

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000520.D
 Acq On : 04 Oct 2019 20:25
 Operator : JU
 Sample : K5205-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:42:20 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	6.77	152	224675	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	835017	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	466353	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	843003	20.00	ng	0.00
76) Chrysene-d12	13.99	240	614640	20.00	ng	0.00
87) Perylene-d12	15.46	264	740078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1220225	87.30	ng	0.00
7) Phenol-d6	6.41	99	1552062	92.15	ng	0.00
23) Nitrobenzene-d5	7.33	82	849648	62.15	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	494038	99.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1835640	63.69	ng	0.00
79) Terphenyl-d14	12.92	244	2012900	66.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	165938	29.730	ng	99
3) Pyridine	3.24	79	496592	32.564	ng	100
4) n-Nitrosodimethylamine	3.18	42	172005	40.082	ng	99
6) Aniline	6.43	93	569036	27.809	ng	# 27
8) 2-Chlorophenol	6.56	128	595850	43.195	ng	98
9) Benzaldehyde	6.32	77	333696	38.035	ng	94
10) Phenol	6.43	94	773847	44.873	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	539750	40.682	ng	97
12) 1,3-Dichlorobenzene	6.71	146	658803	39.398	ng	98
13) 1,4-Dichlorobenzene	6.79	146	666835	39.631	ng	97
14) 1,2-Dichlorobenzene	6.94	146	622537	40.073	ng	99
15) Benzyl Alcohol	6.91	79	470371	43.243	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	470061	38.409	ng	97
17) 2-Methylphenol	7.03	107	484676	42.515	ng	98
18) Hexachloroethane	7.28	117	232145	38.765	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	321808	41.451	ng	99
20) 3+4-Methylphenols	7.18	107	599811	44.964	ng	# 78
22) Acetophenone	7.18	105	794652	41.186	ng	97
24) Nitrobenzene	7.35	77	553959	42.011	ng	98
25) Isophorone	7.59	82	1037719	42.766	ng	98
26) 2-Nitrophenol	7.66	139	313343	45.187	ng	97
27) 2,4-Dimethylphenol	7.71	122	529687	49.832	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	677125	41.063	ng	99
29) 2,4-Dichlorophenol	7.91	162	544532	45.307	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	590506	41.835	ng	99
31) Naphthalene	8.08	128	1683184	43.161	ng	99
32) Benzoic acid	7.83	122	339676	50.609	ng	96
33) 4-Chloroaniline	8.12	127	246074	14.371	ng	99
34) Hexachlorobutadiene	8.19	225	351127	41.162	ng	98
35) Caprolactam	8.48	113	114064	28.335	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	543705	46.189	ng	100
37) 2-Methylnaphthalene	8.77	142	1162173	44.392	ng	99
38) 1-Methylnaphthalene	8.87	142	1085882	43.897	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	611260	41.411	ng	99

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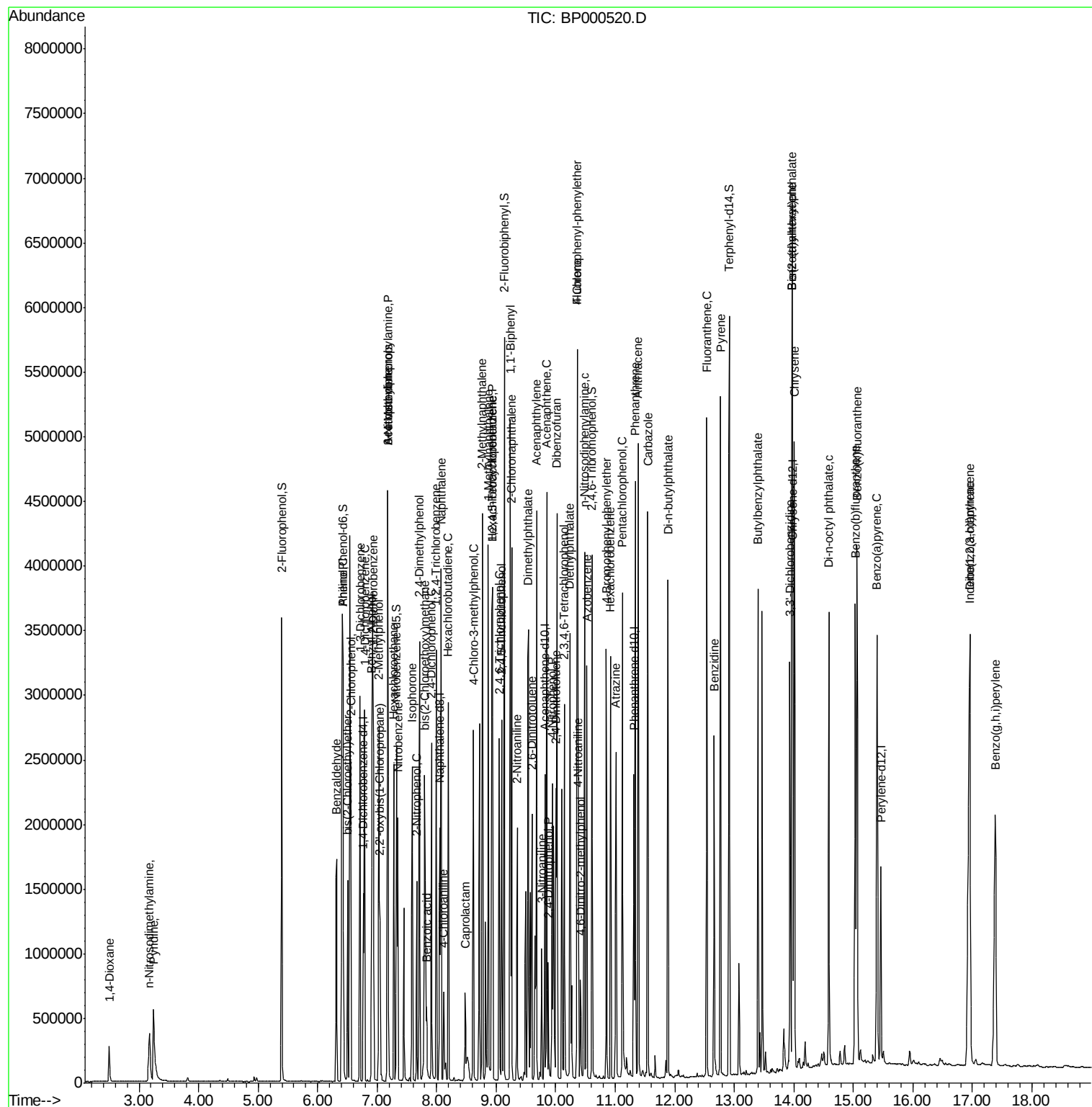
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	386828	66.796	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	396797	43.669	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	437635	46.649	ng	98
46) 1,1'-Biphenyl	9.23	154	1461446	41.517	ng	98
47) 2-Chloronaphthalene	9.26	162	1146514	42.120	ng	99
48) 2-Nitroaniline	9.35	65	267466	40.587	ng	94
49) Acenaphthylene	9.67	152	1802175	43.884	ng	99
50) Dimethylphthalate	9.54	163	1637075	50.520	ng	100
51) 2,6-Dinitrotoluene	9.60	165	309762	43.836	ng	97
52) Acenaphthene	9.85	154	1047013	42.030	ng	98
53) 3-Nitroaniline	9.76	138	163371	20.177	ng	96
54) 2,4-Dinitrophenol	9.87	184	126933	53.831	ng	98
55) Dibenzofuran	10.02	168	1631222	43.805	ng	99
56) 4-Nitrophenol	9.95	139	465905	90.127	ng	95
57) 2,4-Dinitrotoluene	10.00	165	411343	43.902	ng	99
58) Fluorene	10.37	166	1206817	45.471	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	359579	45.341	ng	99
60) Diethylphthalate	10.24	149	1313906	42.714	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	635963	44.561	ng	94
62) 4-Nitroaniline	10.38	138	282067	36.221	ng	98
63) Azobenzene	10.52	77	1067310	45.193	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	111245	29.769	ng	97
66) n-Nitrosodiphenylamine	10.48	169	1119450	45.594	ng	98
67) 4-Bromophenyl-phenylether	10.85	248	419770	44.236	ng	# 93
68) Hexachlorobenzene	10.92	284	454184	42.118	ng	95
69) Atrazine	11.01	200	353018	43.813	ng	99
70) Pentachlorophenol	11.12	266	464126	107.159	ng	97
71) Phenanthrene	11.34	178	1873575	44.253	ng	100
72) Anthracene	11.39	178	1919853	45.734	ng	100
73) Carbazole	11.55	167	1724940	44.327	ng	98
74) Di-n-butylphthalate	11.89	149	2085779	44.000	ng	100
75) Fluoranthene	12.54	202	2069787	43.529	ng	99
77) Benzidine	12.66	184	1128219	63.389	ng	98
78) Pyrene	12.77	202	2087052	49.233	ng	99
80) Butylbenzylphthalate	13.40	149	848937	45.957	ng	99
81) Benzo(a)anthracene	13.97	228	1681507	44.838	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	630400	42.320	ng	98
83) Chrysene	14.01	228	1661564	45.142	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1053684	45.354	ng	98
85) Di-n-octyl phthalate	14.59	149	1925020	45.714	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2114434	45.988	ng	97
88) Benzo(b)fluoranthene	15.03	252	1832517	43.645	ng	97
89) Benzo(k)fluoranthene	15.06	252	1743918	43.627	ng	98
90) Benzo(a)pyrene	15.40	252	1783856	45.577	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1709566	45.036	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1757966	45.575	ng	96

