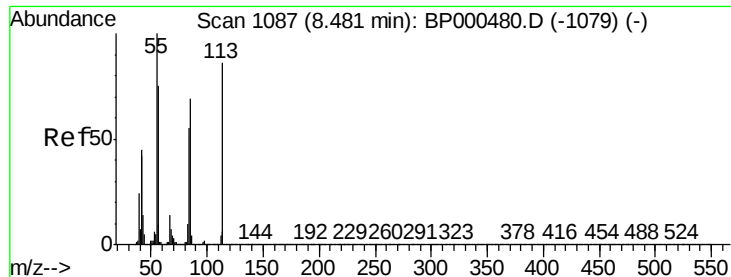
Tot Ion:127	Resp:	162594
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.6 38.4
65	23.7	19.2 28.8
92	18.0	14.9 22.3



#34
Hexachlorobutadiene
Concen: 35.523 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:225	Resp:	315163
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.4 77.0
227	64.3	49.7 74.5

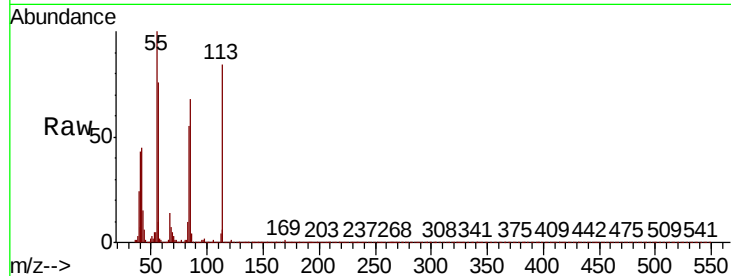




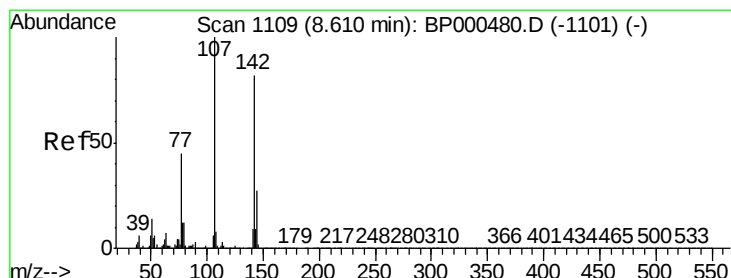
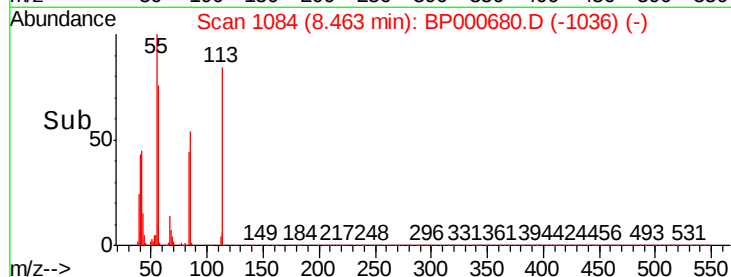
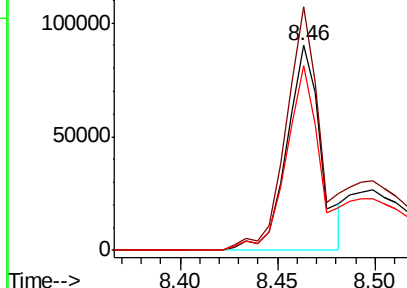
#35
Caprolactam
Concen: 25.840 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampled :

Tot Ion:113 Resp: 108187
Ion Ratio Lower Upper
113 100
55 118.7 95.9 135.9
56 90.2 67.2 107.2

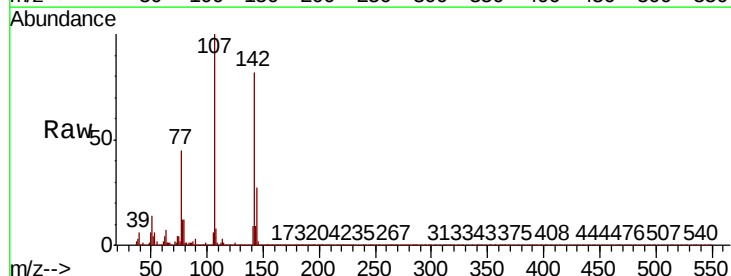


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BP0
Ion 56.00 (55.70 to 56.70): BP0

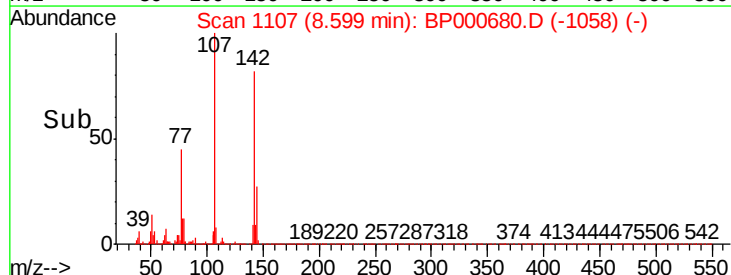
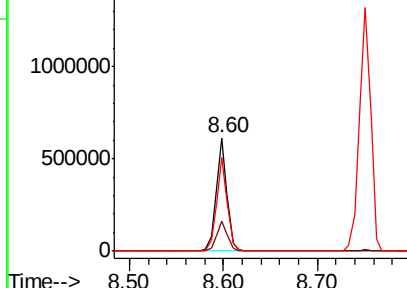


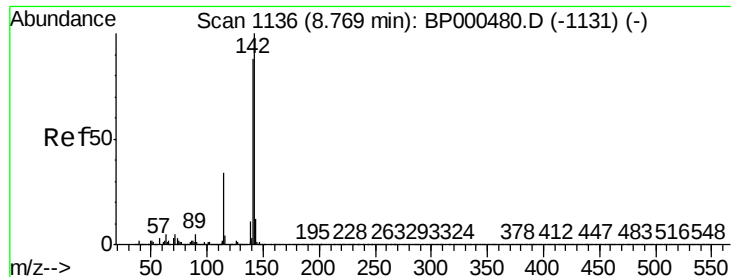
#36
4-Chloro-3-methylphenol
Concen: 40.969 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:107 Resp: 501593
Ion Ratio Lower Upper
107 100
144 26.7 21.8 32.8
142 82.4 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

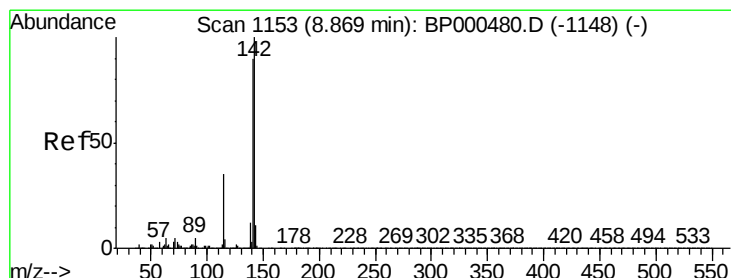
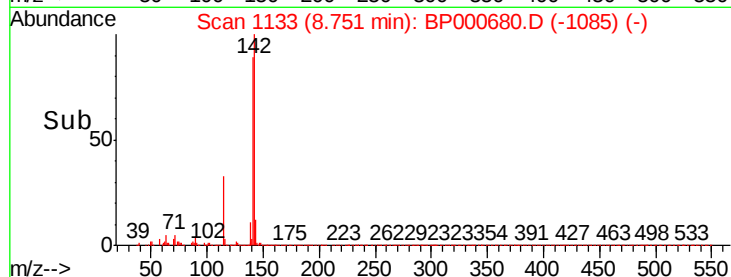
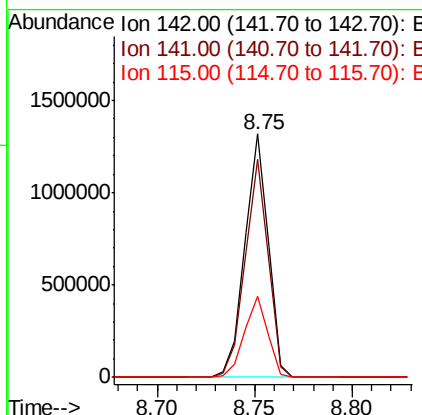
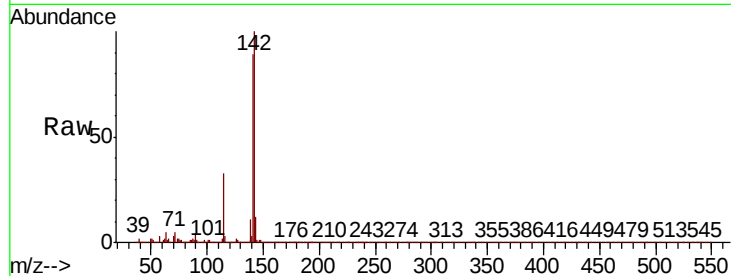




#37
2-Methylnaphthalene
Concen: 40.216 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

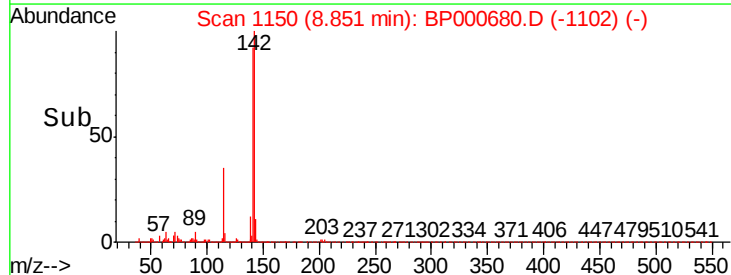
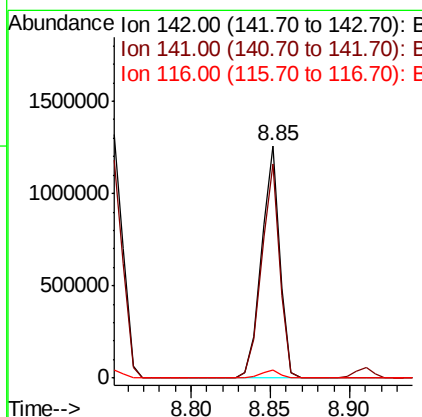
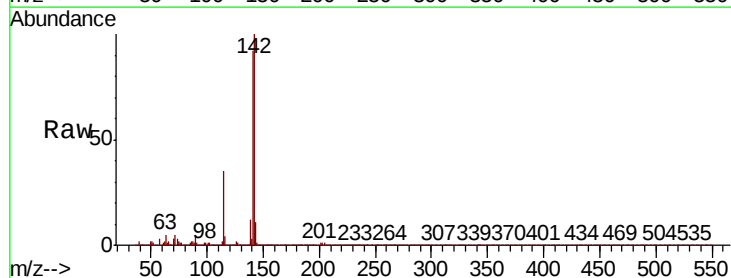
Instrument :
BNA_P
ClientSampleId :

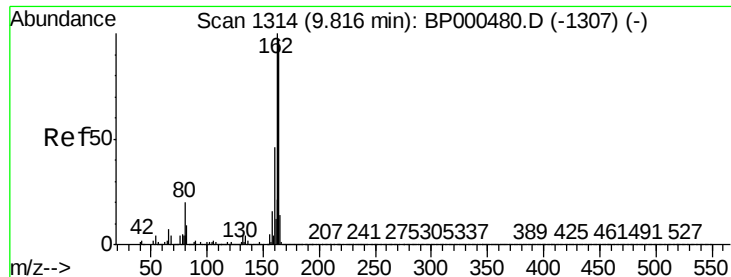
Tot Ion:142 Resp: 1095037
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 33.1 27.4 41.0



#38
1-Methylnaphthalene
Concen: 39.460 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:142 Resp: 1015234
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9
116 3.6 3.0 4.4

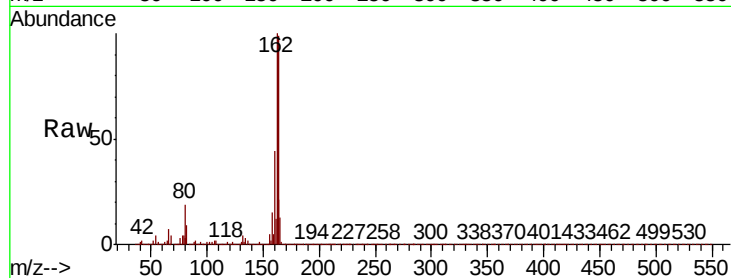




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	44.9	37.6	56.4

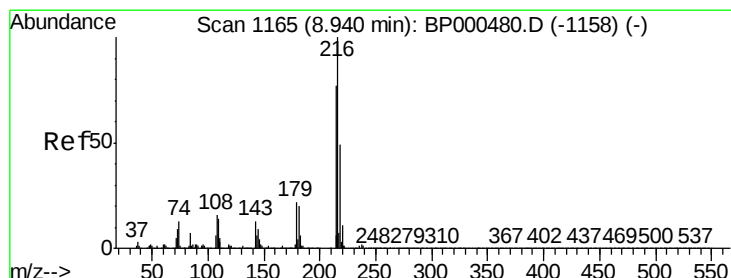
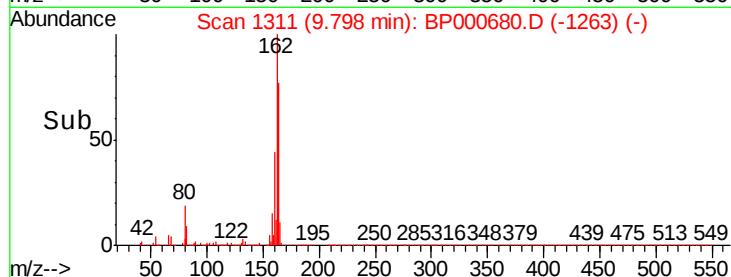
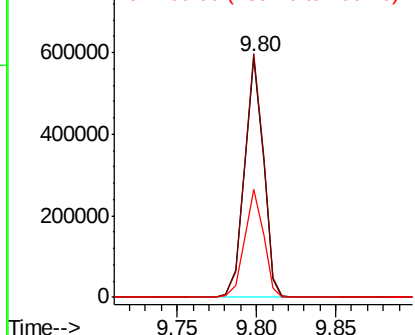


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.653 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.7	94.1
179	21.0	16.7	25.1
108	18.4	13.7	20.5

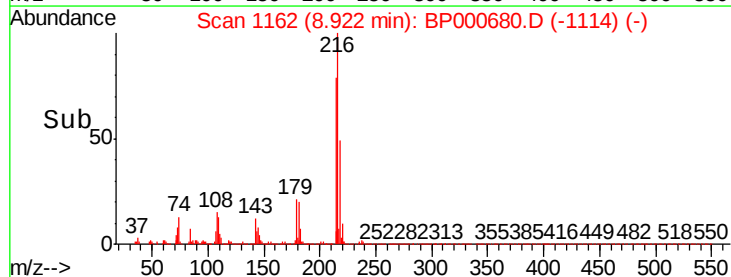
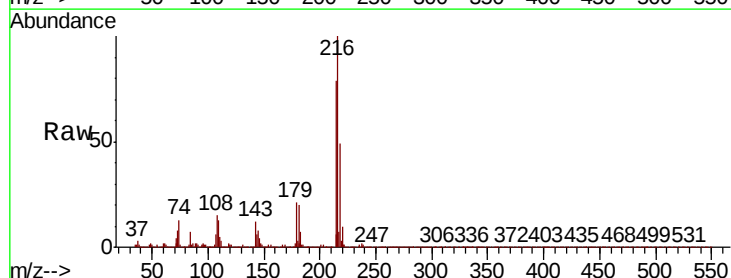
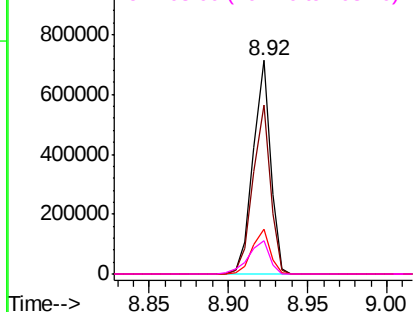
Abundance

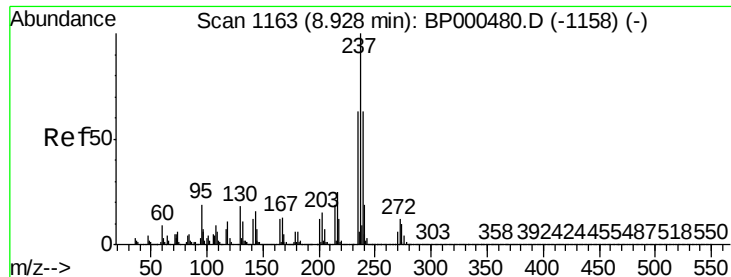
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.114 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

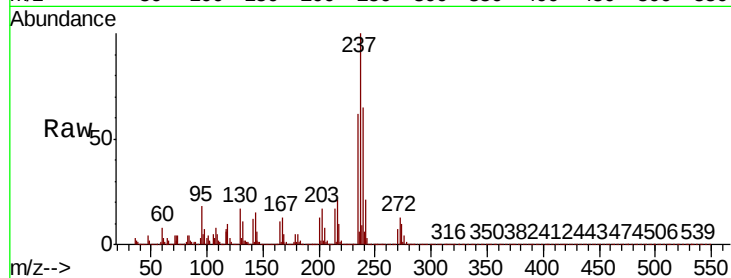
Tot Ion:237 Resp: 362639

Ion Ratio Lower Upper

237 100

235 62.0 42.9 82.9

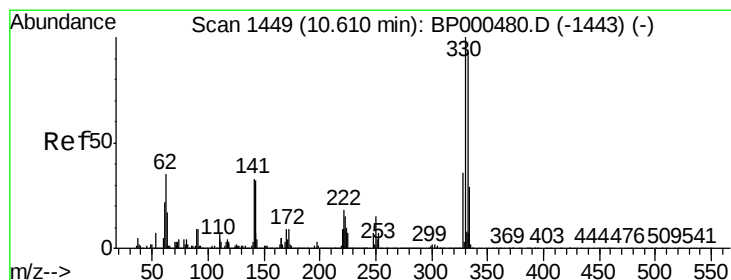
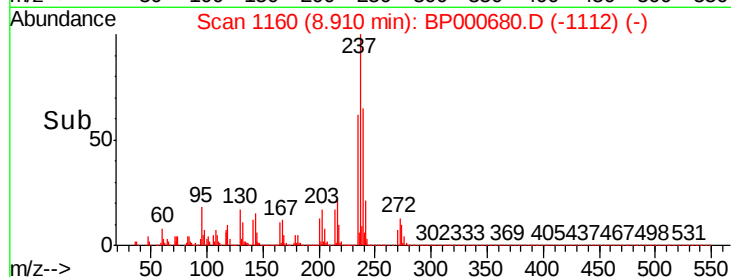
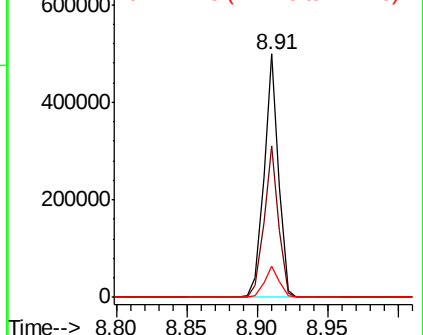
272 13.1 0.0 32.4