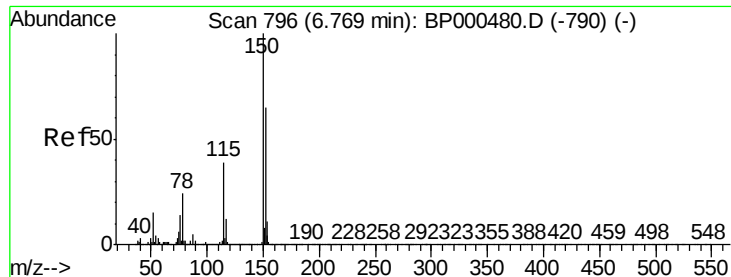
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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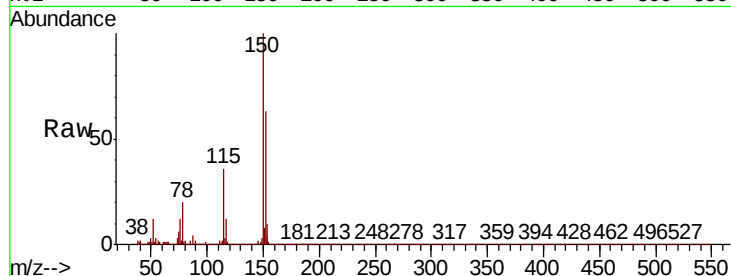


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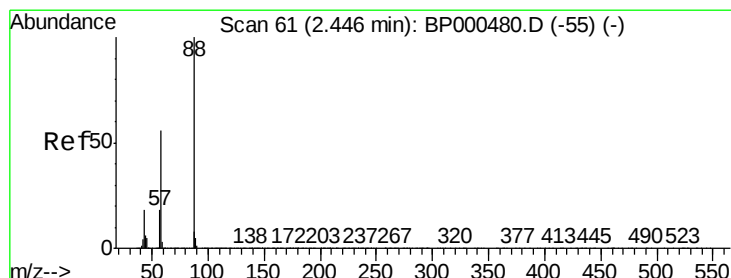
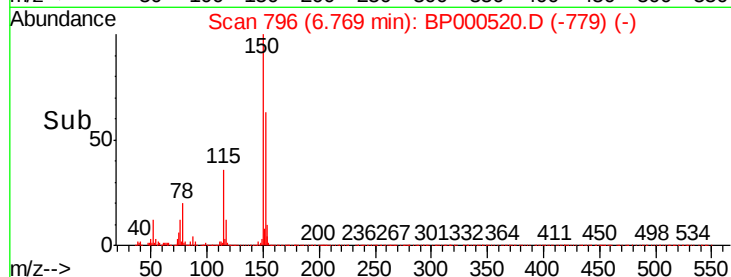
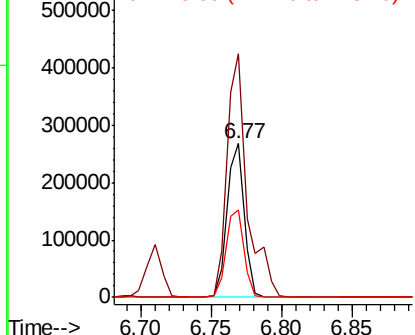
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.1	186.1
115	57.0	48.7	73.1



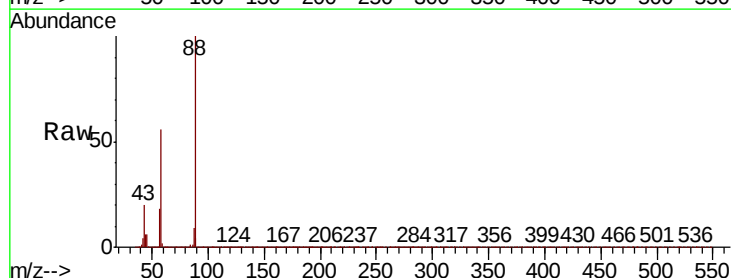
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



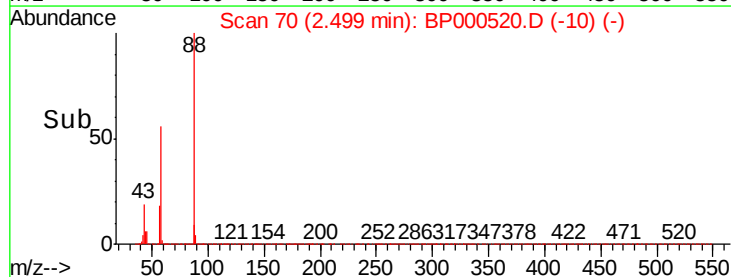
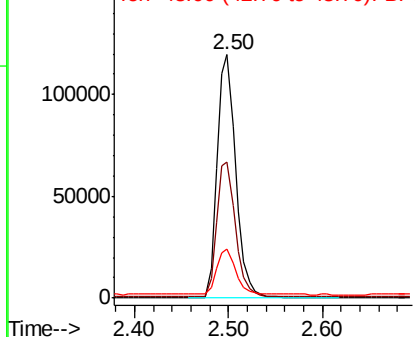
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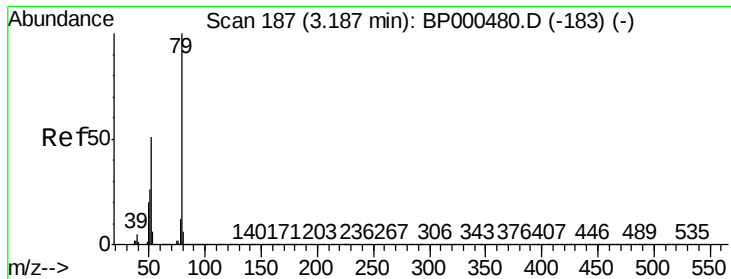
1,4-Dioxane
Concen: 29.730 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.05 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	45.3	67.9
43	18.9	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: 32.564 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.05 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampled :

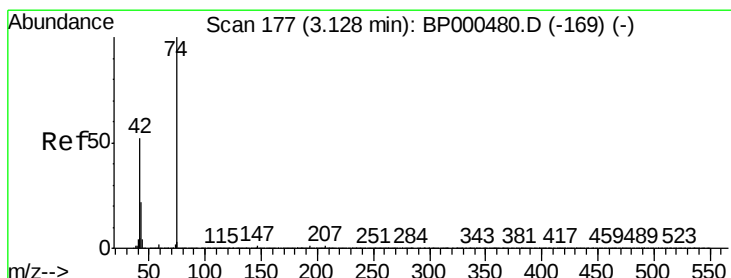
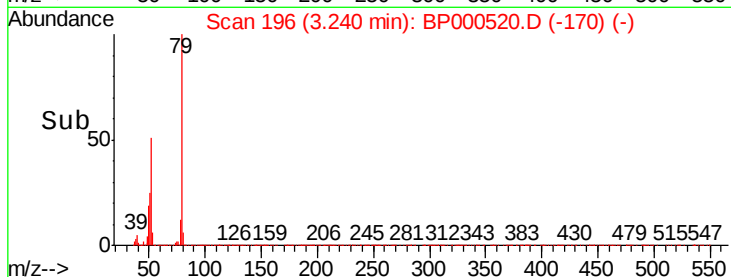
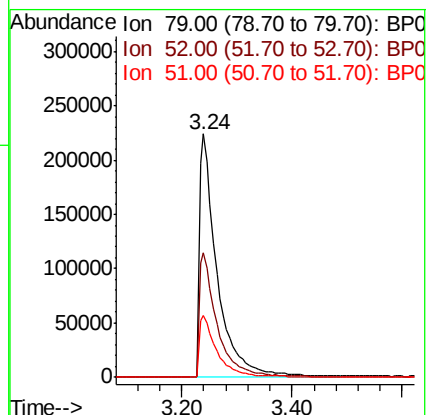
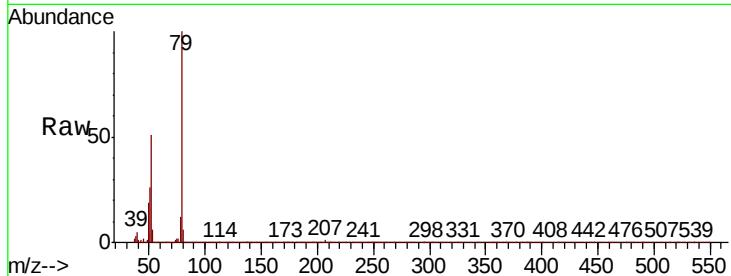
Tot Ion: 79 Resp: 496592

Ion Ratio Lower Upper

79 100

52 51.3 40.7 61.1

51 25.5 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 40.082 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.05 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

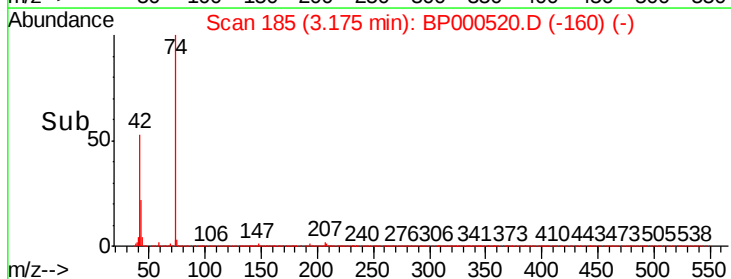
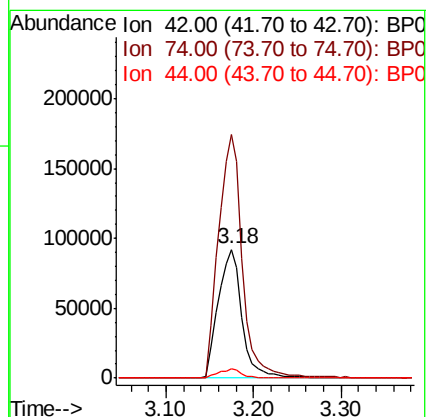
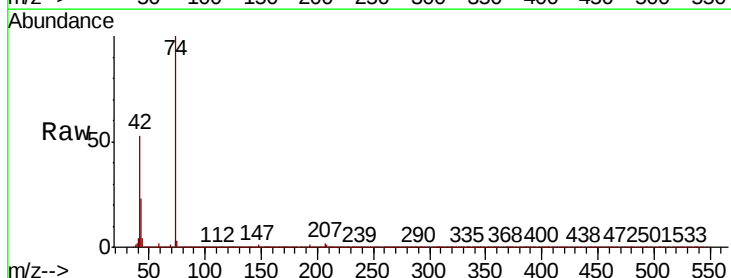
Tgt Ion: 42 Resp: 172005

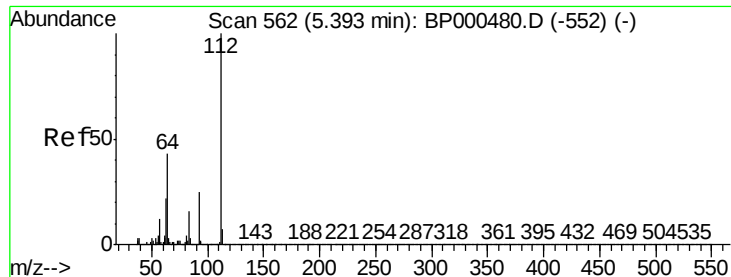
Ion Ratio Lower Upper

42 100

74 189.2 152.4 228.6

44 7.3 5.6 8.4





#5

2-Fluorophenol

Concen: 87.301 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampleId :

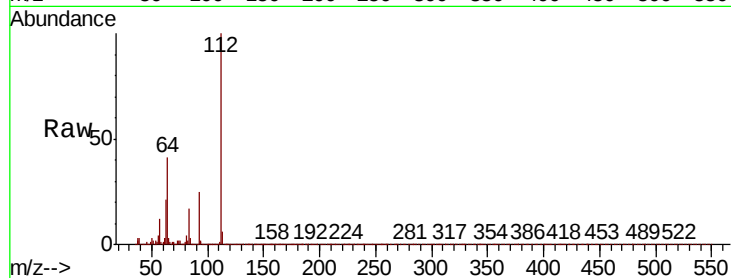
Tot Ion: 112 Resp: 1220225

Ion Ratio Lower Upper

112 100

64 41.4 34.2 51.4

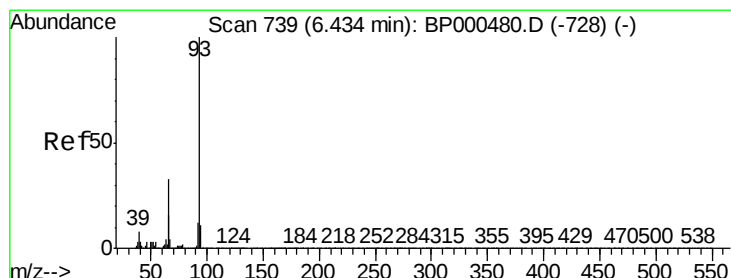
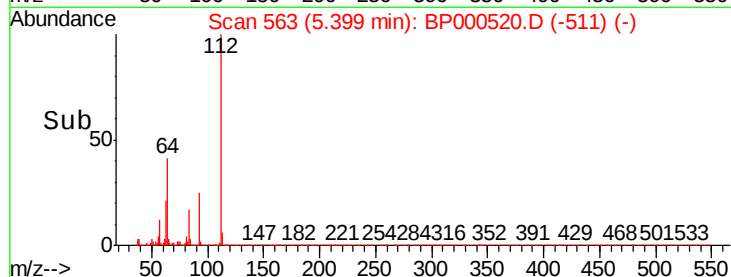
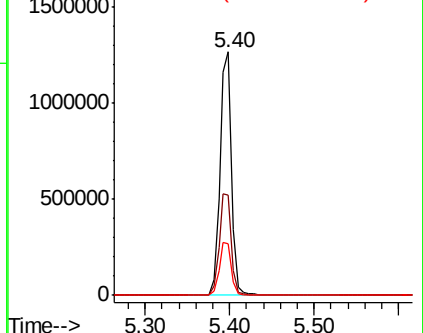
63 21.4 17.9 26.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 27.809 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

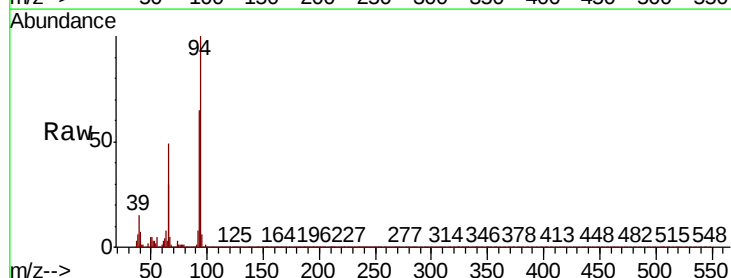
Tgt Ion: 93 Resp: 569036

Ion Ratio Lower Upper

93 100

66 74.9 26.3 39.5#

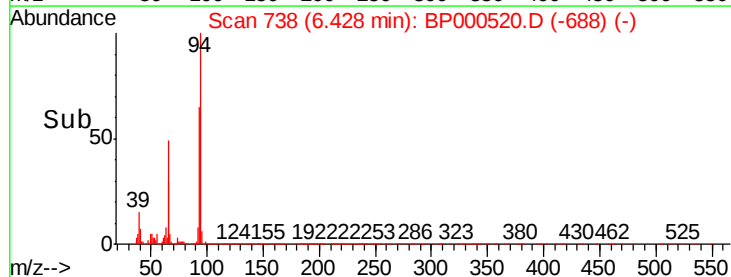
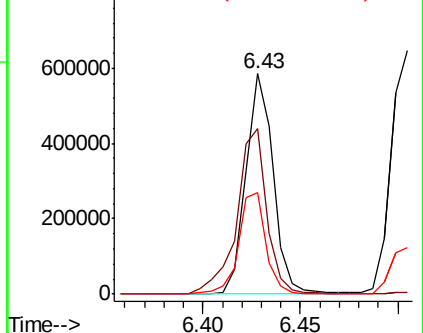
65 46.0 13.2 19.8#

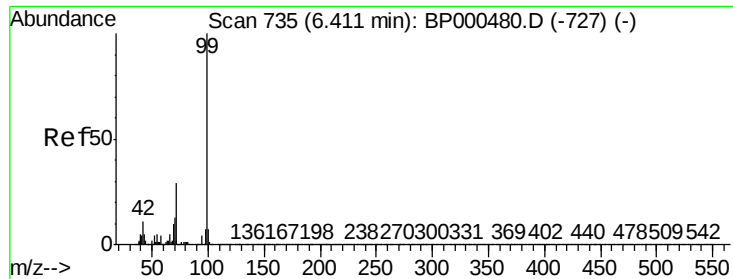


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 92.148 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

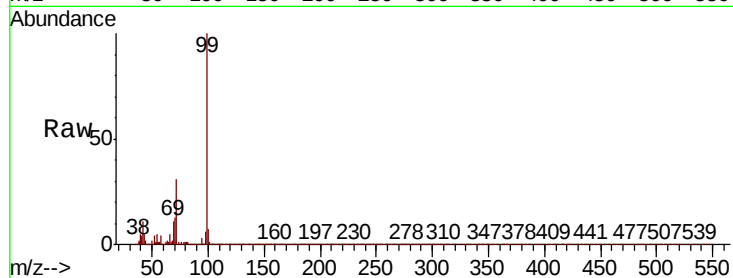
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1552062

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	12.8
71	30.8	23.0	34.4

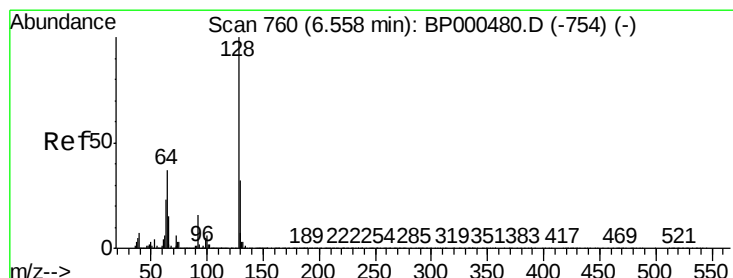
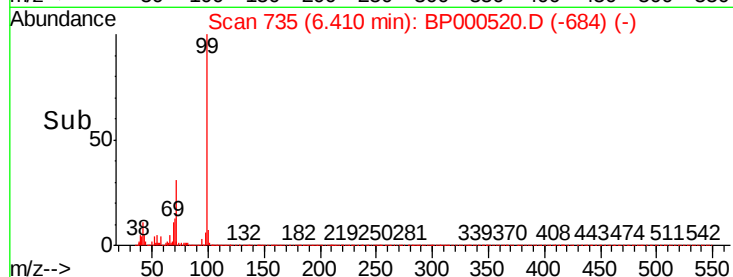
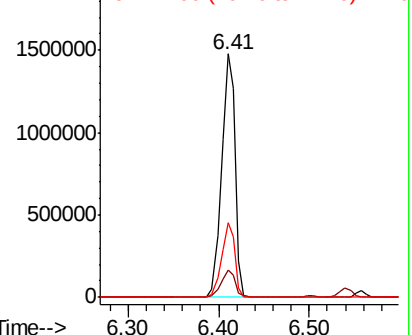