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: 120.755 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

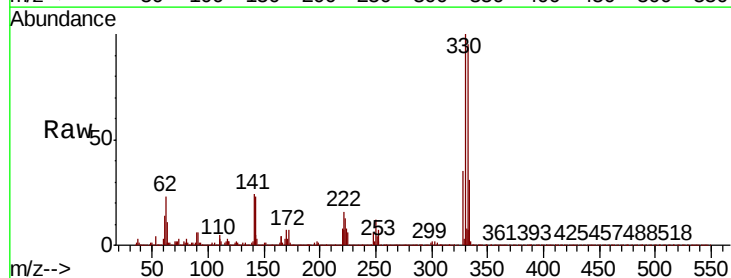
Tgt Ion:330 Resp: 621968

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

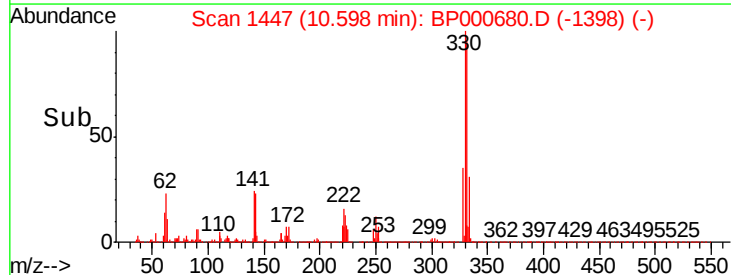
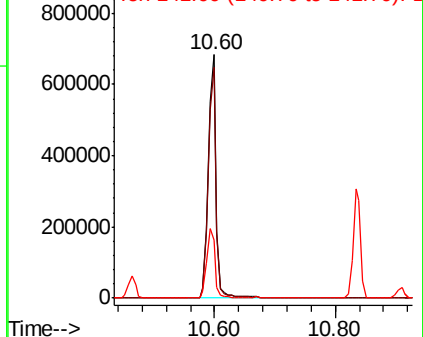
141 29.9 26.0 39.0

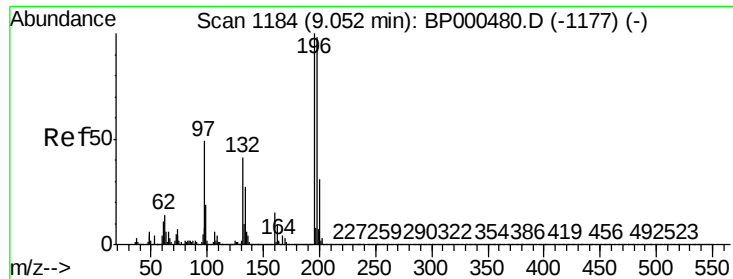


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

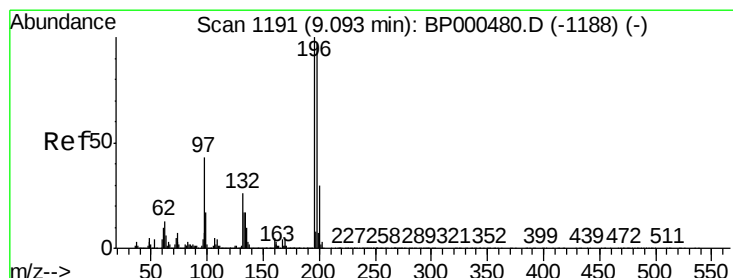
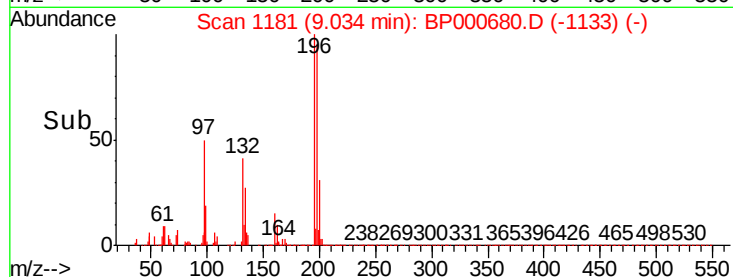
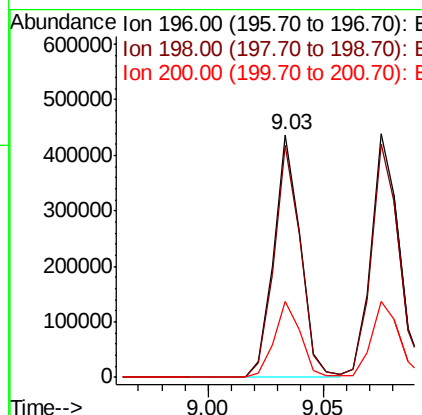
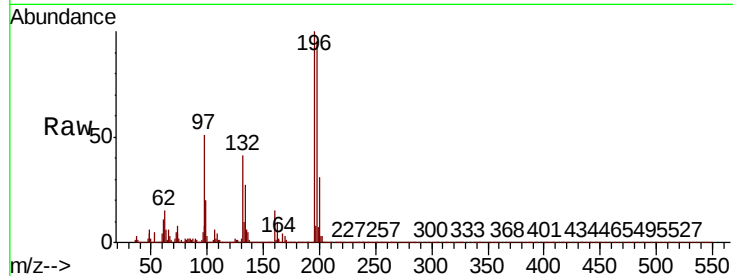




#43
 2,4,6-Trichlorophenol
 Concen: 37.041 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BP000680.D
 Acq: 12 Oct 2019 20:22

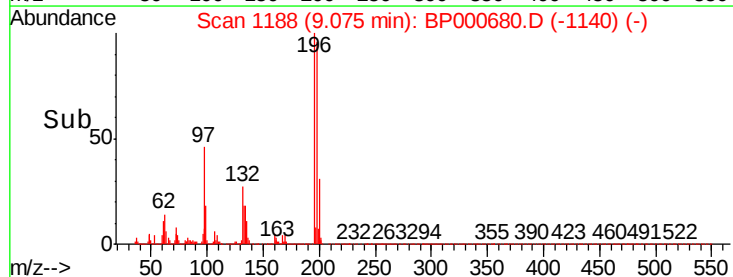
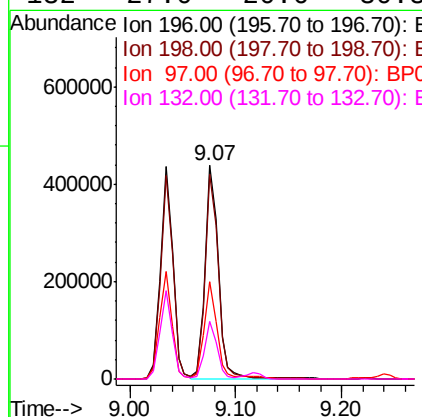
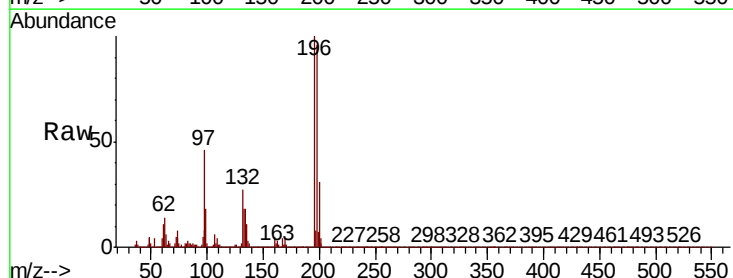
Instrument :
 BNA_P
 ClientSampleId :

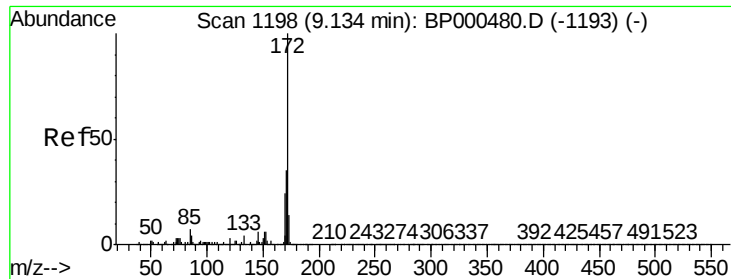
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.2	117.2
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.188 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BP000680.D
 Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.4	116.0
97	45.8	34.6	51.8
132	27.0	20.6	30.8

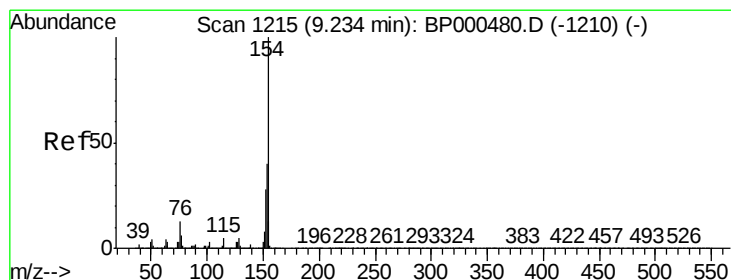
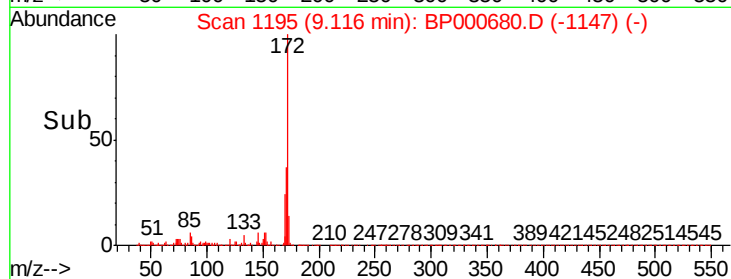
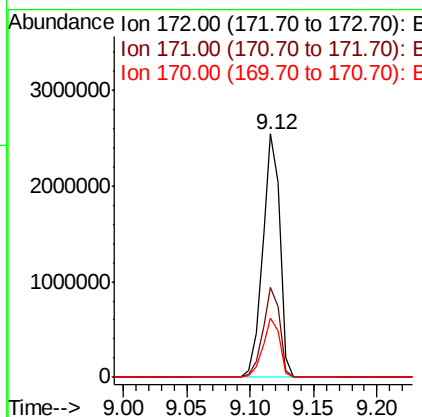
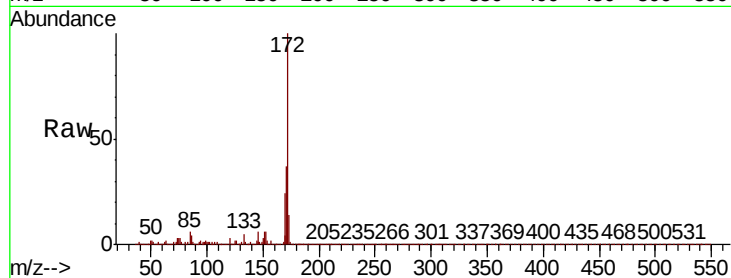




#45
2-Fluorobiphenyl
Concen: 80.902 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

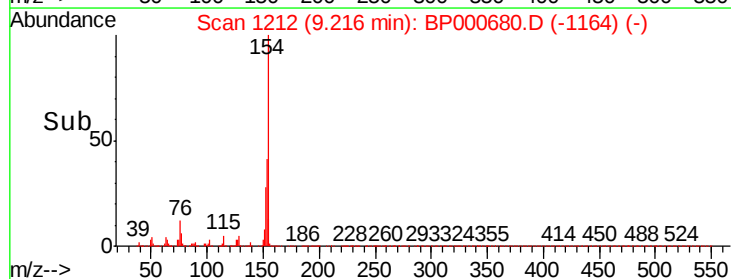
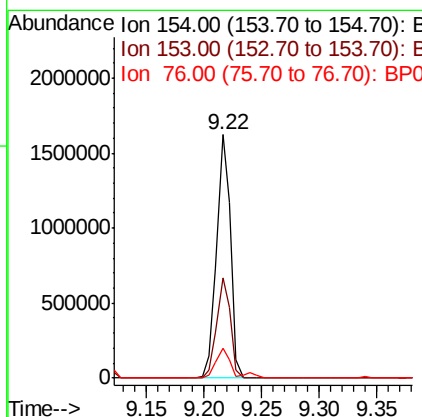
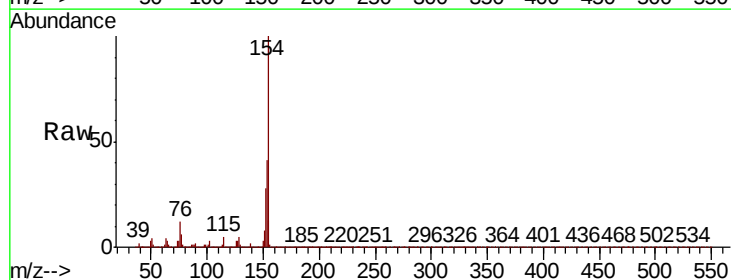
Instrument :
BNA_P
ClientSampleId :

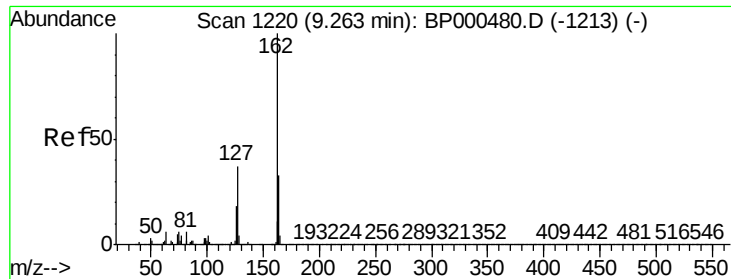
Tot Ion:172 Resp: 2416792
Ion Ratio Lower Upper
172 100
171 36.8 28.4 42.6
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 36.933 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:154 Resp: 1347458
Ion Ratio Lower Upper
154 100
153 41.4 19.9 59.9
76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 37.782 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

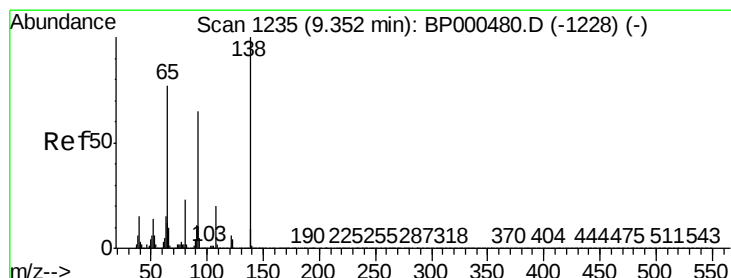
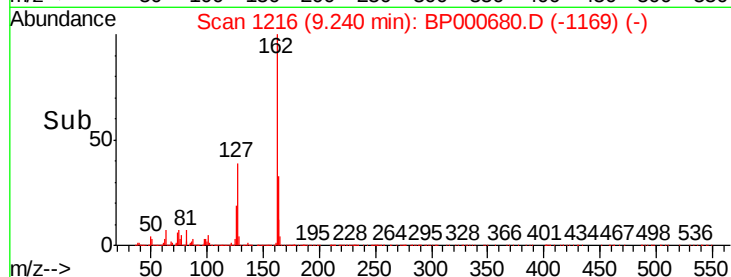
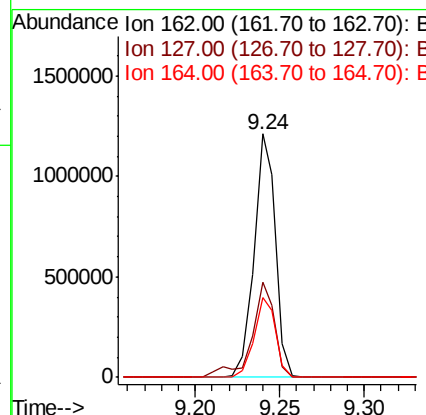
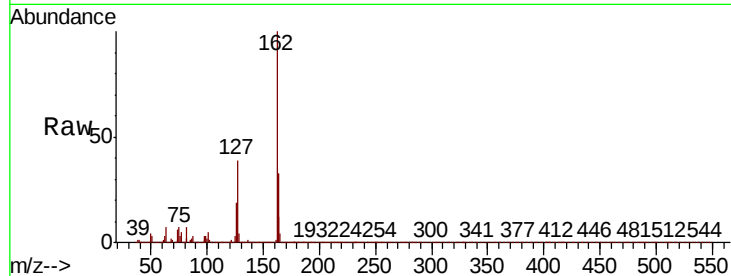
Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 162 Resp: 1065911

Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.8	44.6
164	32.7	26.6	39.8



#48

2-Nitroaniline

Concen: 37.957 ng

RT: 9.34 min Scan# 1233

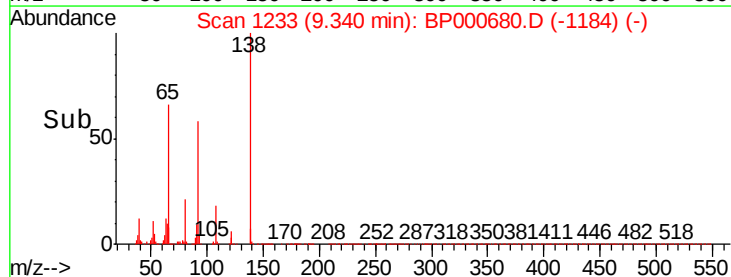
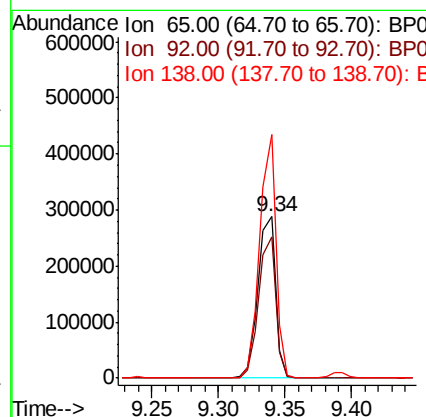
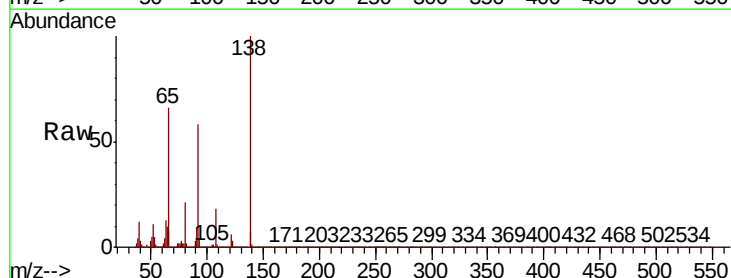
Delta R.T. -0.01 min

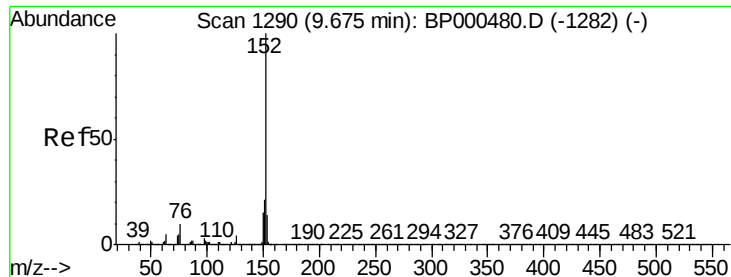
Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion: 65 Resp: 259253

Ion	Ratio	Lower	Upper
65	100		
92	87.5	67.0	100.4
138	151.0	103.5	155.3





#49

Acenaphthylene

Concen: 39.306 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

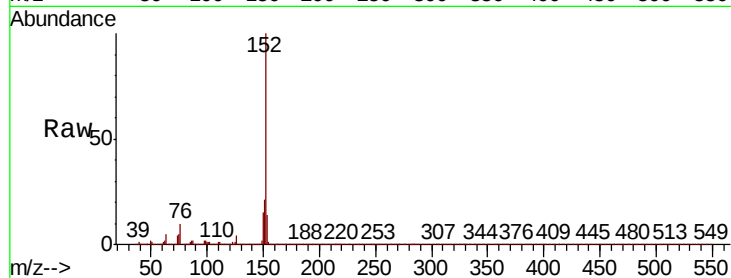
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1672991

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.6	11.0	16.6

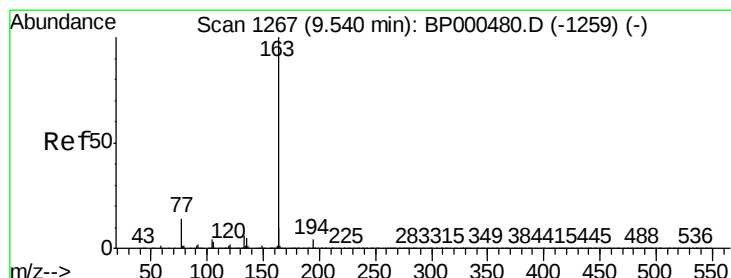
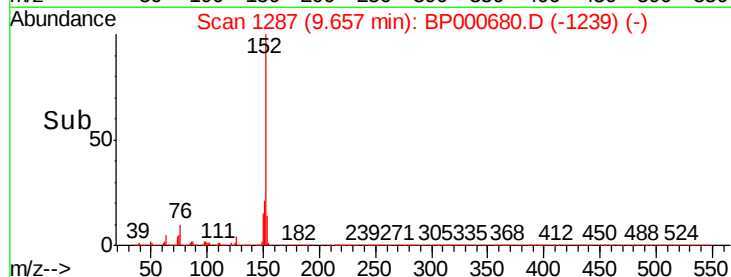
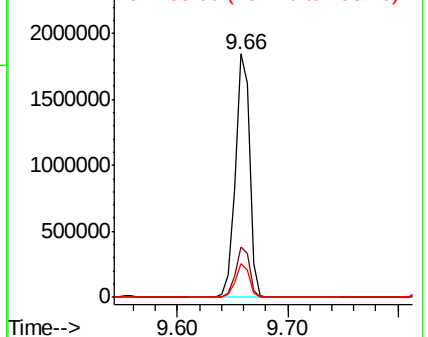


Abundance

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: 48.745 ng

RT: 9.52 min Scan# 1264

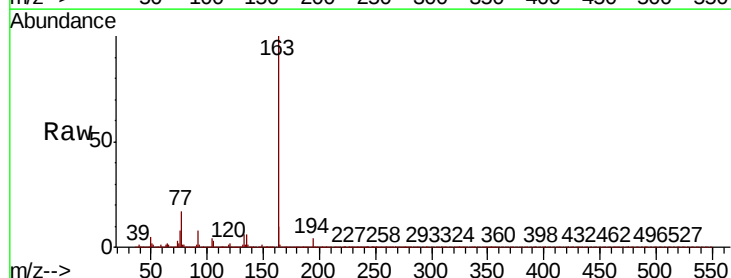
Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:163 Resp: 1637112

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.5	8.0	12.0

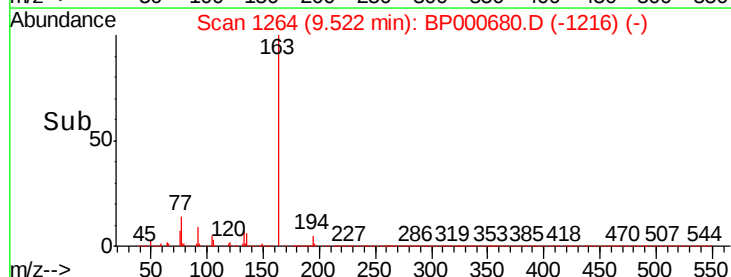
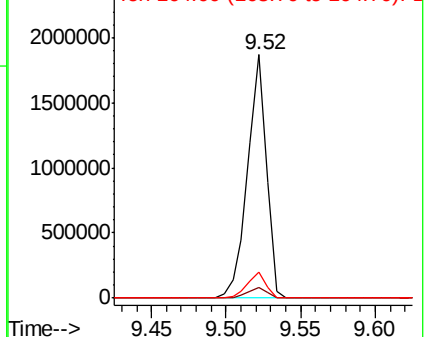


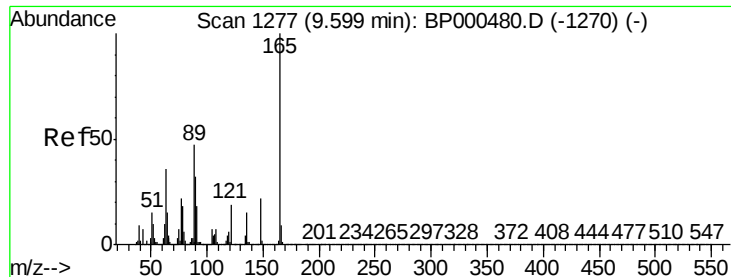
Abundance

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

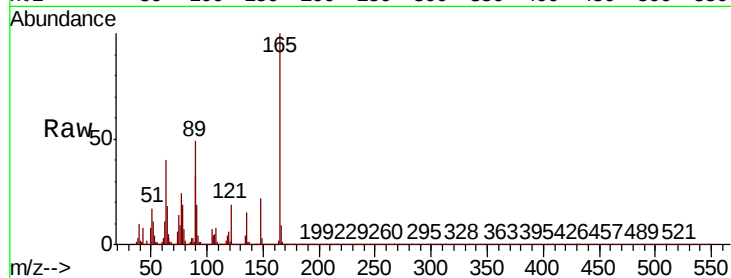




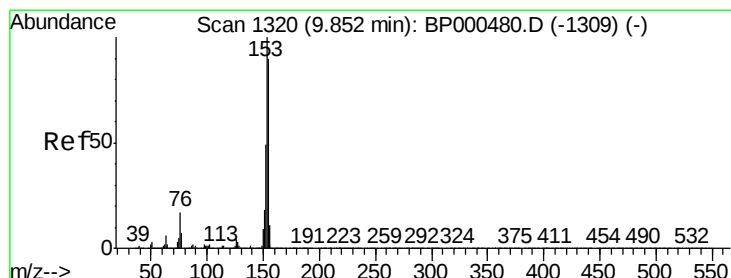
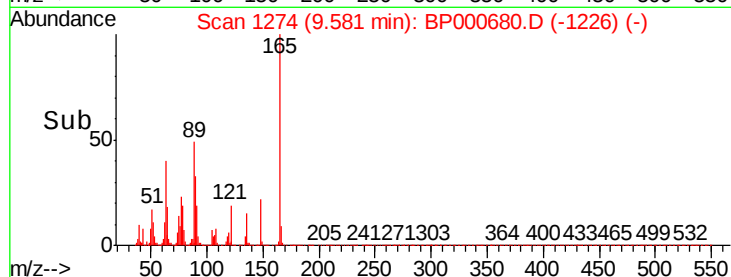
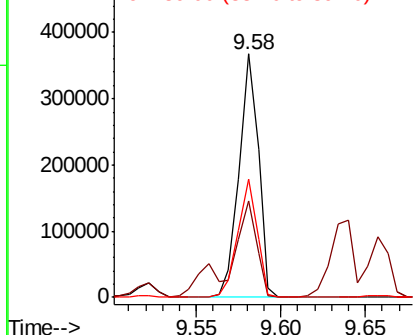
#51
2,6-Dinitrotoluene
Concen: 40.062 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	29.9	44.9
89	48.5	37.3	55.9

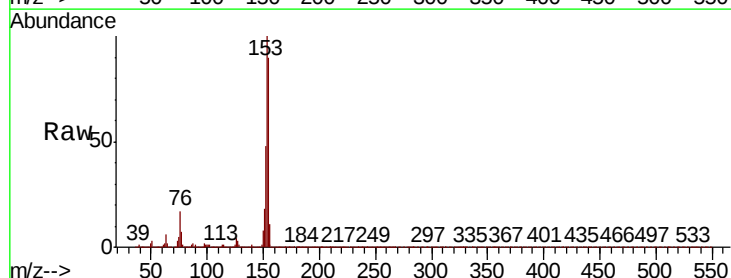


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

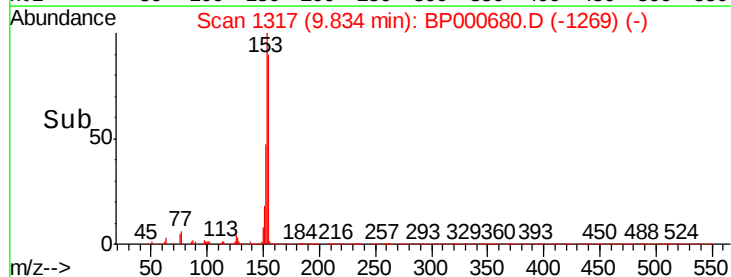
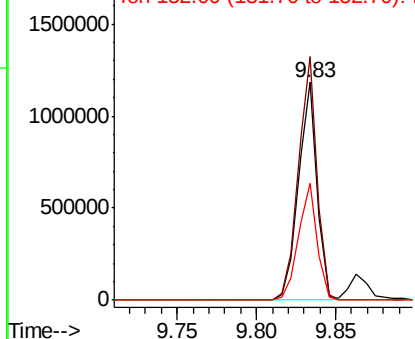


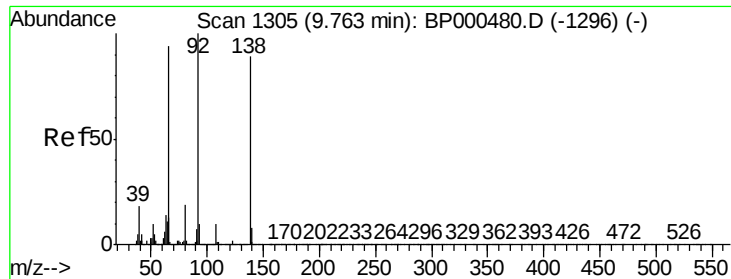
#52
Acenaphthene
Concen: 37.226 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.6	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

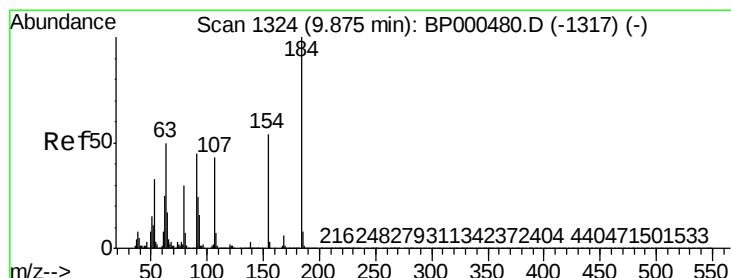
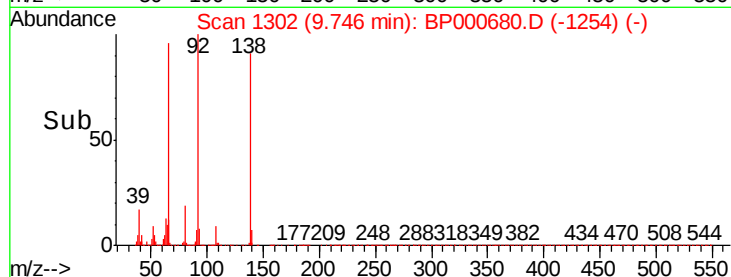
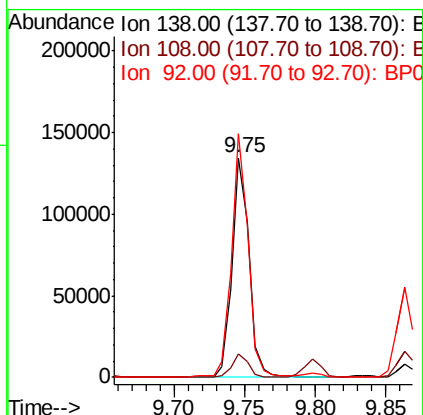
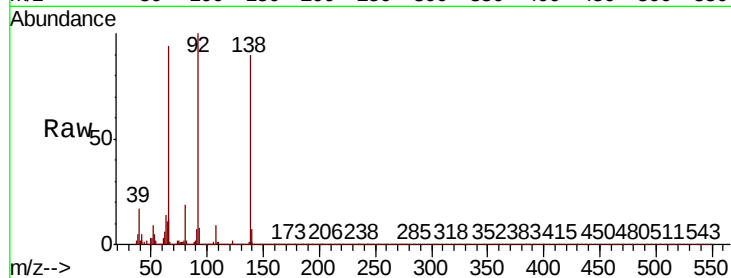




#53
3-Nitroaniline
Concen: 13.416 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

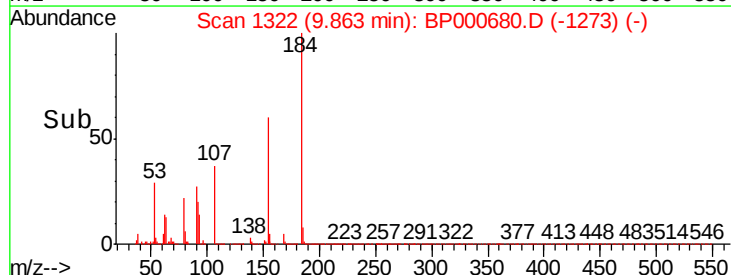
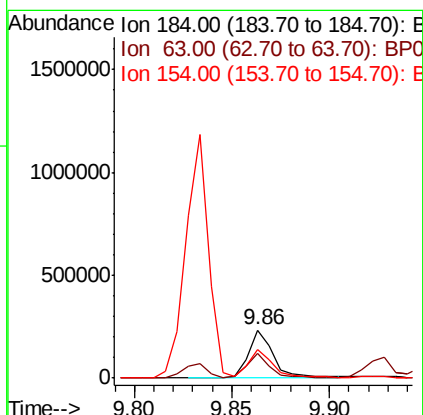
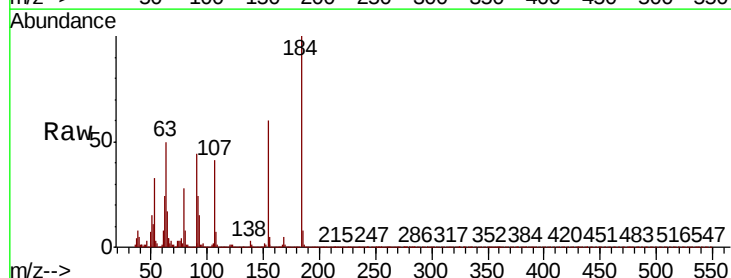
Instrument :
BNA_P
ClientSampleId :

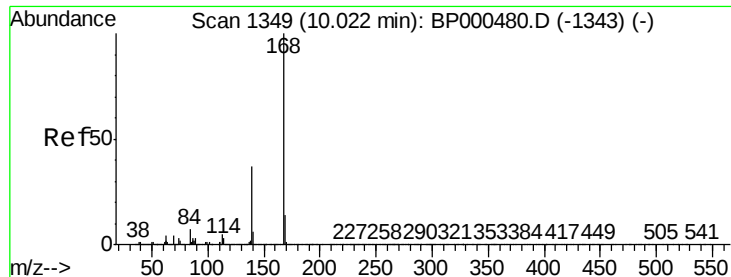
Tot Ion:138 Resp: 112591
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 111.0 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 84.159 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:184 Resp: 205678
Ion Ratio Lower Upper
184 100
63 50.2 41.0 61.4
154 60.4 49.8 74.8





#55

Dibenzofuran

Concen: 39.115 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

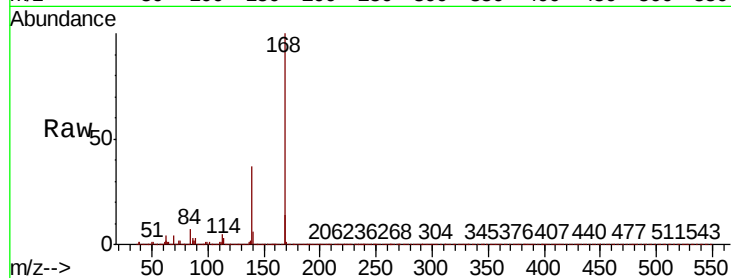
Tot Ion:168 Resp: 1509651

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.5	44.3
169	13.9	11.1	16.7

168 100

139 37.3 29.5 44.3

169 13.9 11.1 16.7

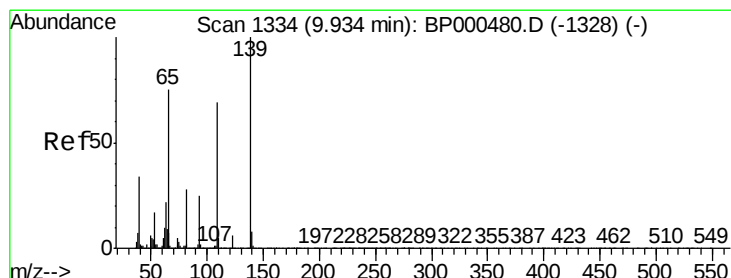
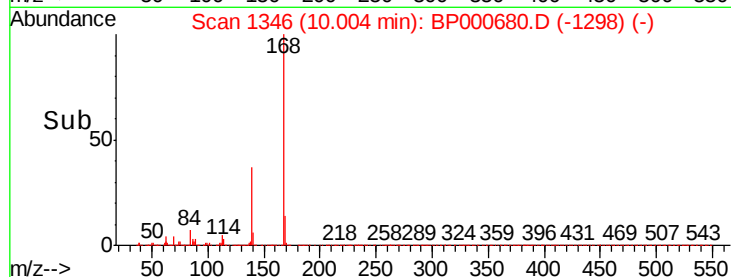
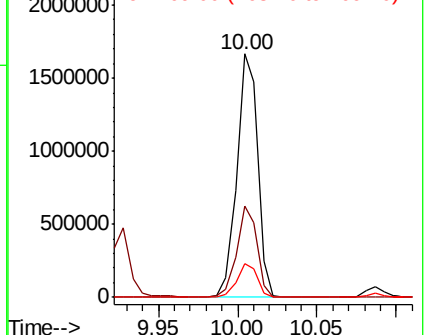


Abundance

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: 76.666 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