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.195 ng

RT: 6.56 min Scan# 760

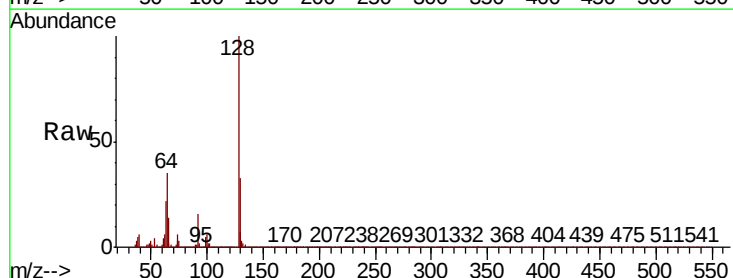
Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion: 128 Resp: 595850

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	35.1	17.2	57.2

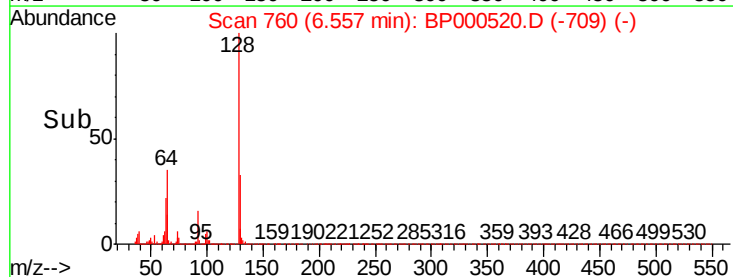
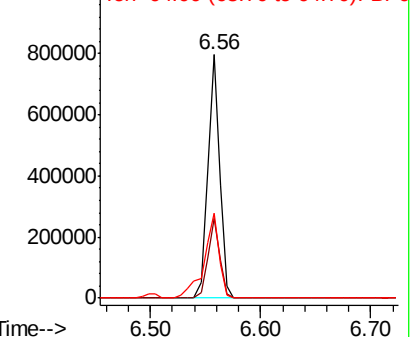


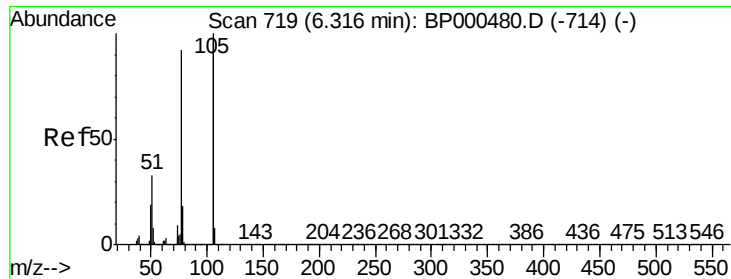
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 38.035 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

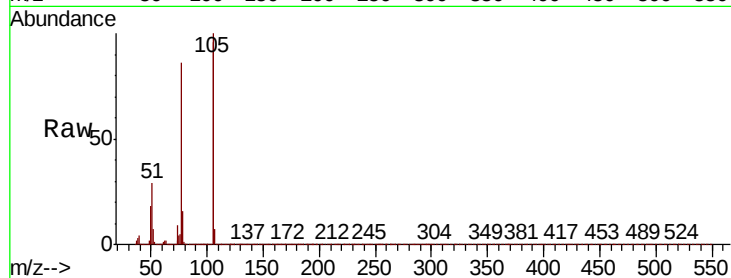
Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 333696

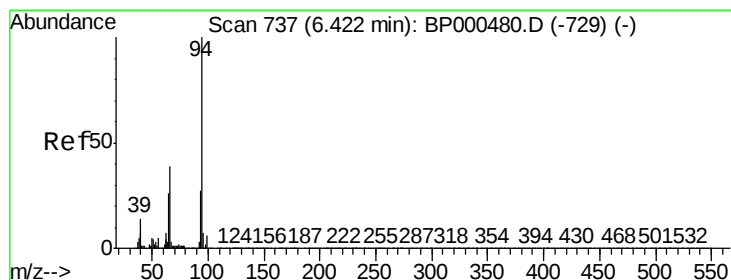
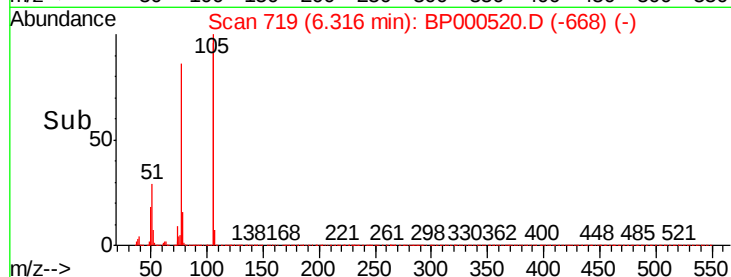
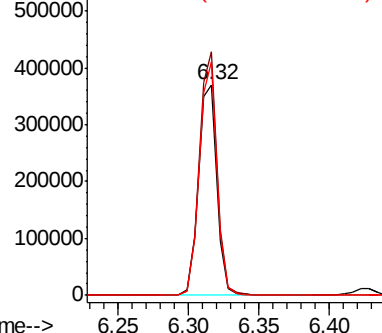
Ion	Ratio	Lower	Upper
77	100		
105	115.6	88.3	128.3
106	110.6	85.7	125.7



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: 44.873 ng

RT: 6.43 min Scan# 738

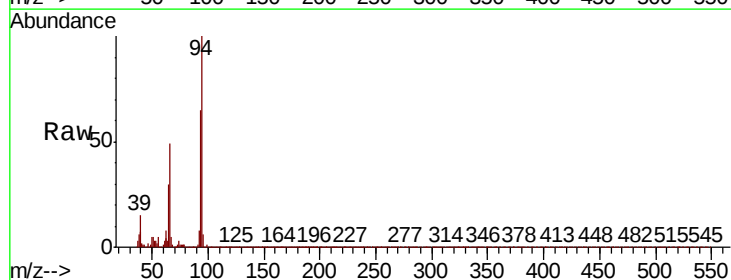
Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion: 94 Resp: 773847

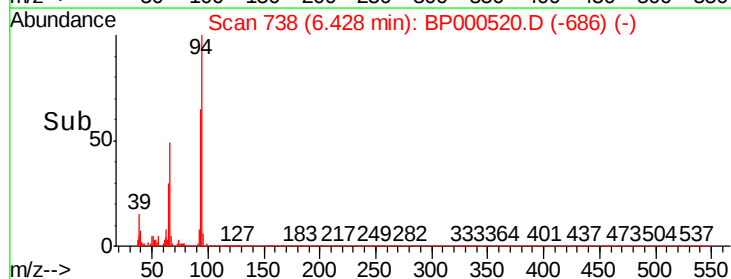
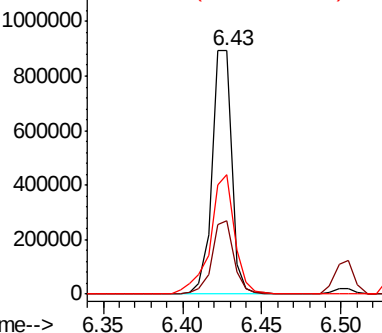
Ion	Ratio	Lower	Upper
94	100		
65	30.2	5.9	45.9
66	49.0	18.8	58.8



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

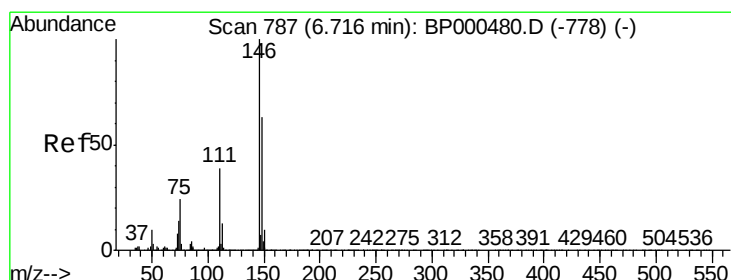
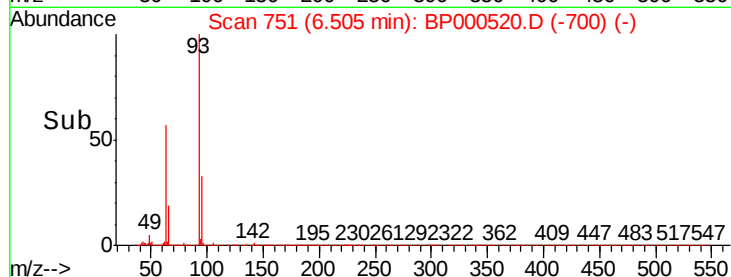
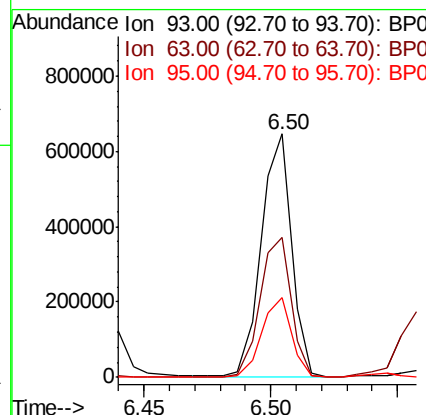
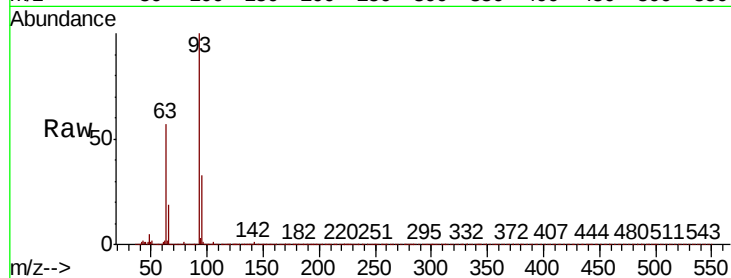




#11
bis(2-Chloroethyl)ether
Concen: 40.682 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

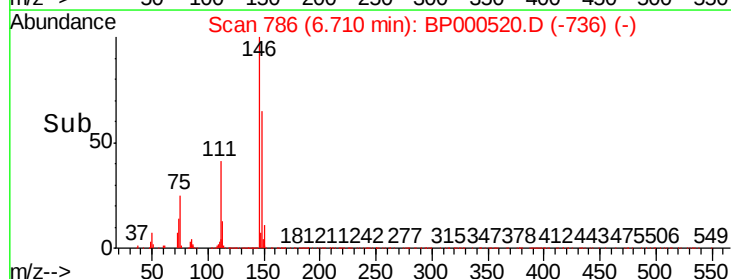
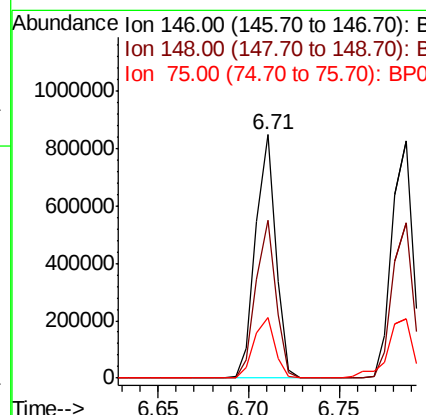
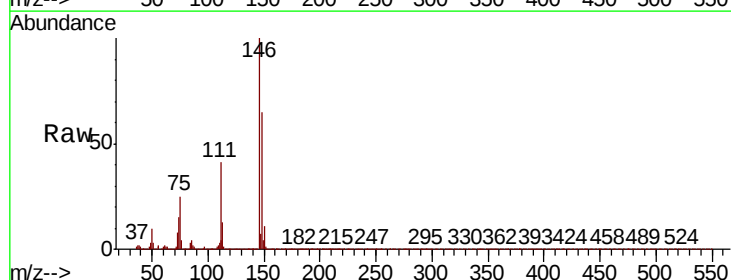
Instrument :
BNA_P
ClientSampleId :

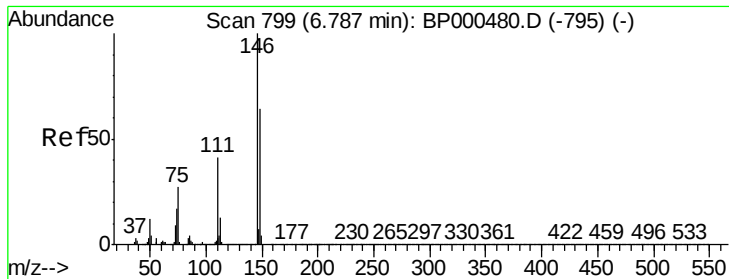
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.5	41.1	81.1
95	32.7	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 39.398 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.7	76.1
75	25.1	19.1	28.7

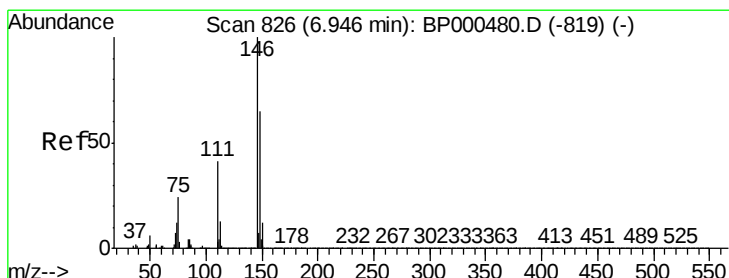
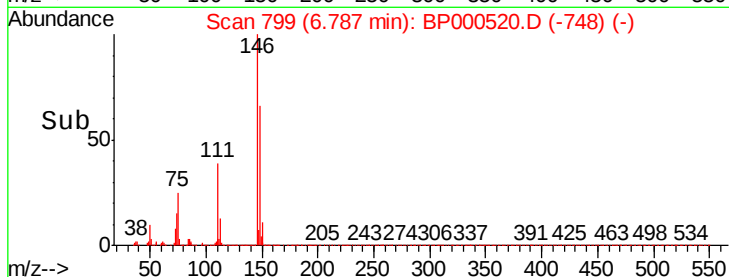
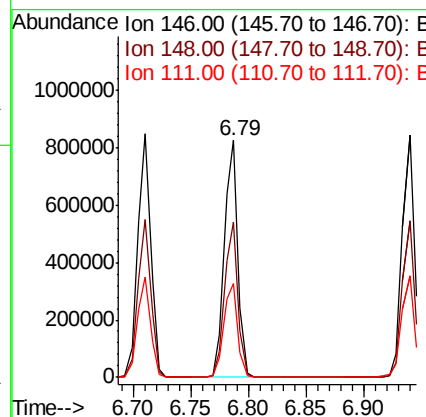
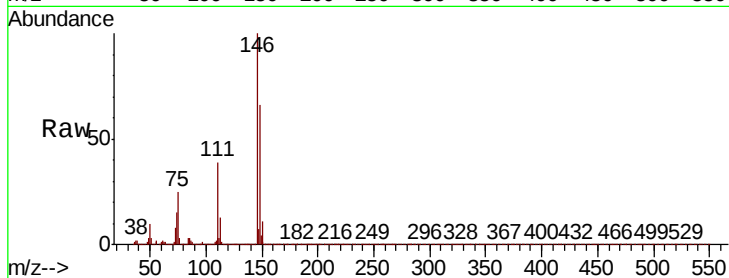




#13
 1,4-Dichlorobenzene
 Concen: 39.631 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

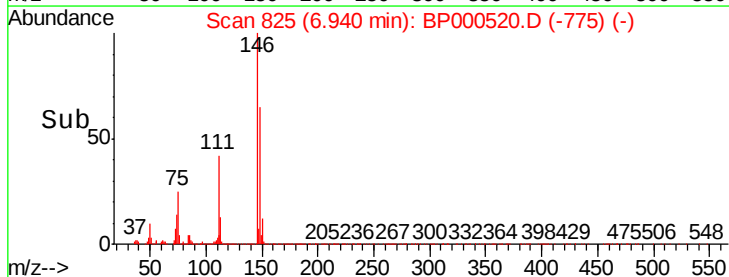
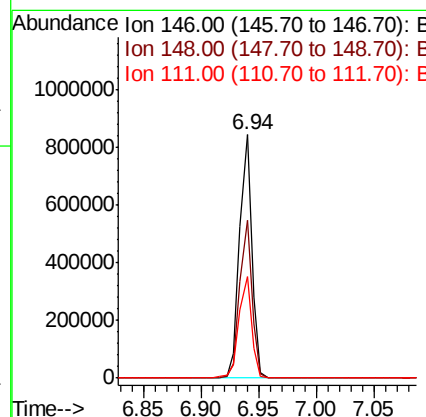
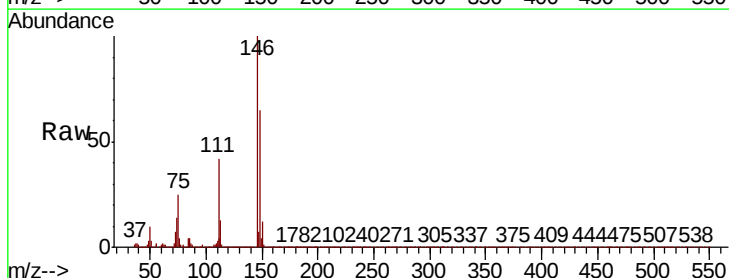
Instrument :
 BNA_P
 ClientSampleId :

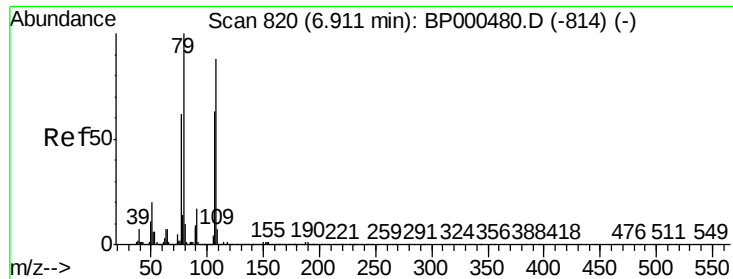
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	39.3	33.0	49.4



#14
 1,2-Dichlorobenzene
 Concen: 40.073 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	41.7	32.8	49.2





#15

Benzyl Alcohol

Concen: 43.243 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampled :

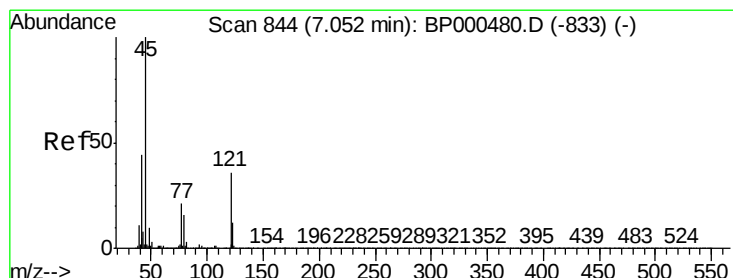
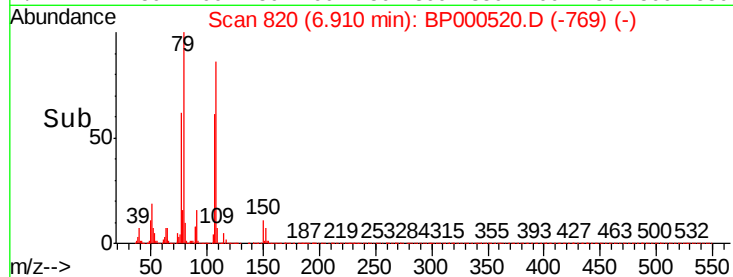
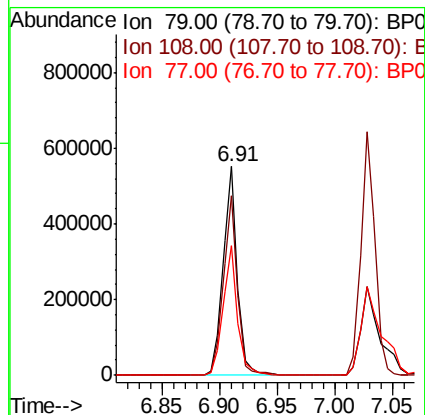
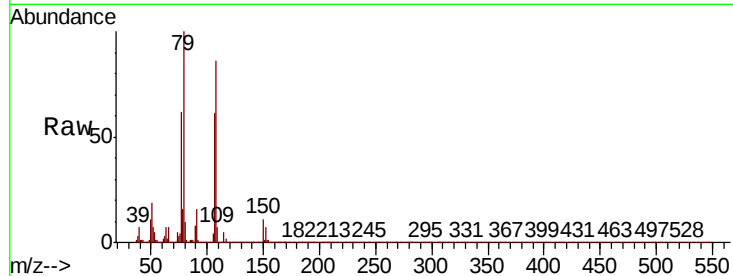
Tot Ion: 79 Resp: 470371