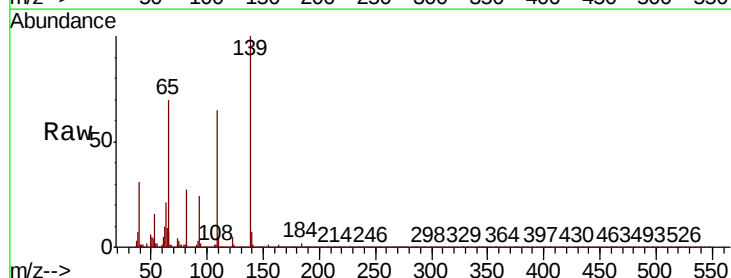
Tgt Ion:139 Resp: 410761

Ion	Ratio	Lower	Upper
139	100		
109	65.2	48.6	88.6
65	69.6	55.3	95.3

139 100

109 65.2 48.6 88.6

65 69.6 55.3 95.3

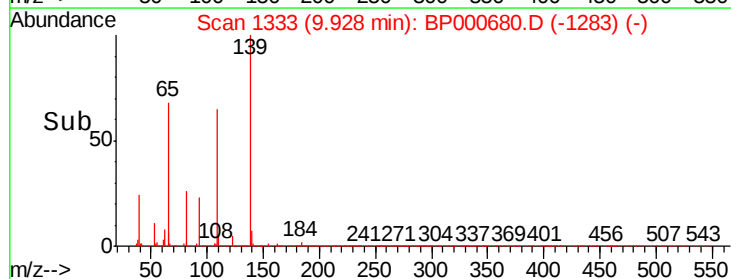
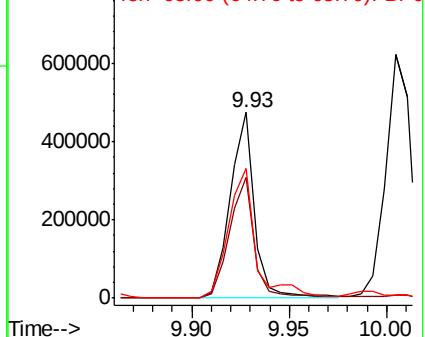


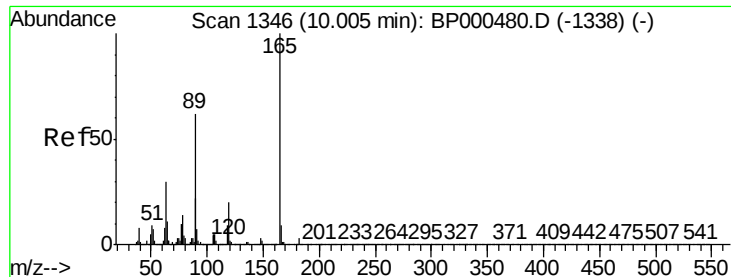
Abundance

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

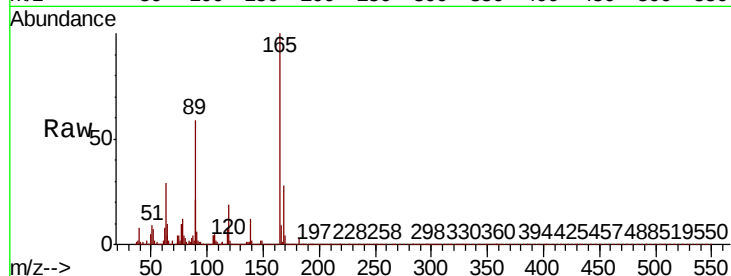




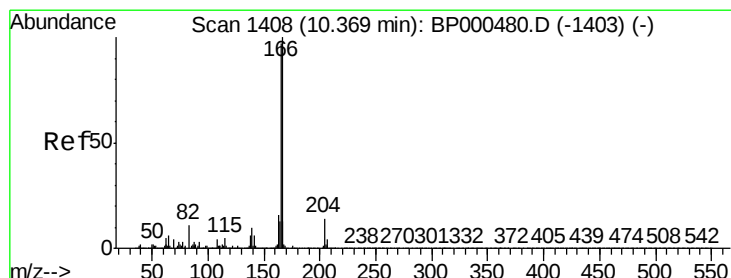
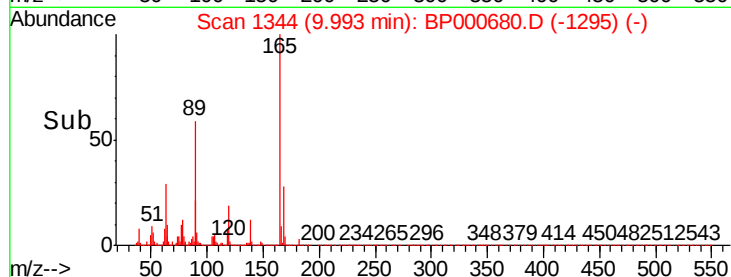
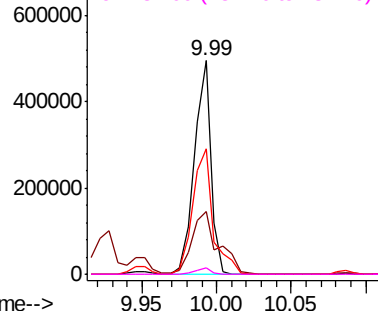
#57
2,4-Dinitrotoluene
Concen: 39.846 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	386944
Ion	Ratio	Lower Upper
165	100	
63	29.4	24.2 36.4
89	58.7	49.4 74.0
182	3.0	2.5 3.7

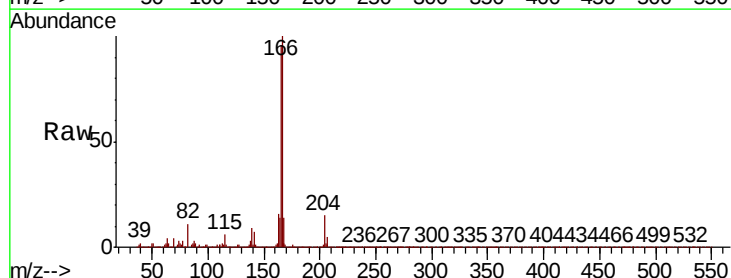


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

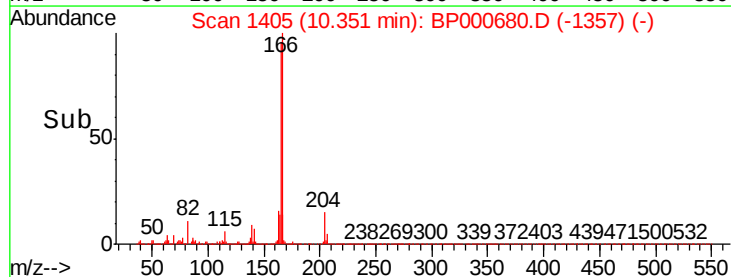
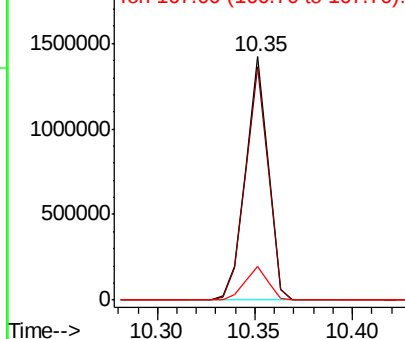


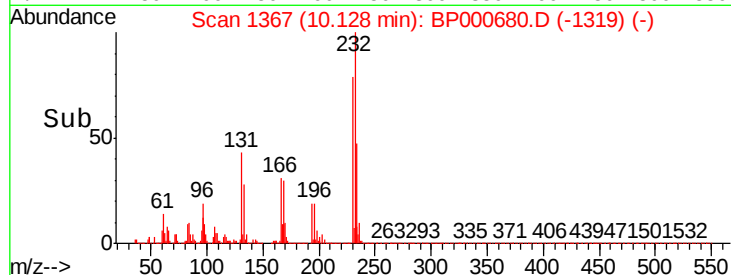
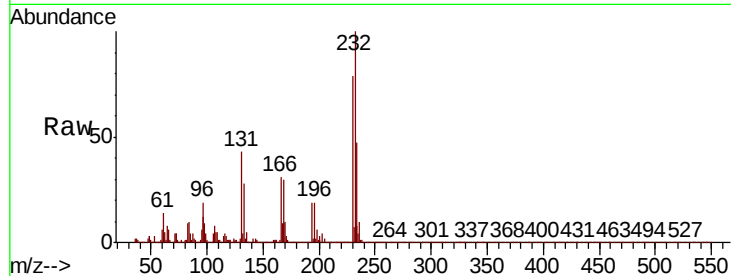
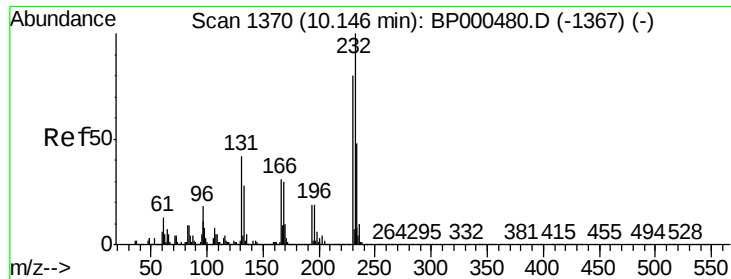
#58
Fluorene
Concen: 41.501 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:166	Resp:	1141583
Ion	Ratio	Lower Upper
166	100	
165	96.1	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: 39.963 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 328477

Ion	Ratio	Lower	Upper
232	100		
131	37.4	32.1	48.1
130	1.9	1.6	2.4
166	27.3	23.0	34.4

232 100

131 37.4 32.1 48.1

130 1.9 1.6 2.4

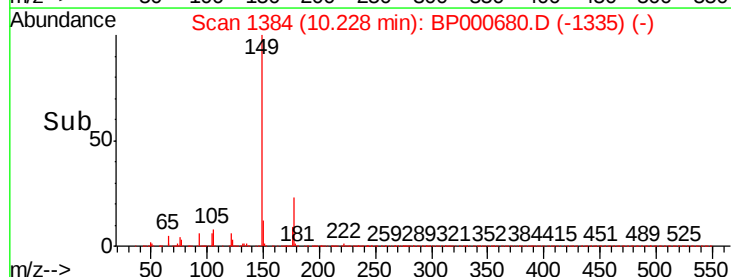
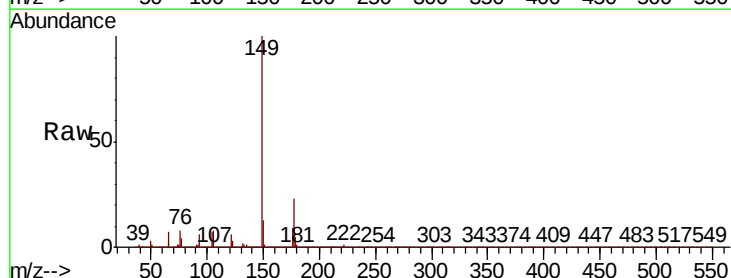
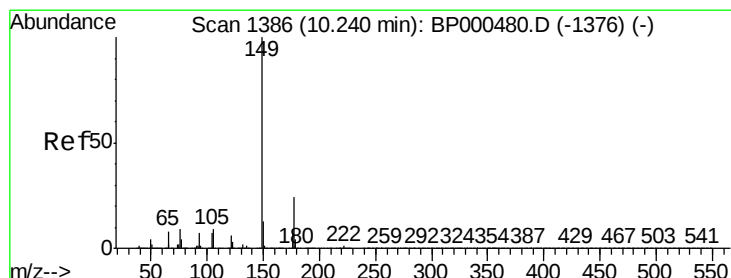
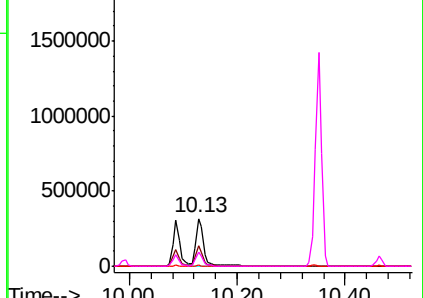
166 27.3 23.0 34.4

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.276 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:149 Resp: 1220308

Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	12.5	10.8	16.2

149 100

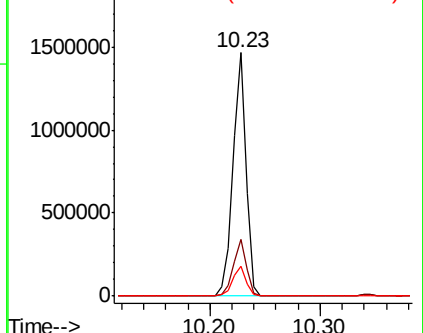
177 23.2 19.0 28.6

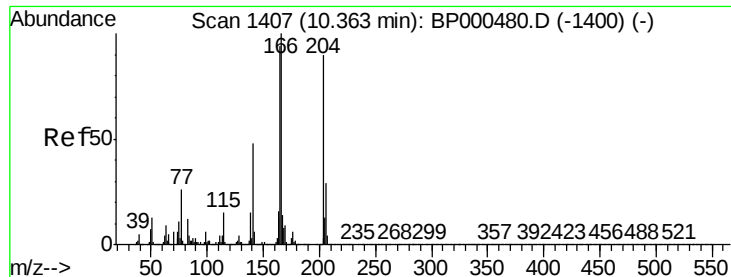
150 12.5 10.8 16.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.003 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

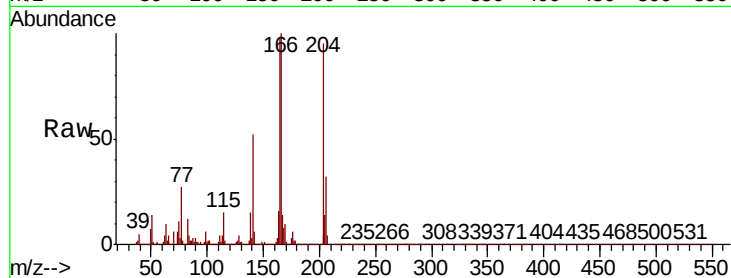
Tot Ion:204 Resp: 591722

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.8

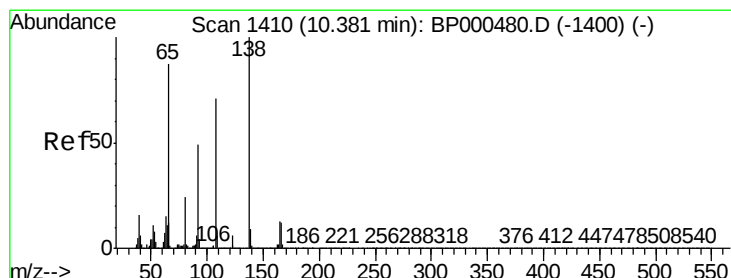
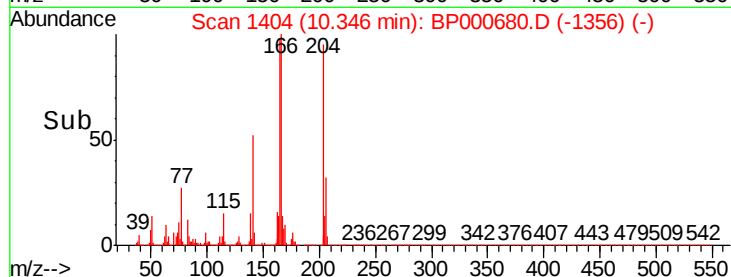
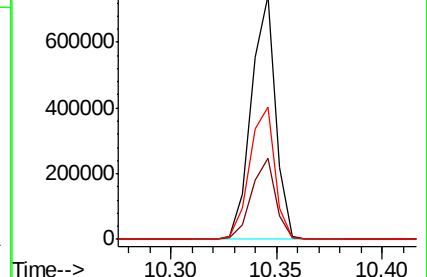
141 54.1 42.8 64.2



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: 36.531 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

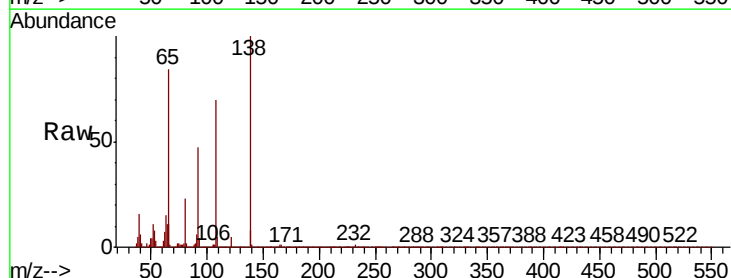
Tgt Ion:138 Resp: 294847

Ion Ratio Lower Upper

138 100

92 46.8 28.7 68.7

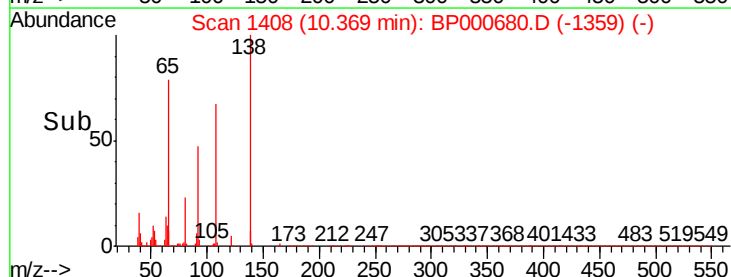
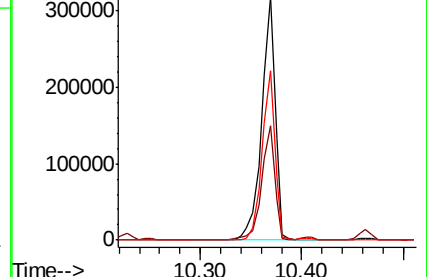
108 69.7 50.6 90.6

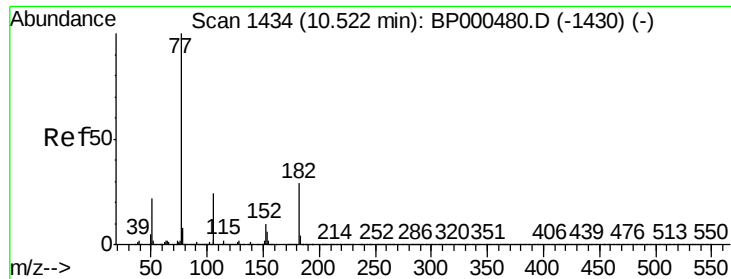


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

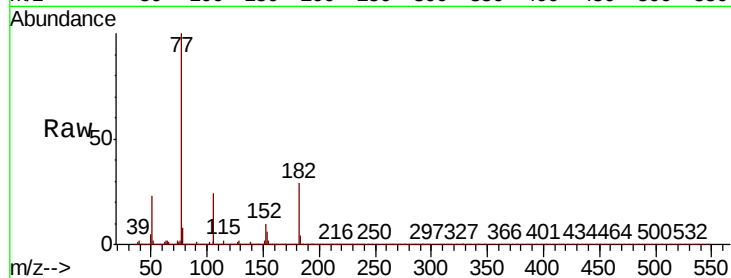




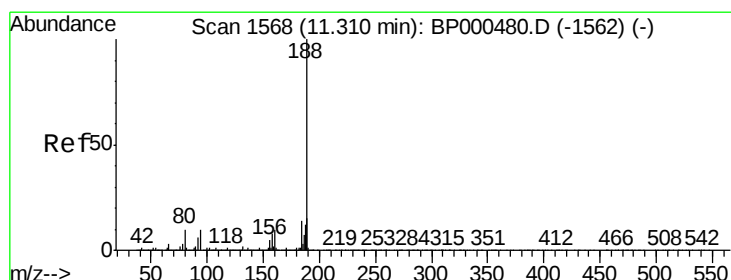
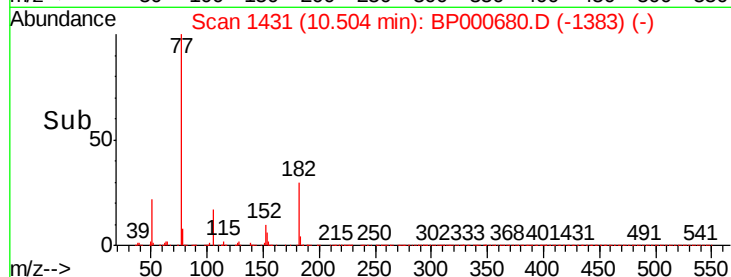
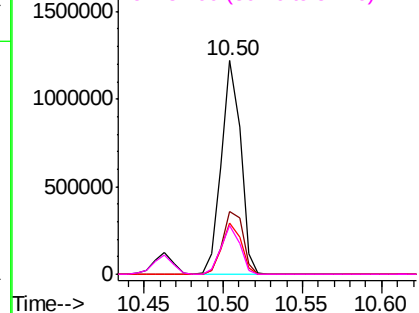
#63
Azobenzene
Concen: 42.151 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1031737
Ion Ratio Lower Upper
77 100
182 29.3 9.0 49.0
105 23.8 3.8 43.8
51 22.6 1.9 41.9