Ion Ratio Lower Upper

79 100

108 86.2 70.8 106.2

77 61.9 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.409 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

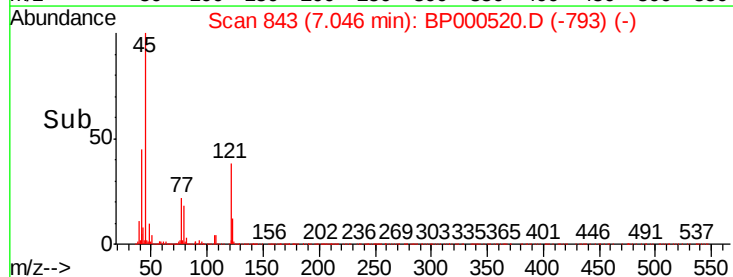
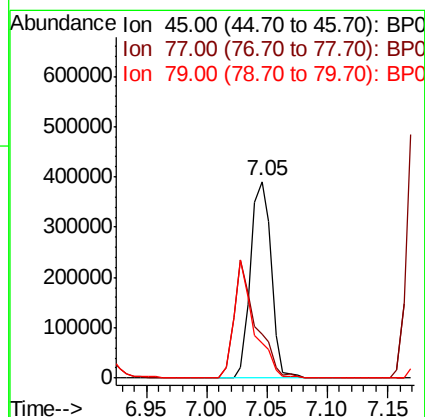
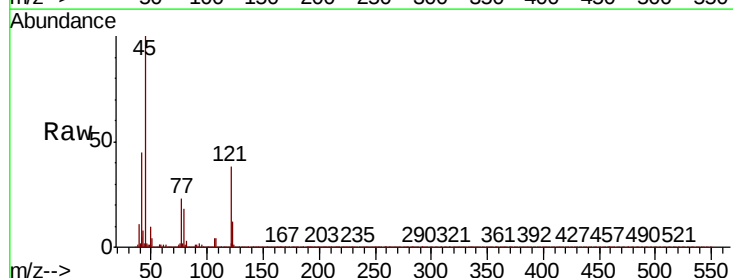
Tgt Ion: 45 Resp: 470061

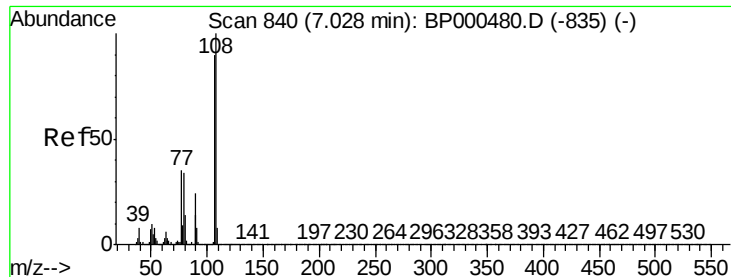
Ion Ratio Lower Upper

45 100

77 22.5 1.1 41.1

79 17.9 0.0 36.8

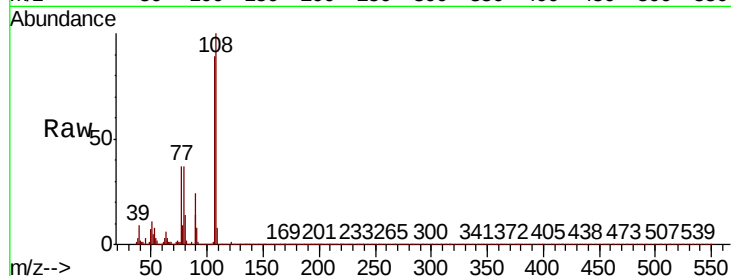




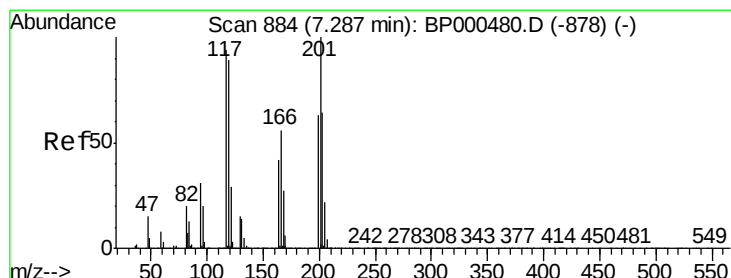
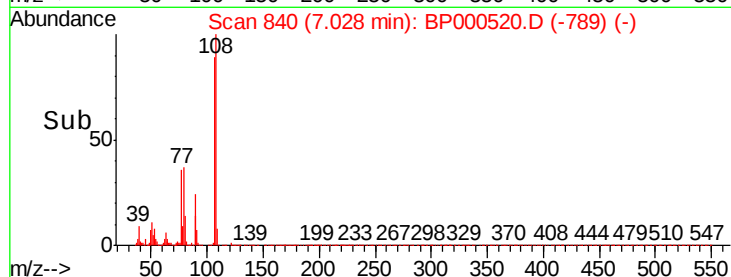
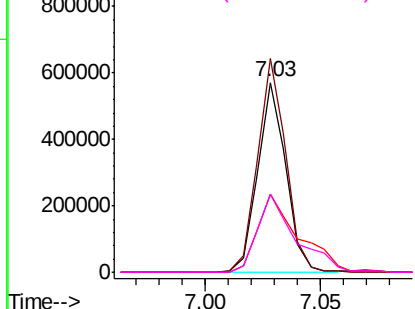
#17
2-Methylphenol
Concen: 42.515 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampled :

Tot Ion:	107	Resp:	484676
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.0	133.4
77	41.2	31.2	46.8
79	41.2	30.7	46.1

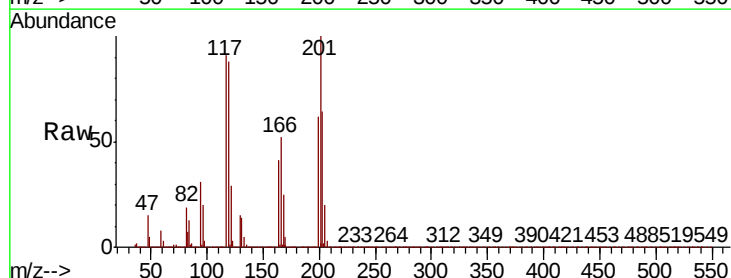


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BP0
600000 Ion 79.00 (78.70 to 79.70): BP0
400000
200000
0

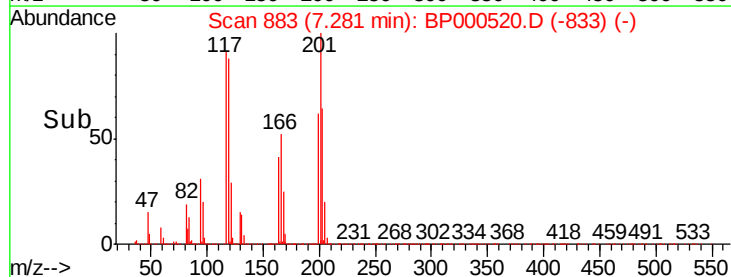
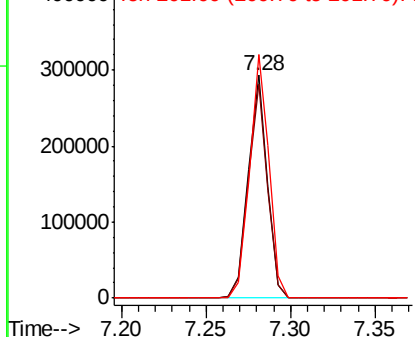


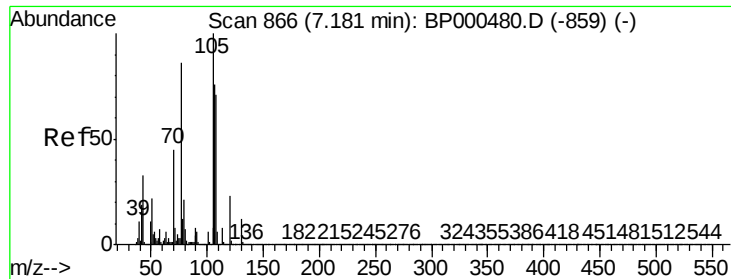
#18
Hexachloroethane
Concen: 38.765 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:	117	Resp:	232145
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
201	109.3	85.4	128.0



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

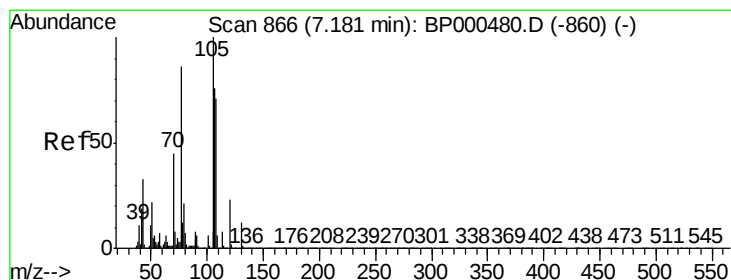
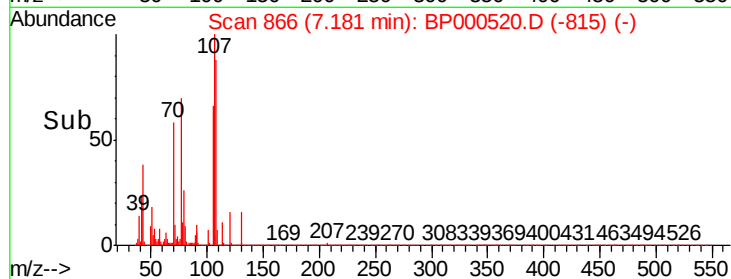
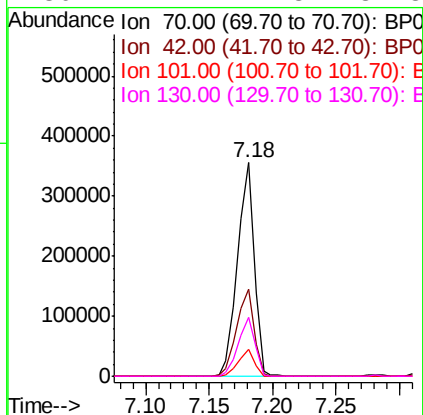
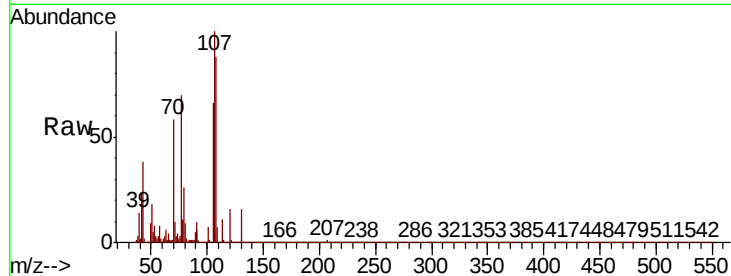




#19
n-Nitroso-di-n-propylamine
Concen: 41.451 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

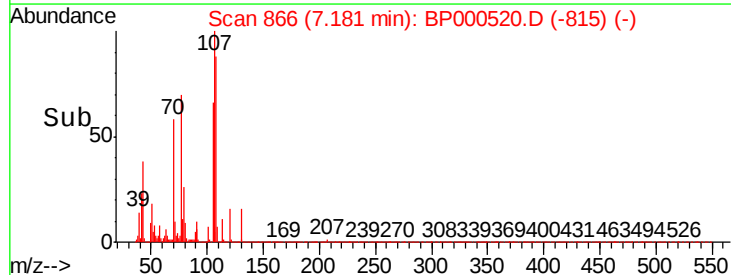
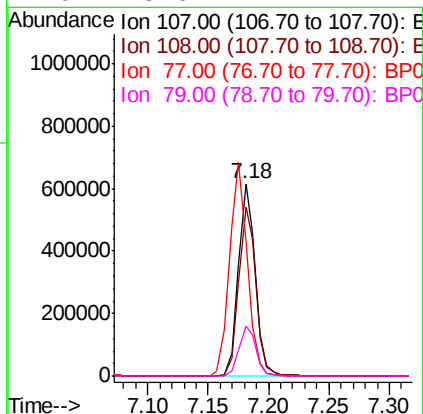
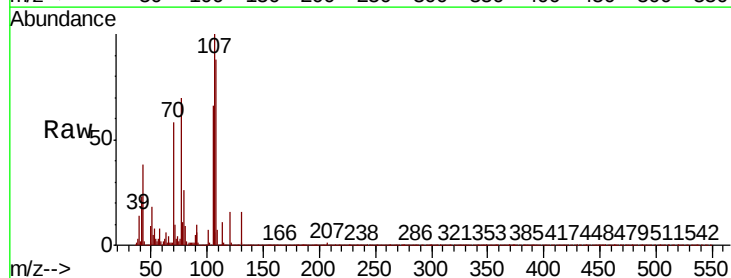
Instrument :
BNA_P
ClientSampleId :

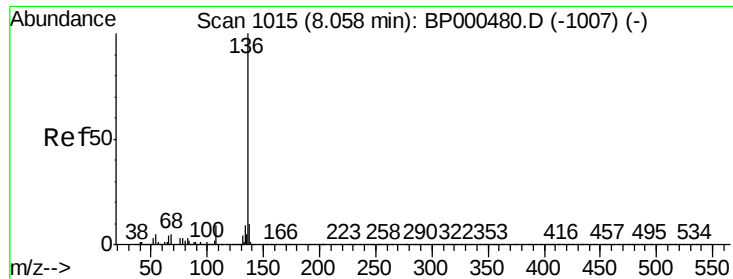
Tot Ion:	70	Resp:	321808
Ion	Ratio	Lower	Upper
70	100		
42	40.6	33.2	49.8
101	12.6	9.9	14.9
130	27.7	21.8	32.8



#20
3+4-Methylphenols
Concen: 44.964 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:	107	Resp:	599811
Ion	Ratio	Lower	Upper
107	100		
108	88.0	72.6	112.6
77	69.6	93.3	133.3#
79	25.6	7.1	47.1

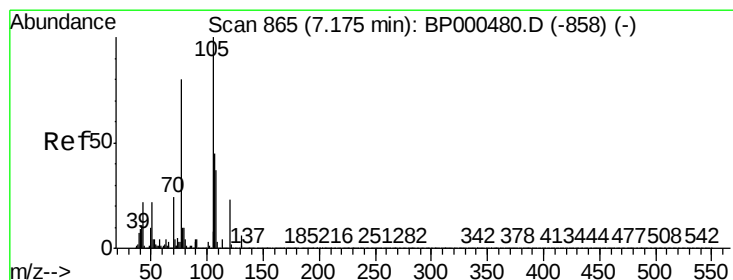
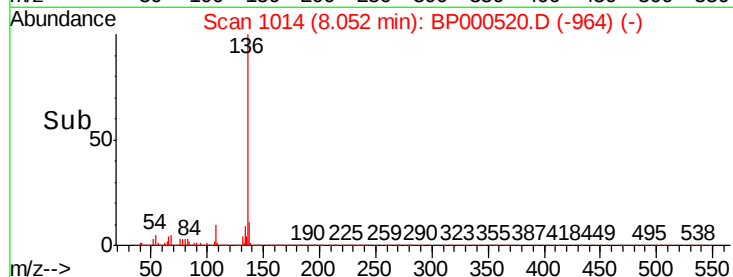
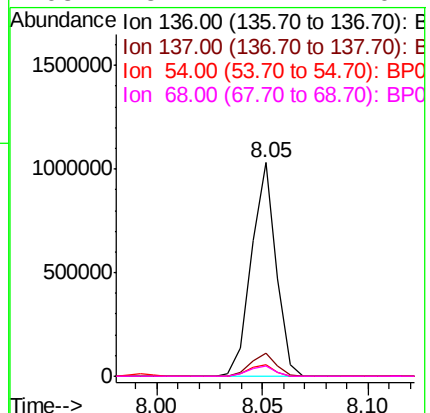
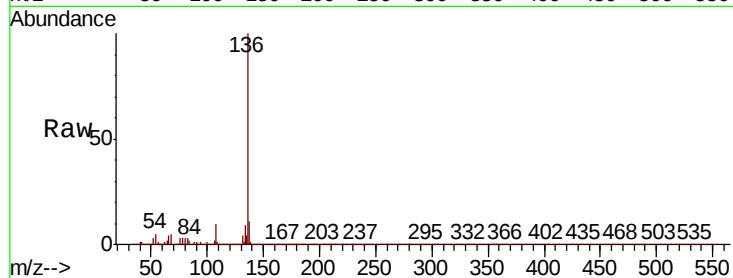




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

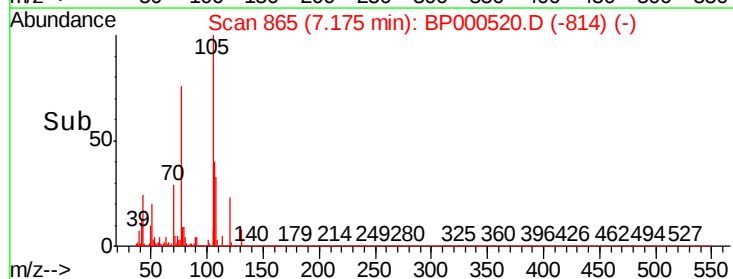
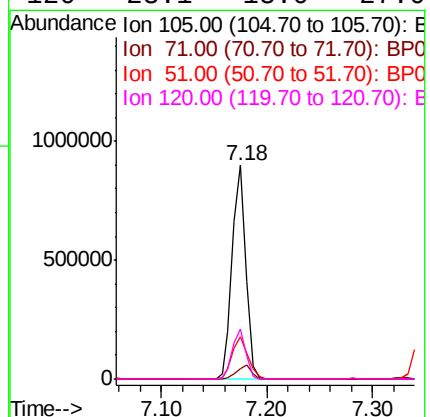
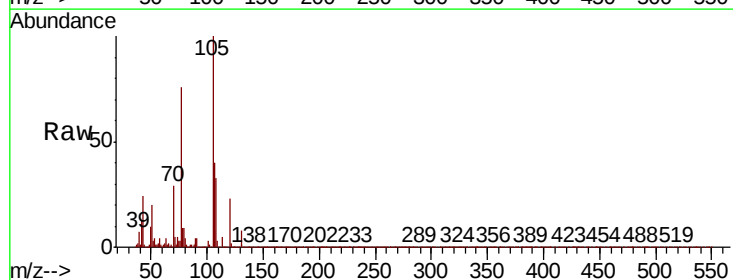
Instrument :
BNA_P
ClientSampleId :