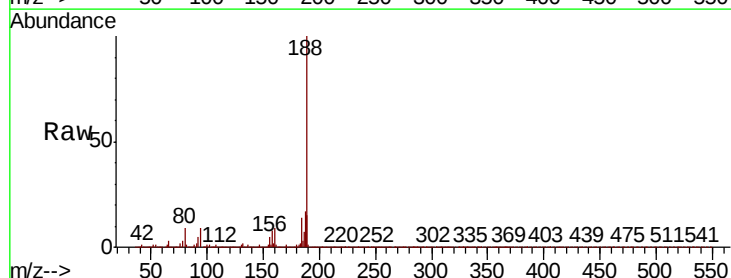


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

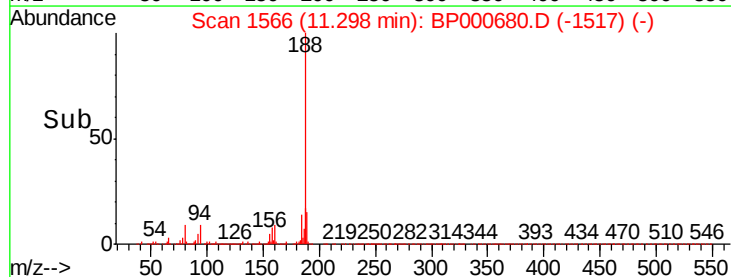
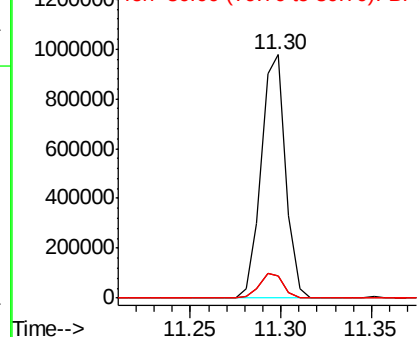


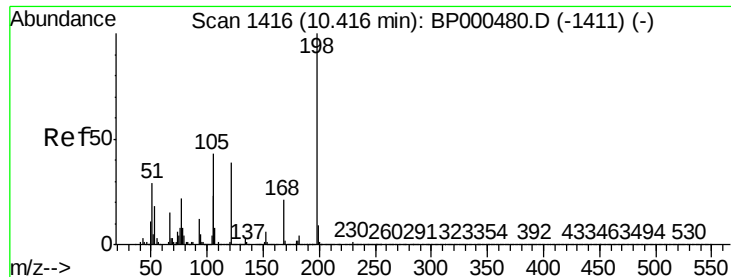
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion: 188 Resp: 912029
Ion Ratio Lower Upper
188 100
94 9.2 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: 42.671 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

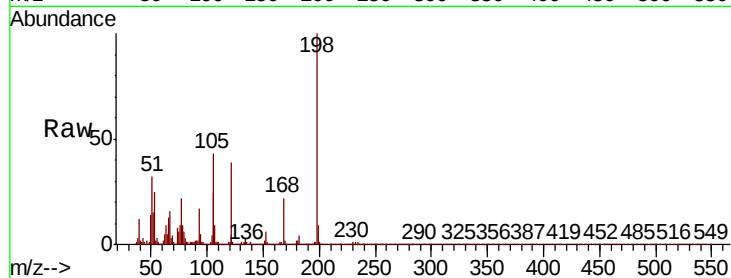
Tot Ion:198 Resp: 172519

Ion Ratio Lower Upper

198 100

51 32.0 12.8 52.8

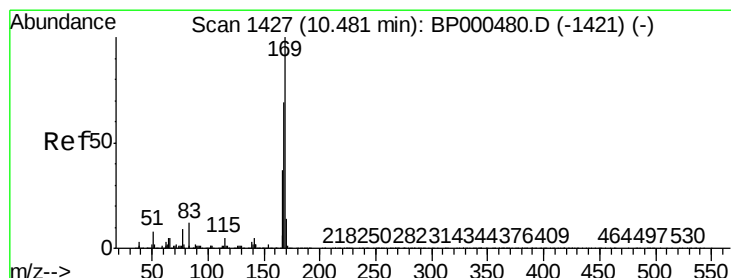
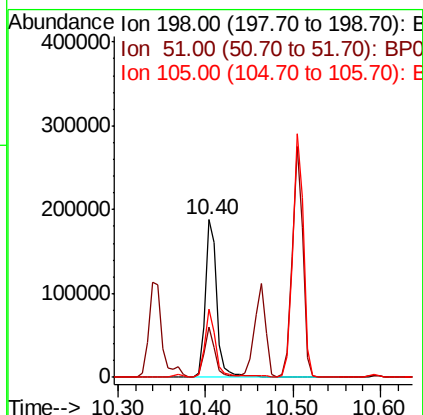
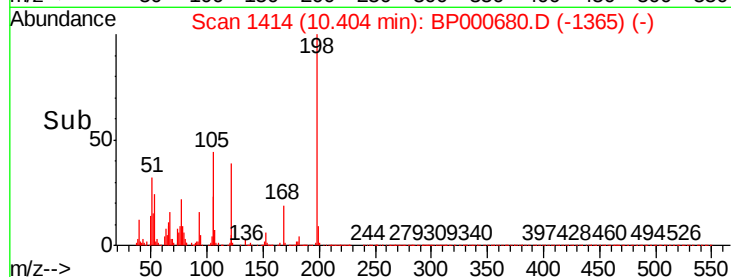
105 43.4 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.976 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

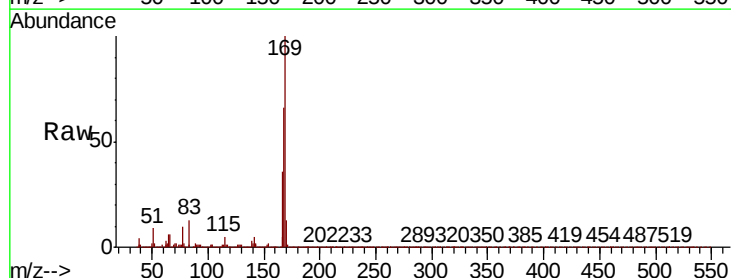
Tgt Ion:169 Resp: 1061881

Ion Ratio Lower Upper

169 100

168 66.4 55.4 83.2

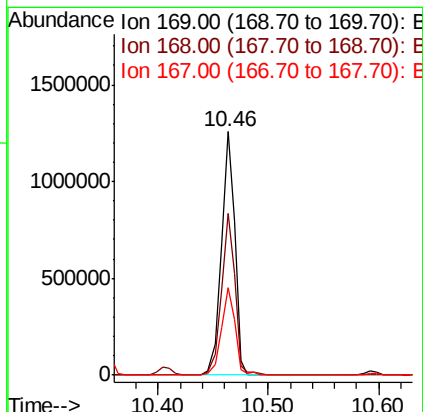
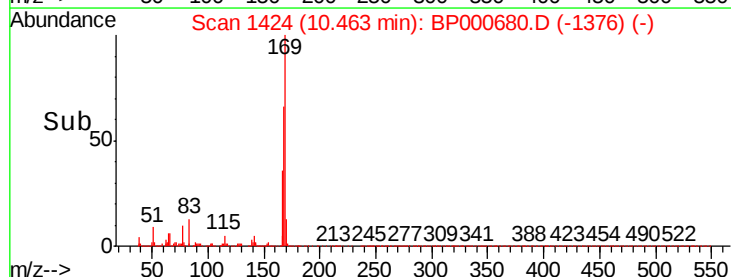
167 35.8 29.4 44.2

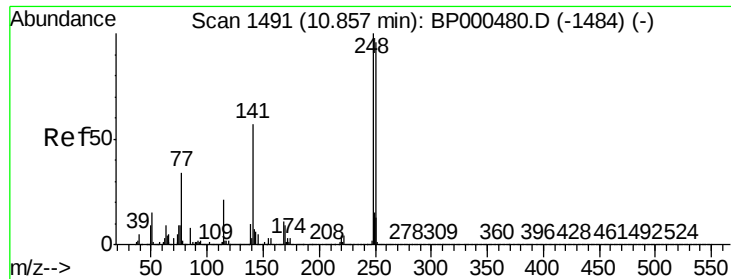


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

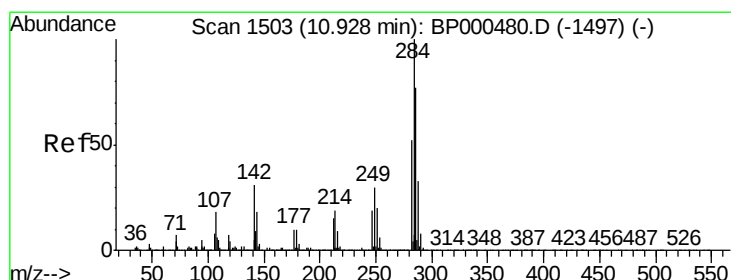
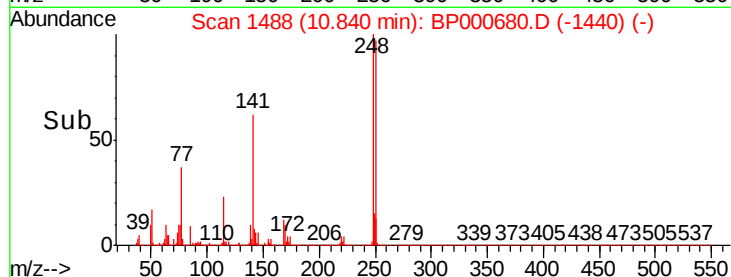
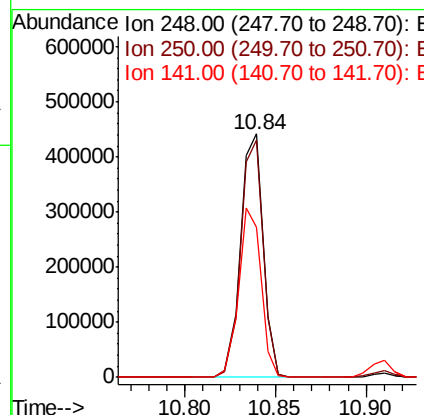
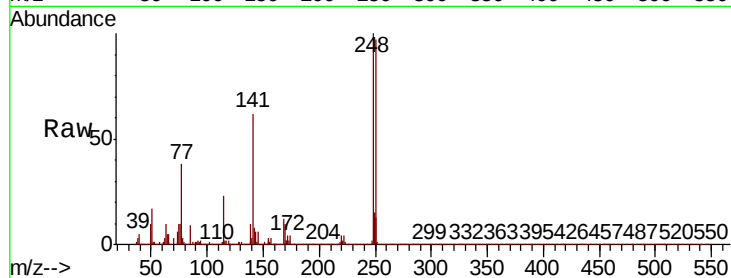




#67
4-Bromophenyl-phenylether
Concen: 37.443 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

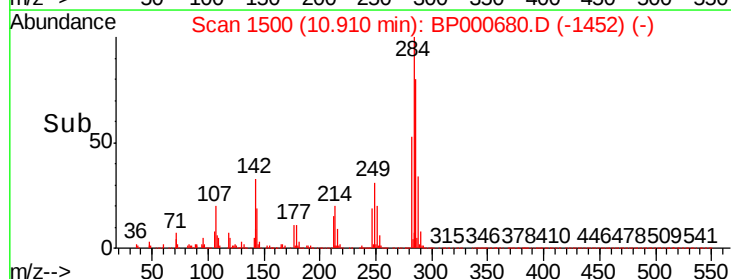
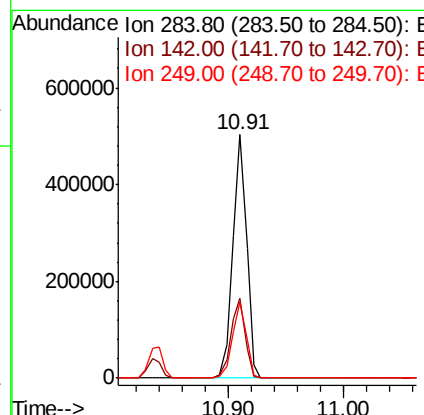
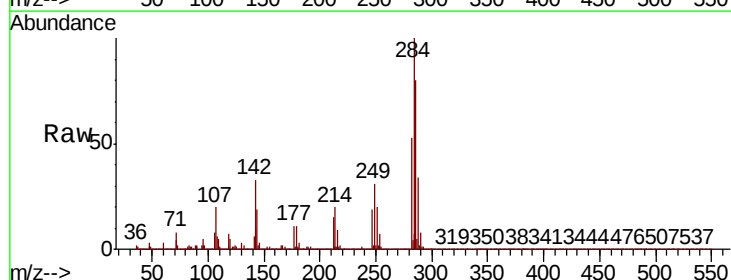
Instrument :
BNA_P
ClientSampled :

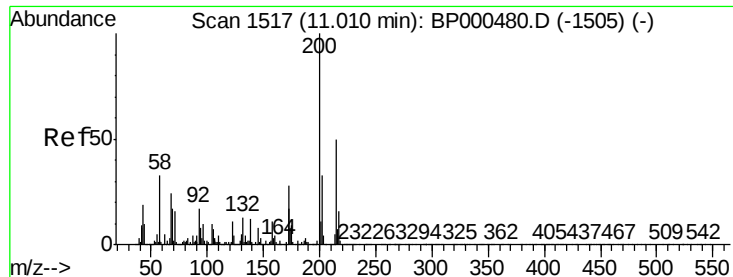
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.2	115.8
141	61.9	45.3	67.9



#68
Hexachlorobenzene
Concen: 35.549 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	24.6	37.0
249	31.4	24.1	36.1





#69

Atrazine

Concen: 38.526 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

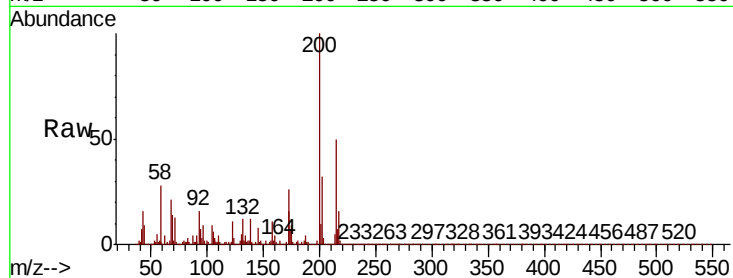
Tot Ion:200 Resp: 335830

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

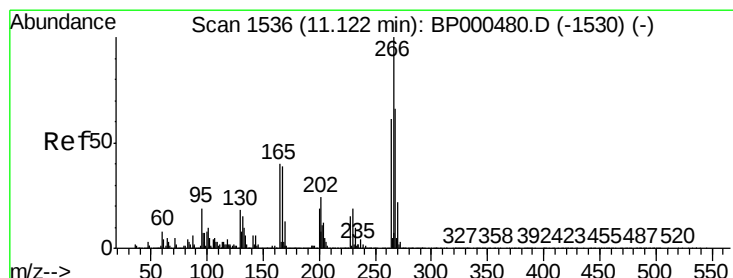
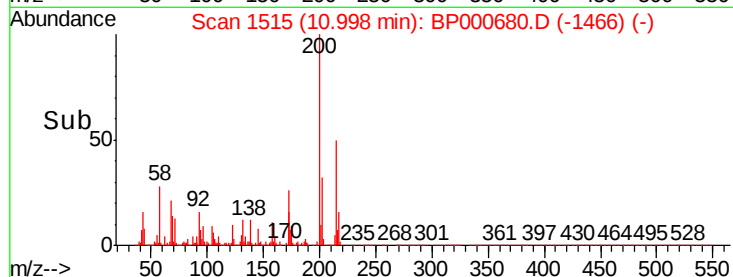
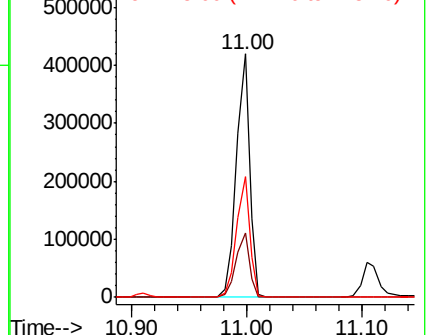
215 49.7 29.5 69.5



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: 77.640 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

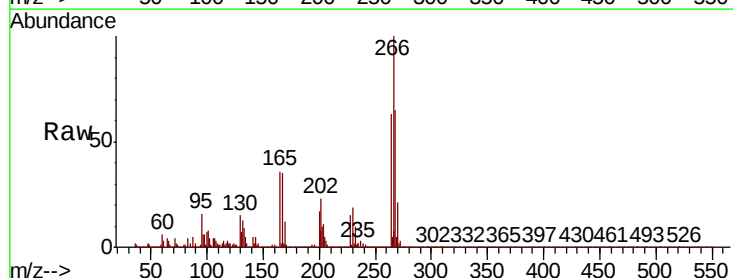
Tgt Ion:266 Resp: 363806

Ion Ratio Lower Upper

266 100

268 64.9 53.2 79.8

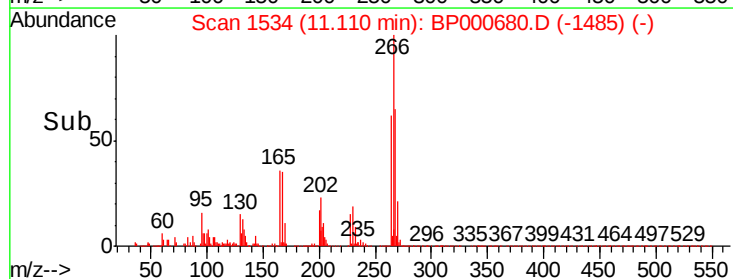
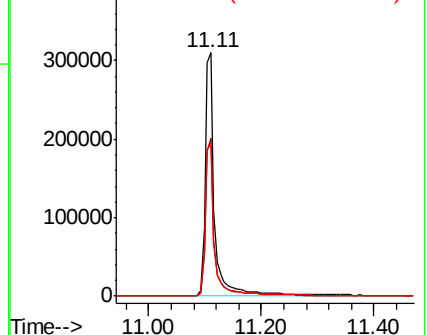
264 62.5 49.0 73.4

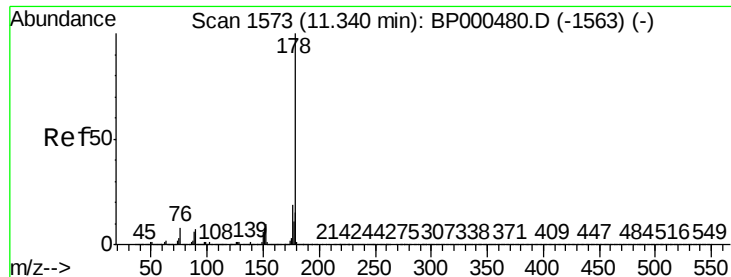


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

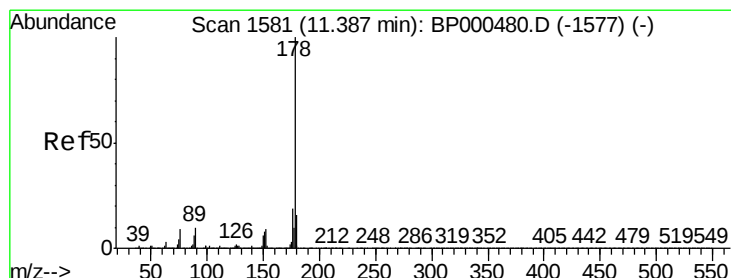
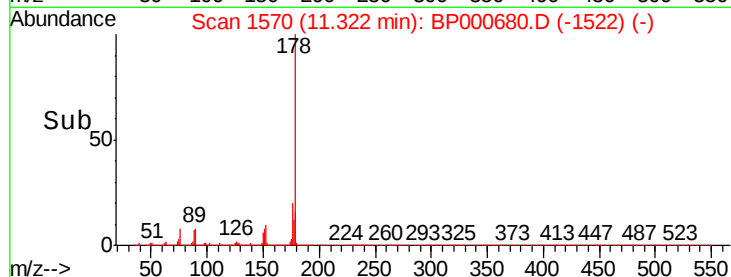
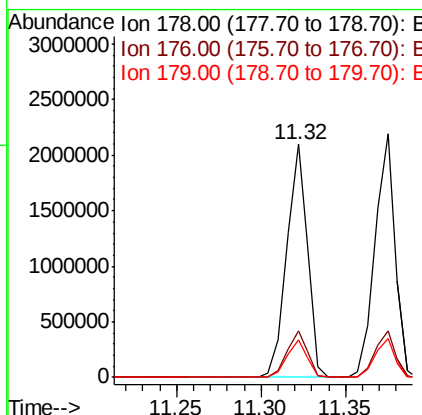
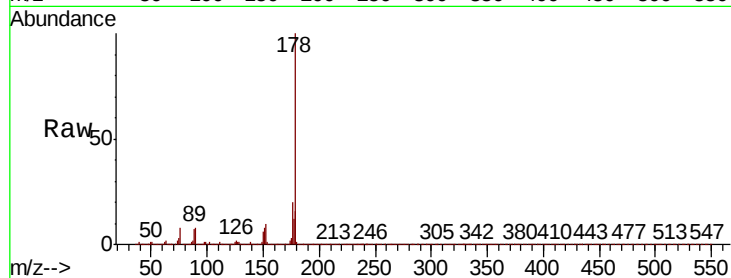




#71
Phenanthrene
Concen: 39.098 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

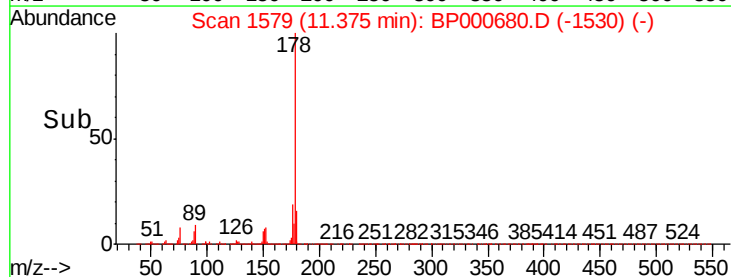
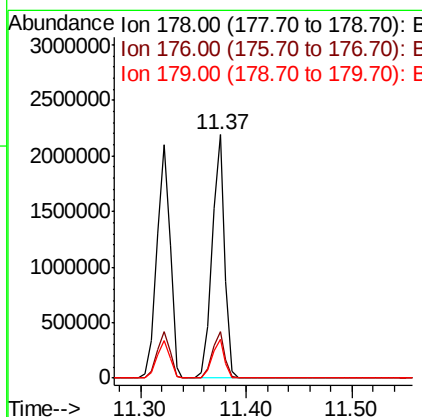
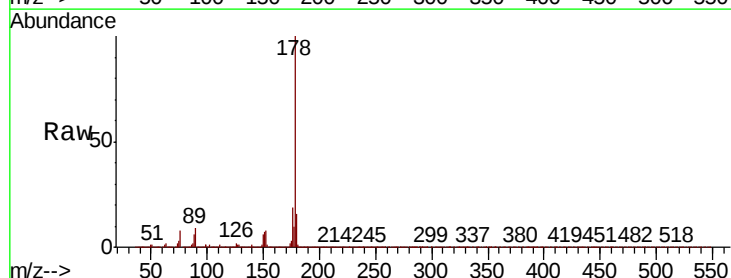
Instrument :
BNA_P
ClientSampleId :

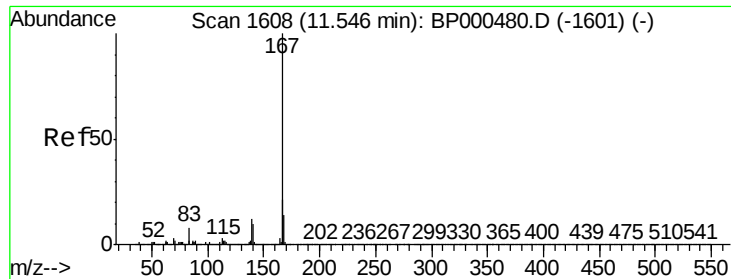
Tot Ion:178 Resp: 1790853
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.9 12.2 18.4



#72
Anthracene
Concen: 40.232 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:178 Resp: 1827176
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.9 12.6 19.0



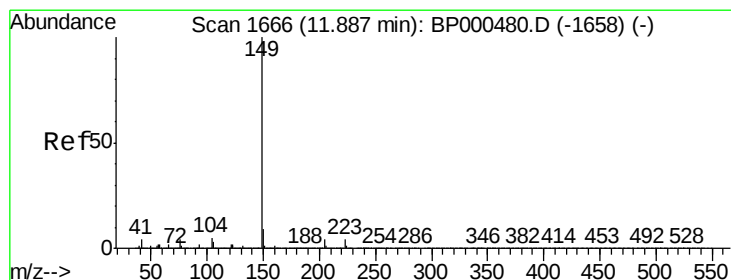
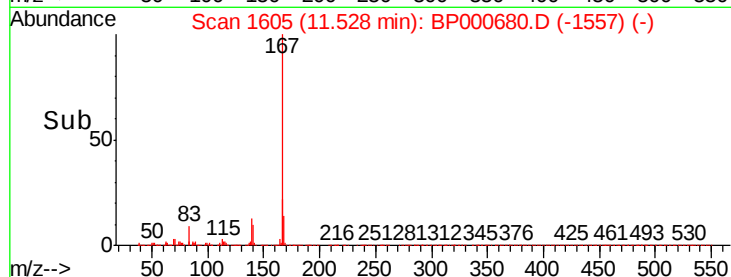
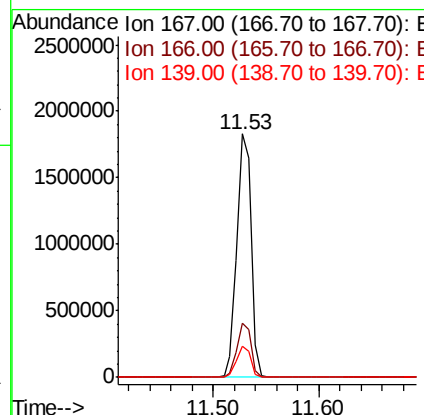
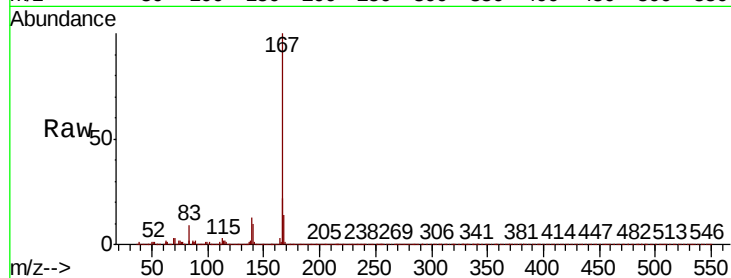


#73
 Carbazole
 Concen: 40.214 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BP000680.D
 Acq: 12 Oct 2019 20:22

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:167 Resp: 1693023

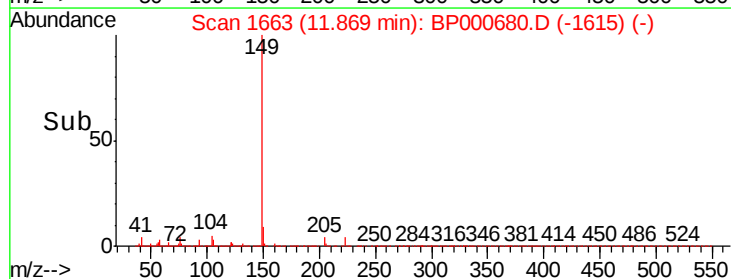
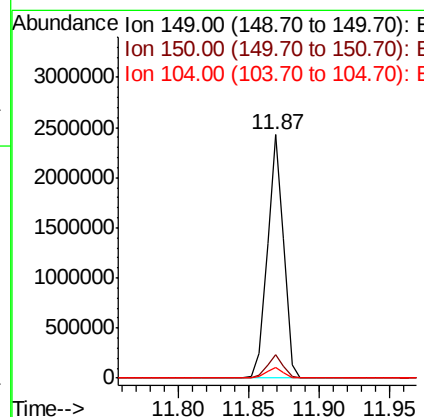
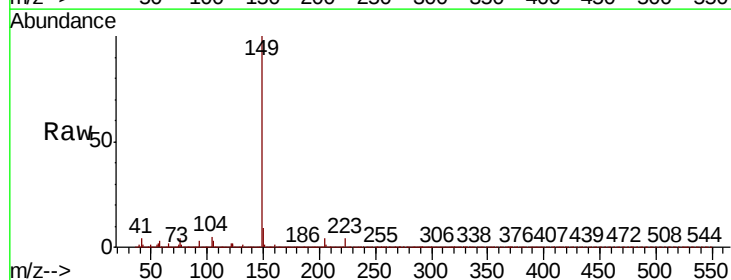
Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	13.0	9.7	14.5

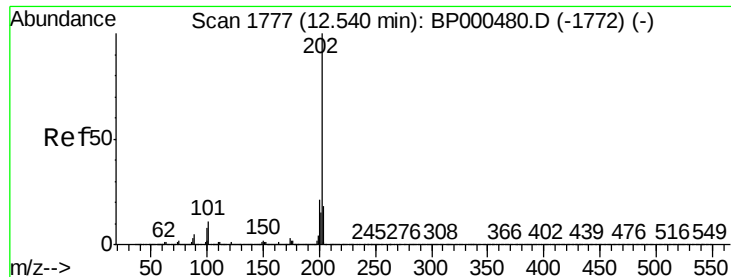


#74
 Di-n-butylphthalate
 Concen: 38.474 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000680.D
 Acq: 12 Oct 2019 20:22

Tgt Ion:149 Resp: 1973157

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.6	3.7	5.5

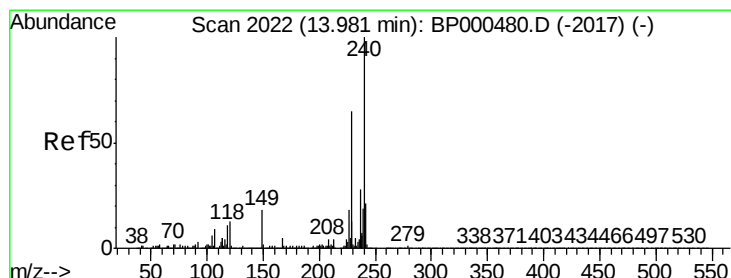
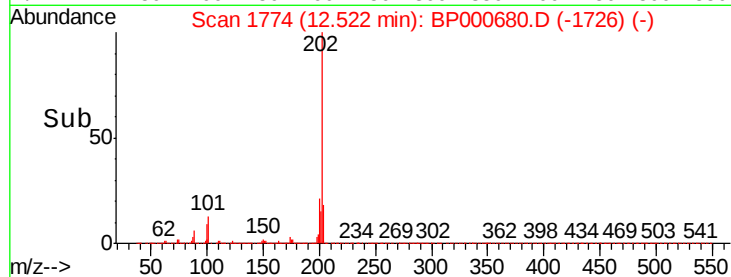
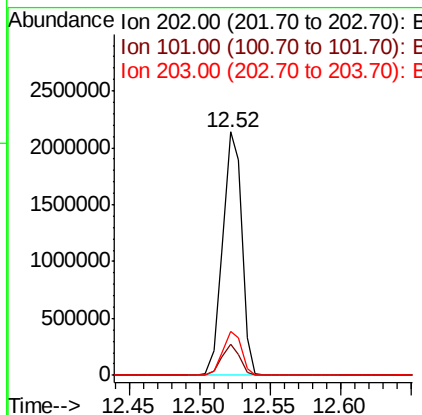
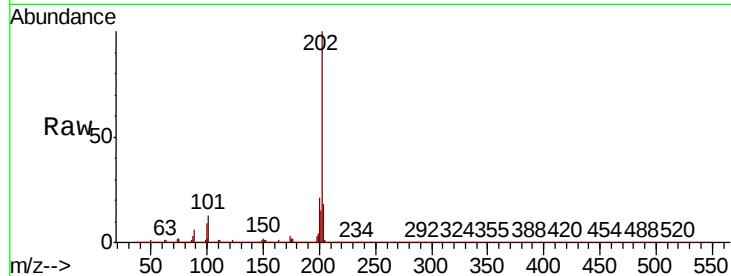




#75
Fluoranthene
Concen: 39.215 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

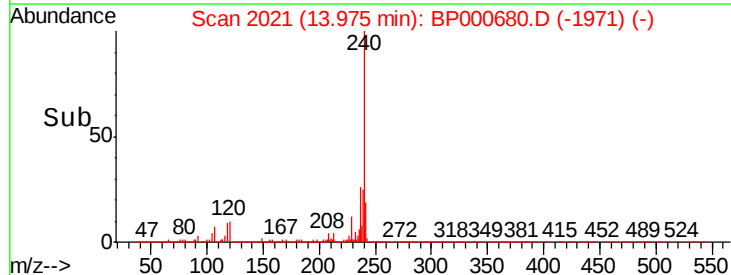
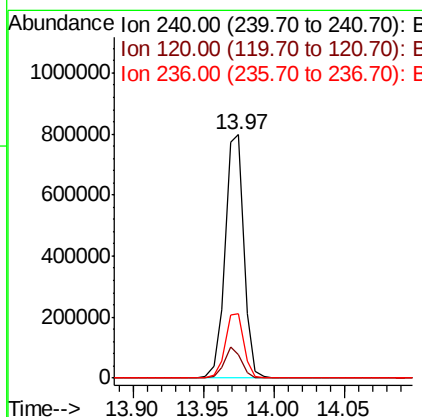
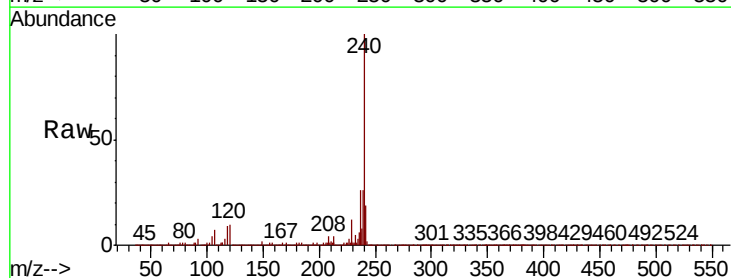
Instrument :
BNA_P
ClientSampled :

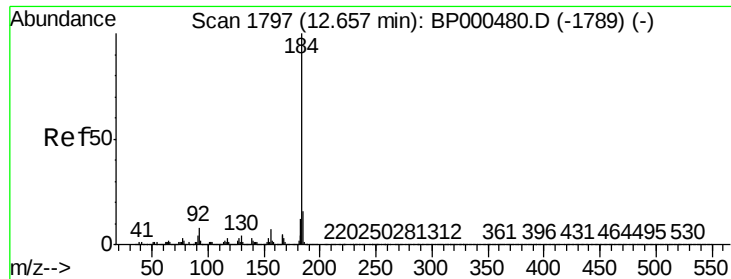
Tot Ion:202 Resp: 2017359
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.3
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:240 Resp: 736888
Ion Ratio Lower Upper
240 100
120 9.8 10.1 15.1#
236 26.2 22.7 34.1

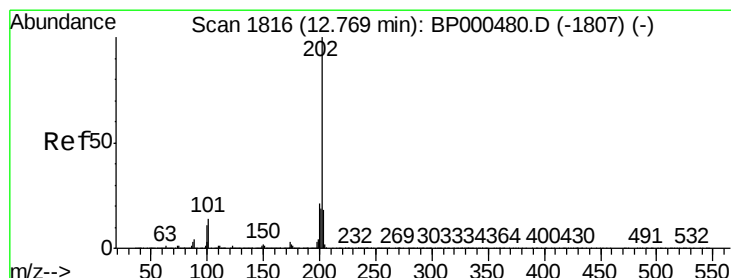
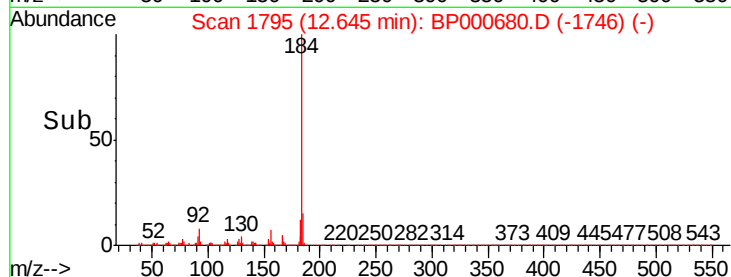
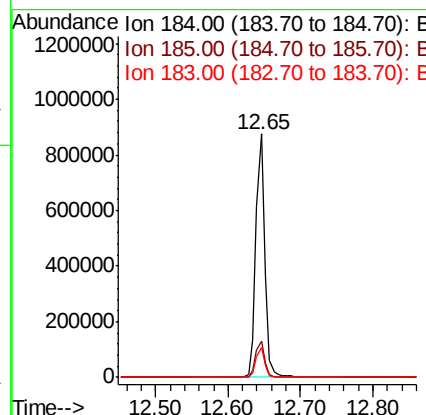
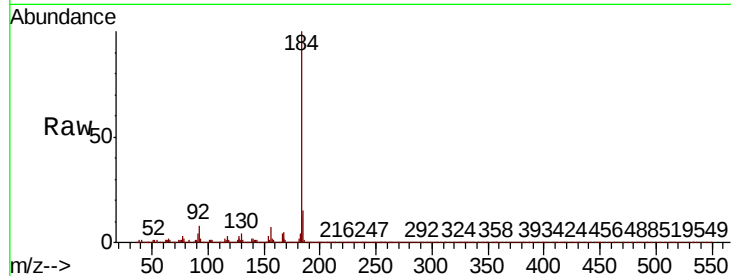




#77
Benzidine
Concen: 35.267 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

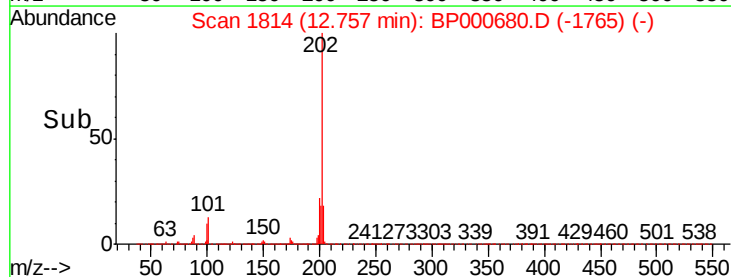
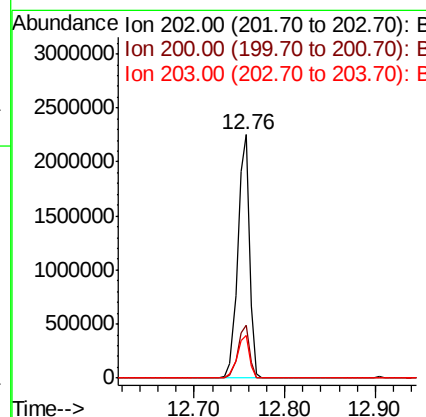
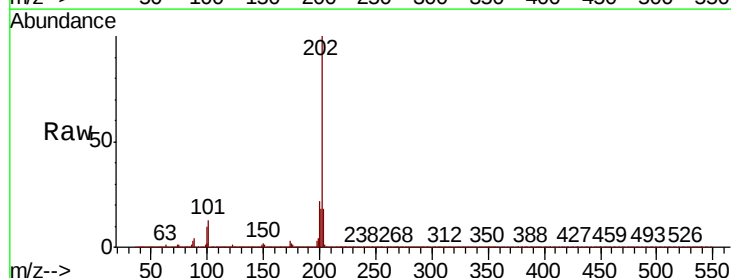
Instrument :
BNA_P
ClientSampled :

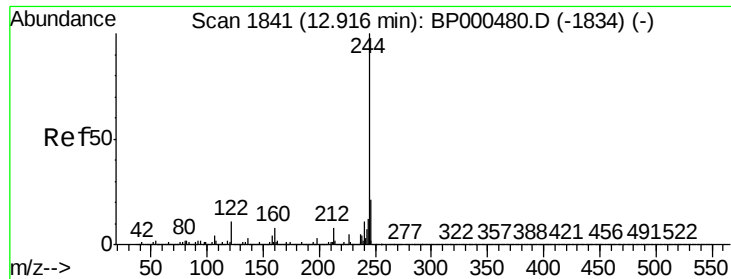
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.7	19.1
183	12.0	9.7	14.5



#78
Pyrene
Concen: 40.327 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

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





#79

Terphenyl-d14

Concen: 79.716 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

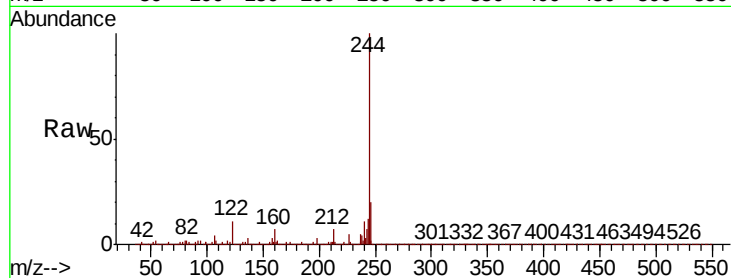
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2901235

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	8.9	13.3

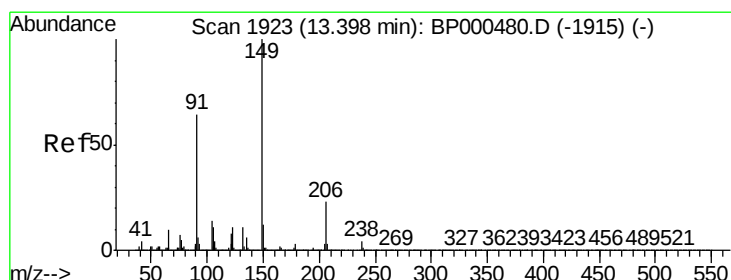
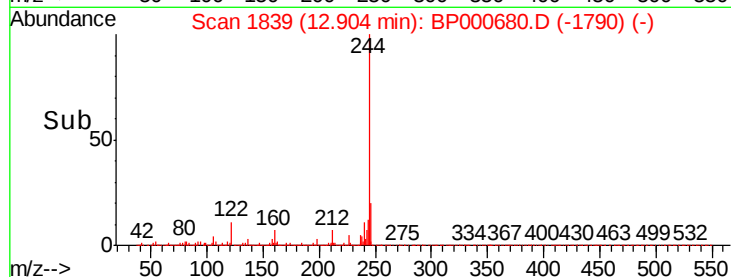
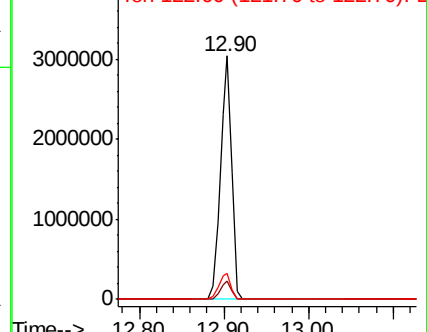


Abundance

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: 39.001 ng

RT: 13.39 min Scan# 1921

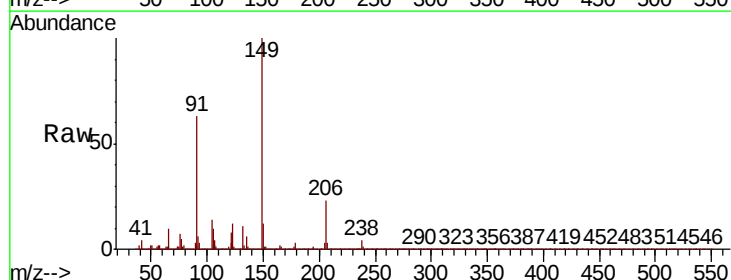
Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:149 Resp: 863742

Ion	Ratio	Lower	Upper
149	100		
91	63.5	51.0	76.4
206	22.6	18.2	27.4

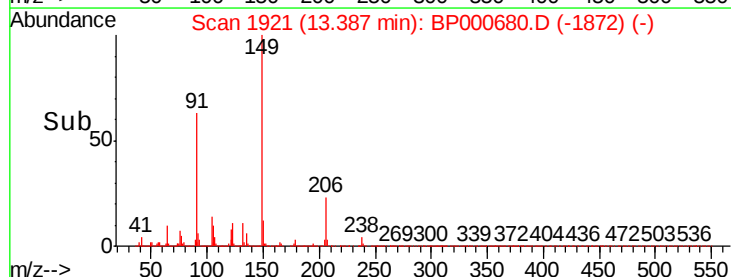
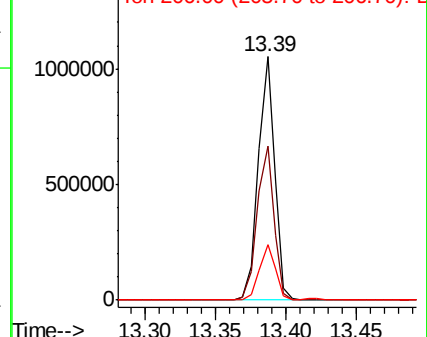


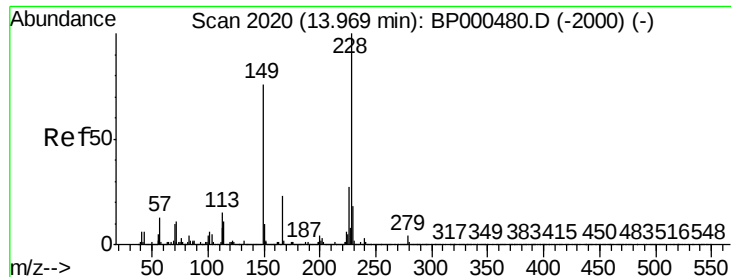
Abundance

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: 38.507 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

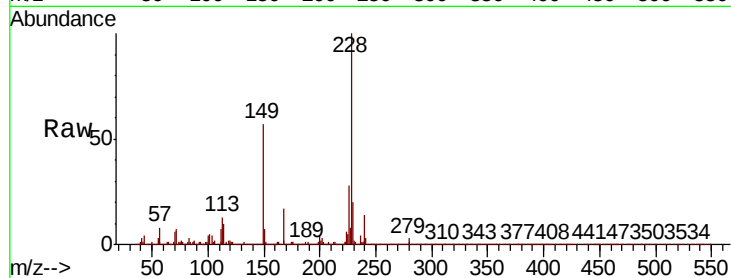
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1731286

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.2
229	19.8	14.7	22.1

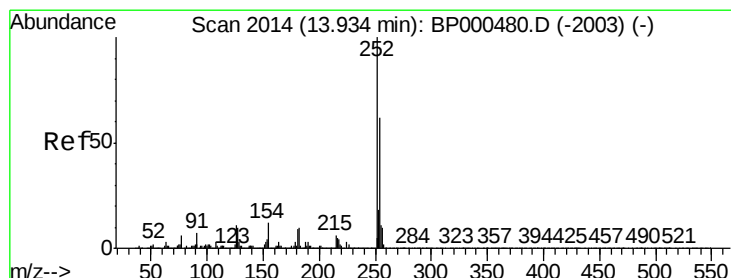
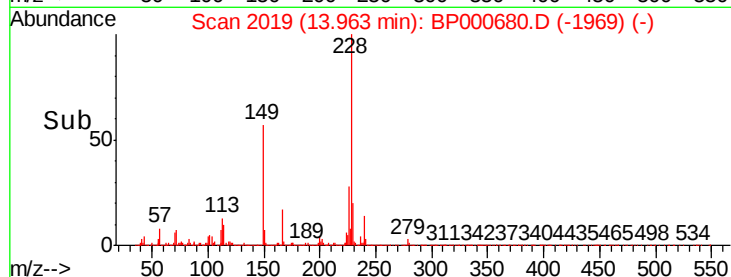
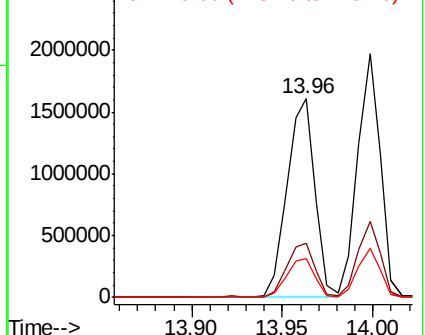


Abundance

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: 21.773 ng

RT: 13.92 min Scan# 2012

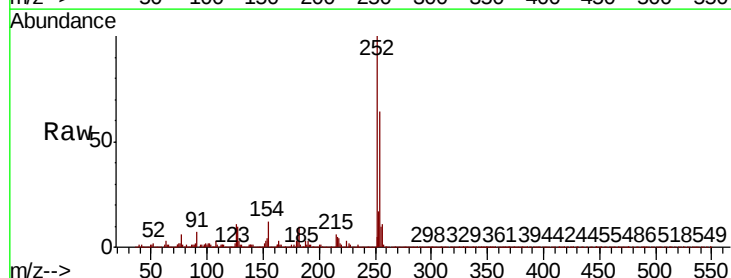
Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:252 Resp: 388835

Ion	Ratio	Lower	Upper
252	100		
254	63.8	49.8	74.8
126	10.9	8.9	13.3

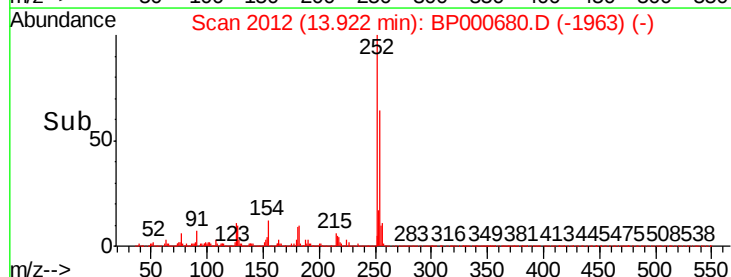
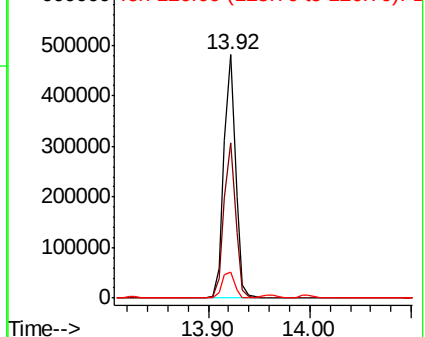


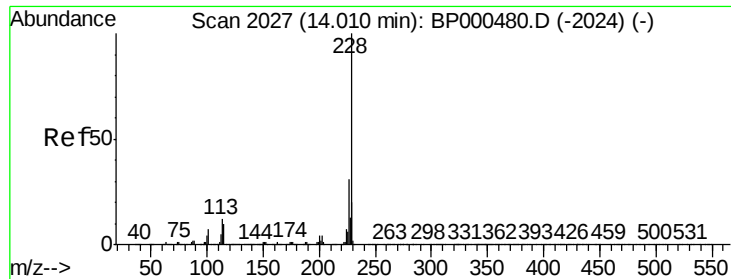
Abundance

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: 39.165 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

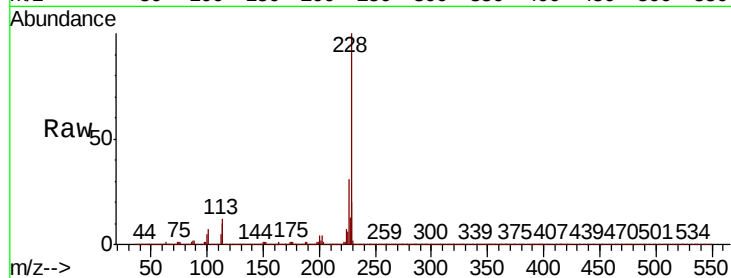
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1728310

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

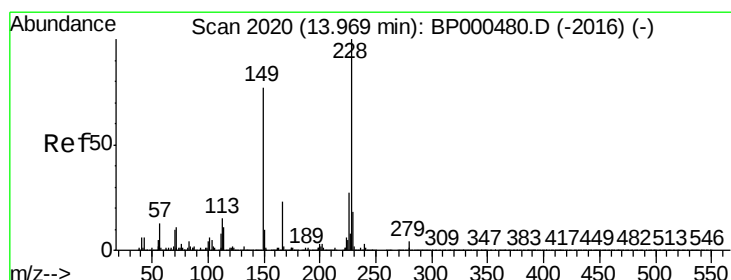
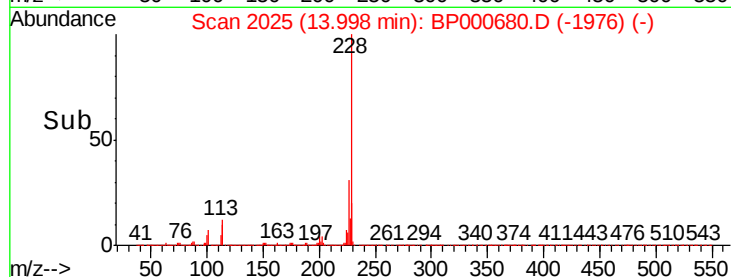
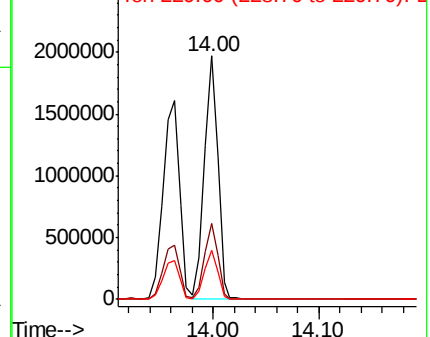


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.119 ng

RT: 13.96 min Scan# 2018

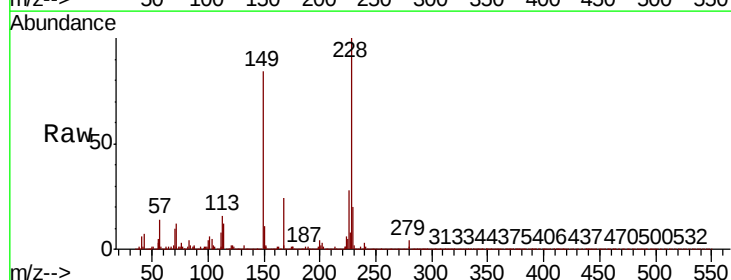
Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:149 Resp: 1089581

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.6	35.4
279	4.7	3.9	5.9

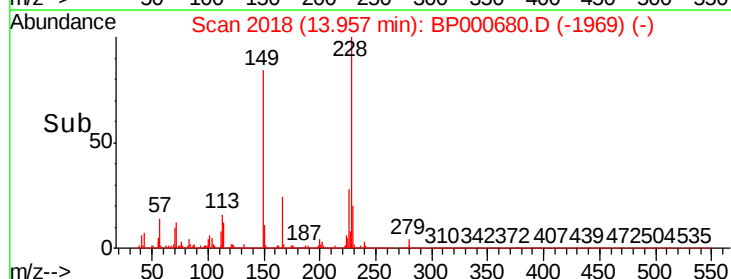
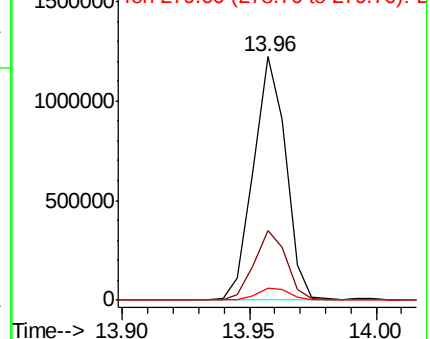


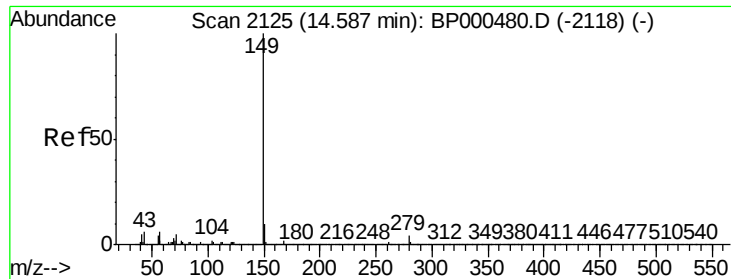
Abundance

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

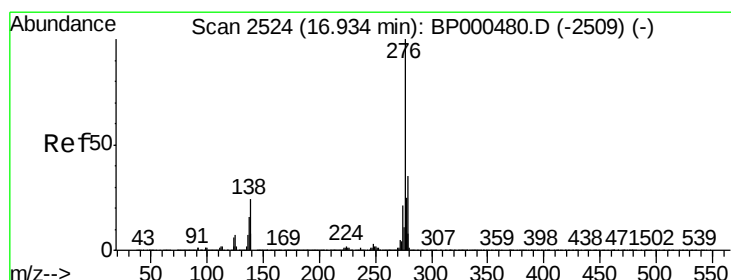
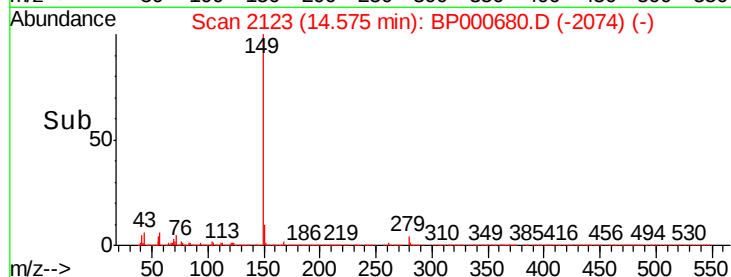
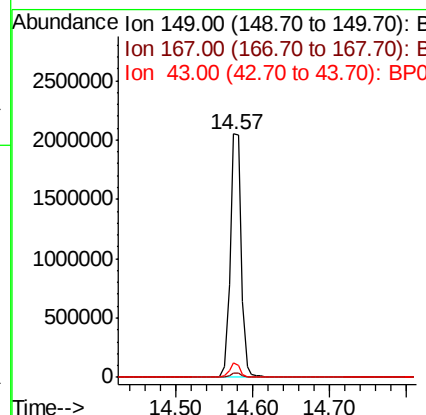
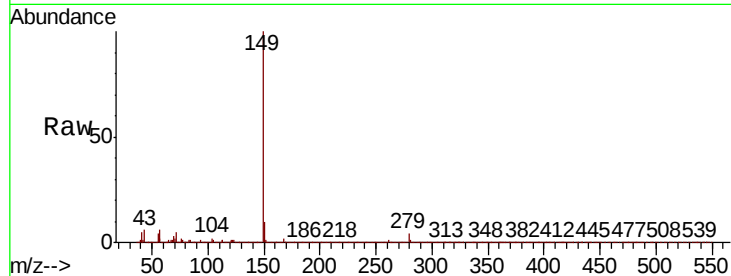




#85
Di-n-octyl phthalate
Concen: 40.550 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

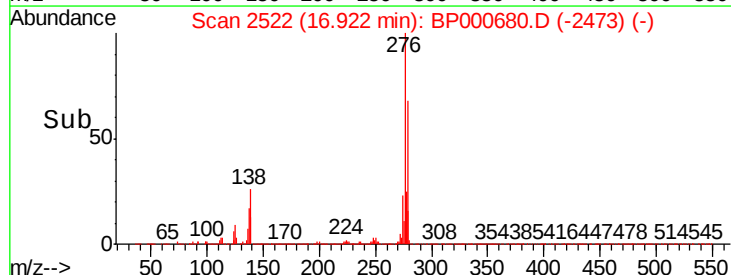
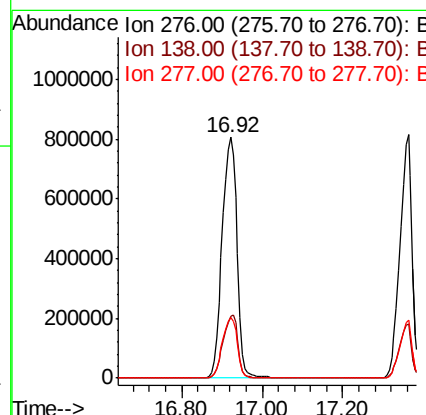
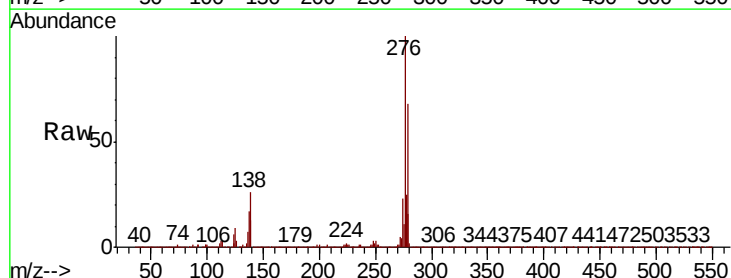
Instrument :
BNA_P
ClientSampled :

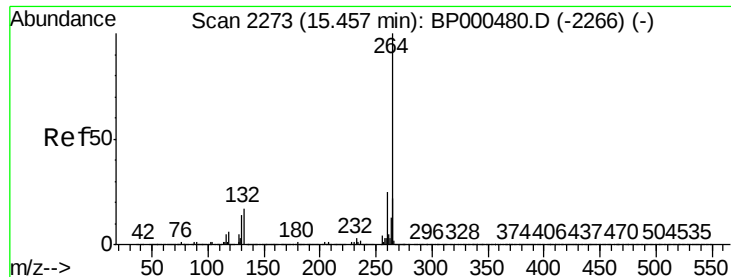
Tot Ion:149 Resp: 2047161
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.6 4.6 7.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.577 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000680.D
Acq: 12 Oct 2019 20:22

Tgt Ion:276 Resp: 2071349
Ion Ratio Lower Upper
276 100
138 26.3 20.9 31.3
277 25.4 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

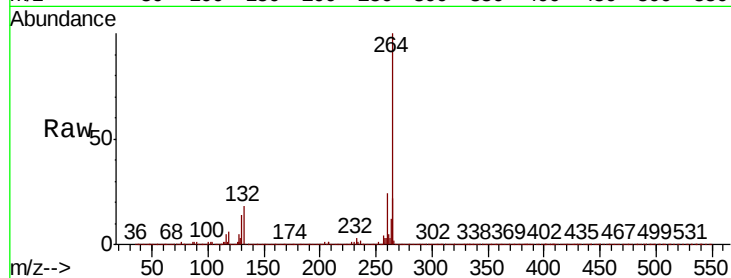
Tot Ion:264 Resp: 834220

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

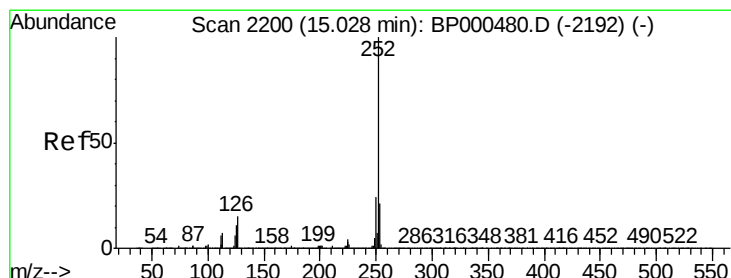
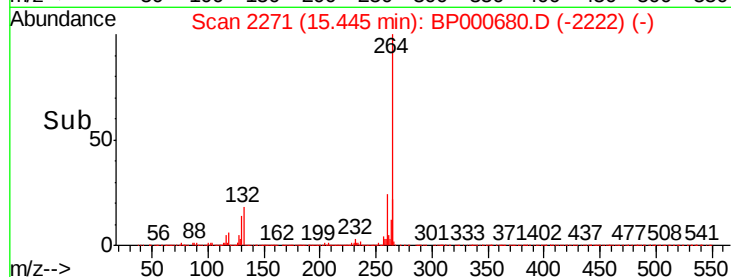
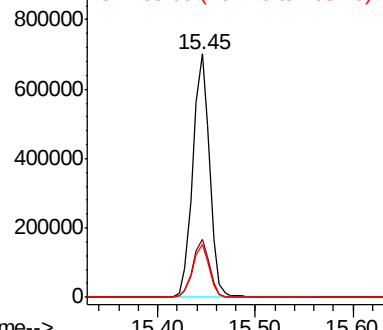
265 21.6 18.0 27.0



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: 39.279 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

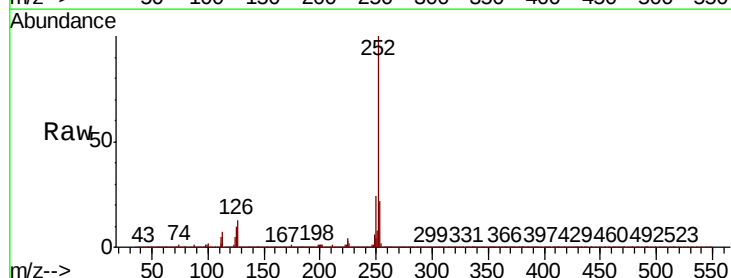
Tgt Ion:252 Resp: 1858981

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

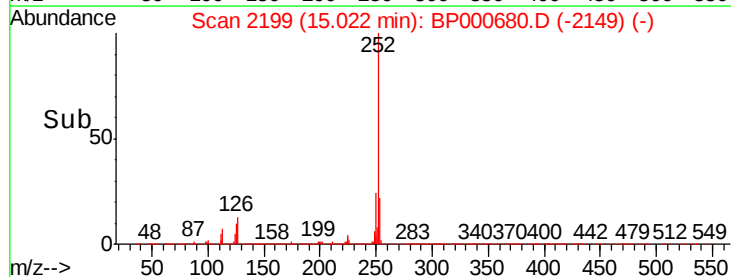
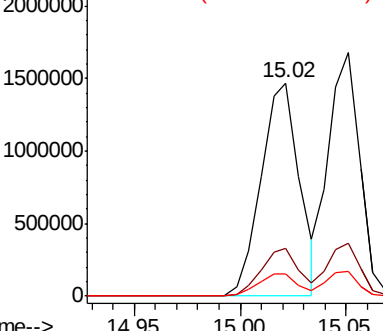
125 10.1 8.9 13.3

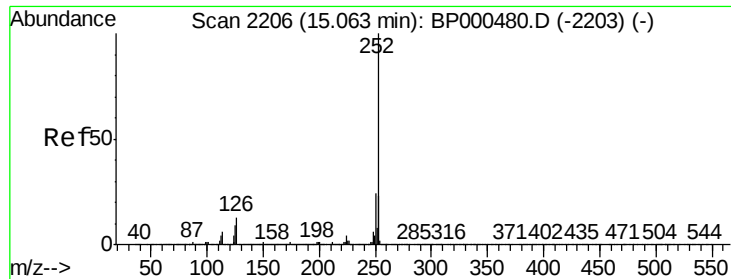


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.159 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

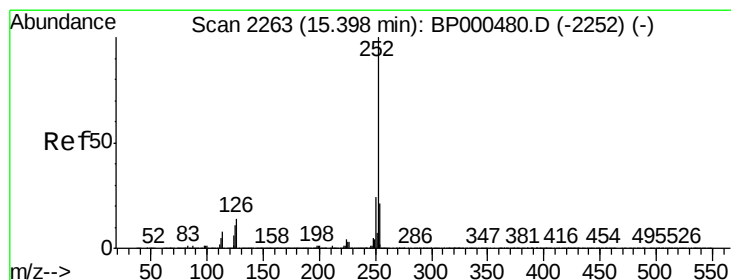
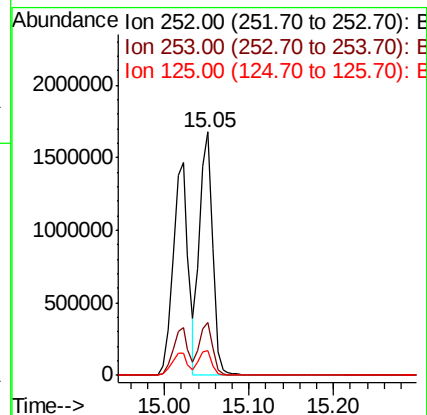
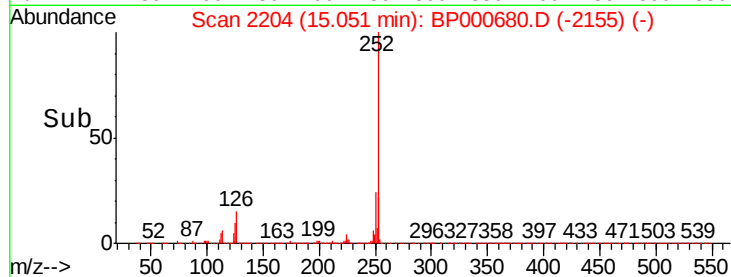
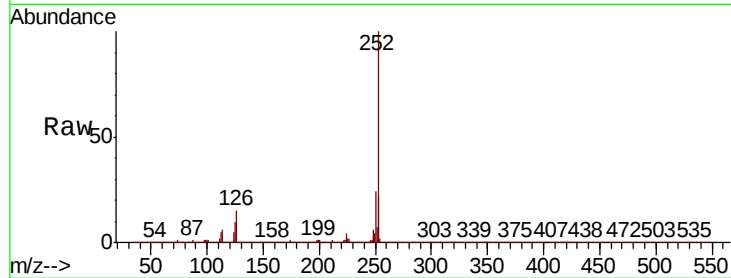
Tot Ion:252 Resp: 1764401

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 9.9 7.8 11.8



#90

Benzo(a)pyrene

Concen: 40.410 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

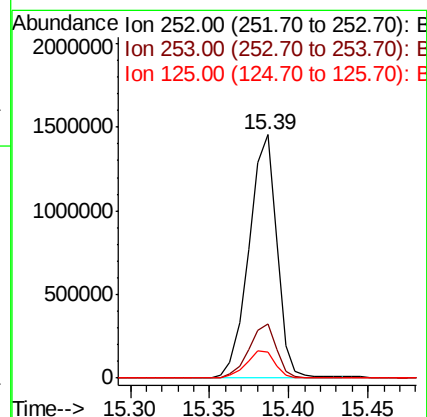
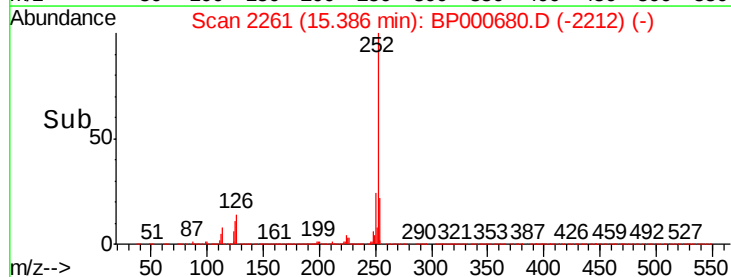
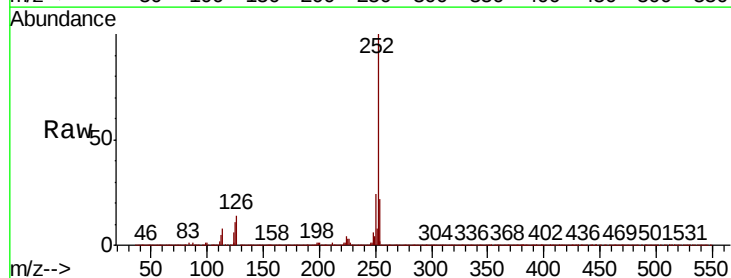
Tgt Ion:252 Resp: 1782825

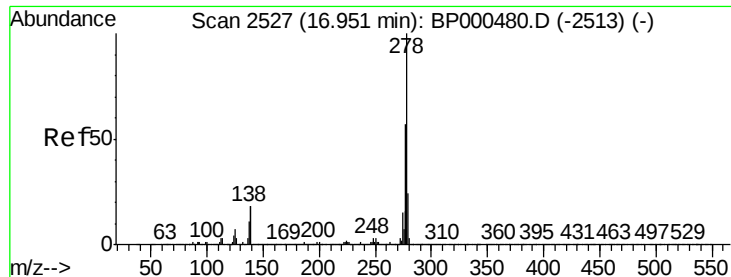
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 39.433 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

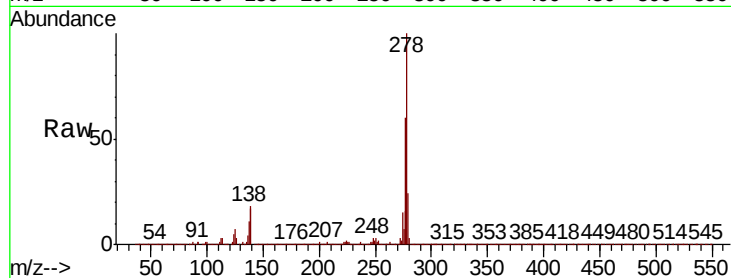
Instrument :

BNA_P

ClientSampled :

Tot Ion:278 Resp: 1687307

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.8	19.5	29.3

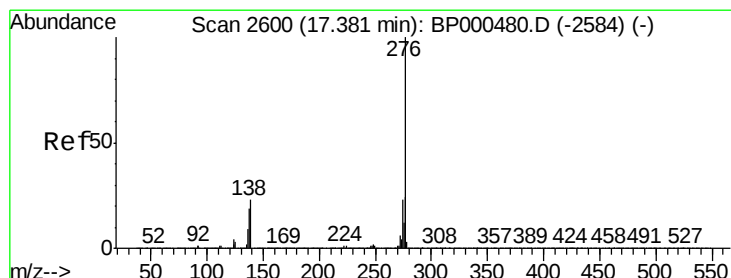
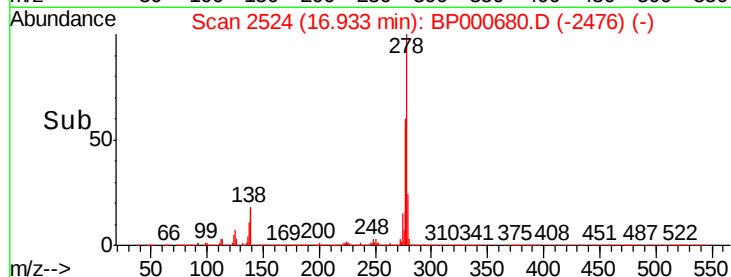
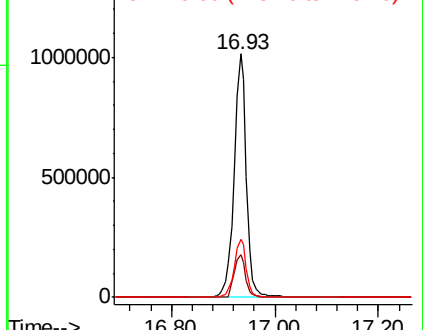


Abundance

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: 39.874 ng

RT: 17.36 min Scan# 2597

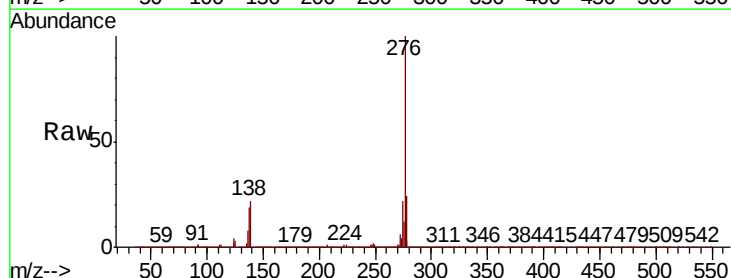
Delta R.T. -0.02 min

Lab File: BP000680.D

Acq: 12 Oct 2019 20:22

Tgt Ion:276 Resp: 1733718

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	22.4	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