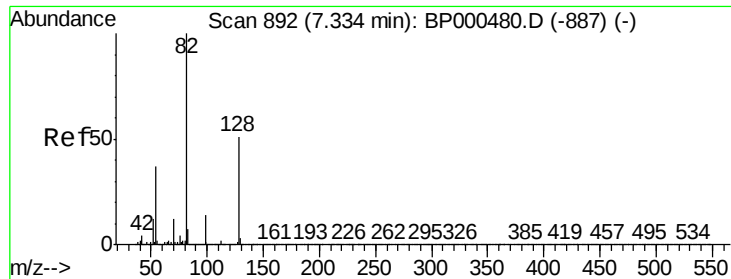
Tot Ion:136	Resp:	835017
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.4
54 5.3	4.1	6.1
68 5.1	4.1	6.1



#22
Acetophenone
Concen: 41.186 ng
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ion:105	Resp:	794652
	Ratio	Lower	Upper
105	100		
71	4.9	3.3	4.9
51	20.0	17.4	26.2
120	23.1	18.0	27.0

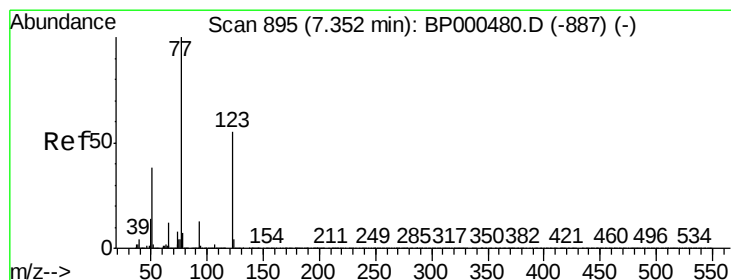
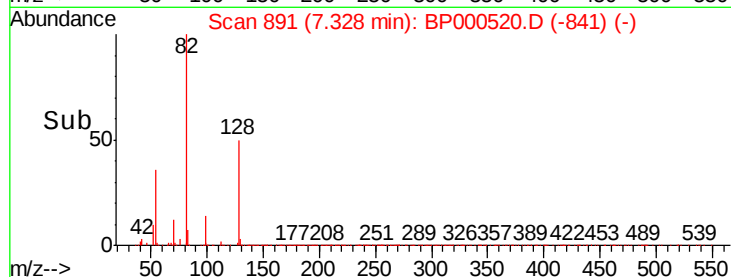
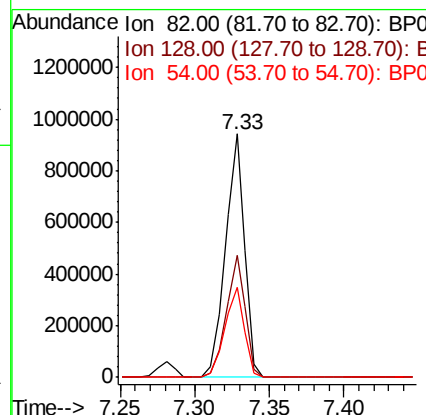
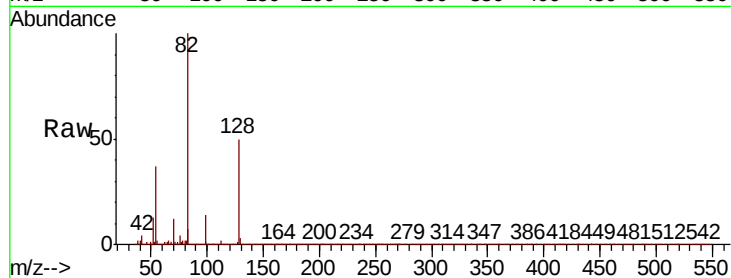




#23
 Nitrobenzene-d5
 Concen: 62.145 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

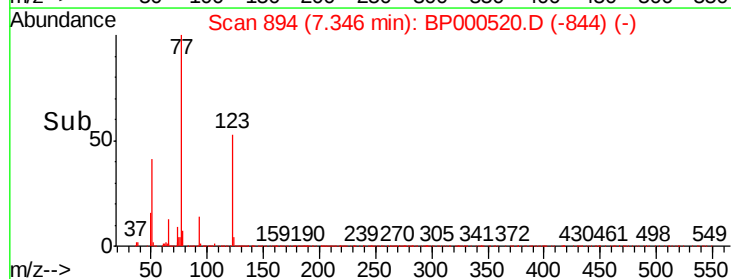
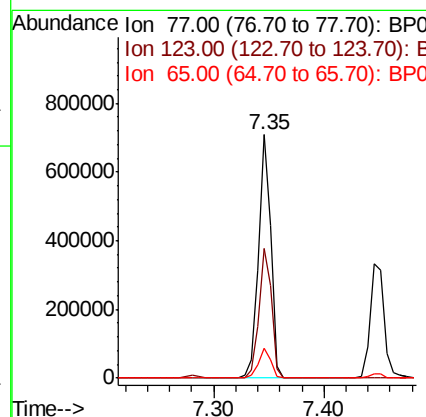
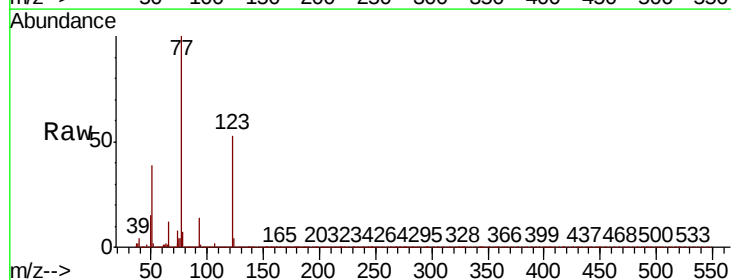
Instrument :
 BNA_P
 ClientSampleId :

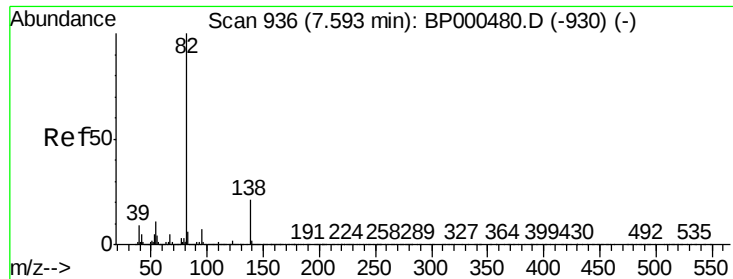
Tot Ion	82	Resp	849648
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.9	61.3
54	37.0	29.4	44.2



#24
 Nitrobenzene
 Concen: 42.011 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Tgt Ion	77	Resp	553959
Ion Ratio	Lower	Upper	
77	100		
123	53.1	44.1	66.1
65	12.2	9.7	14.5





#25

Isophorone

Concen: 42.766 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampleId :

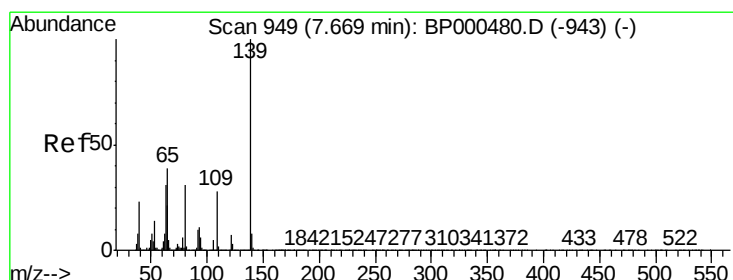
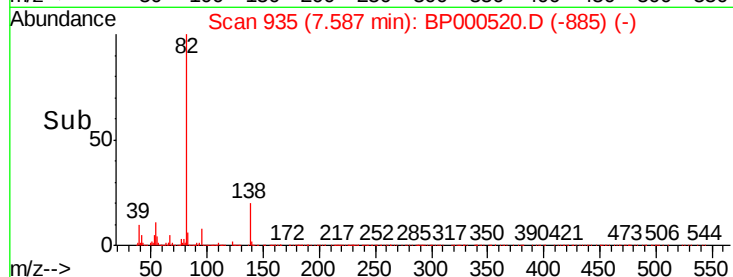
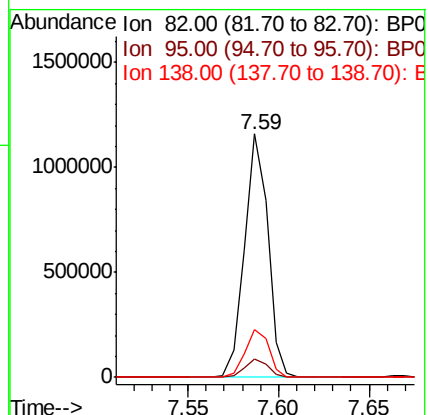
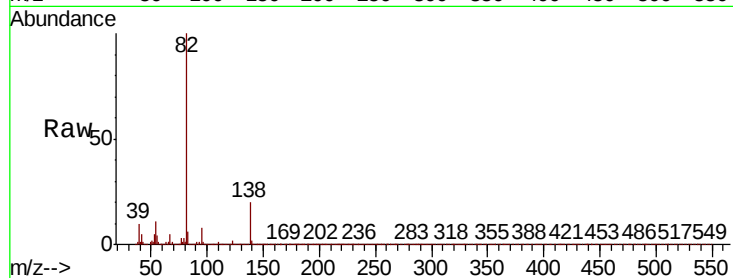
Tot Ion: 82 Resp: 1037719

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	19.8	17.0	25.4

82 100

95 7.5 5.8 8.6

138 19.8 17.0 25.4



#26

2-Nitrophenol

Concen: 45.187 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

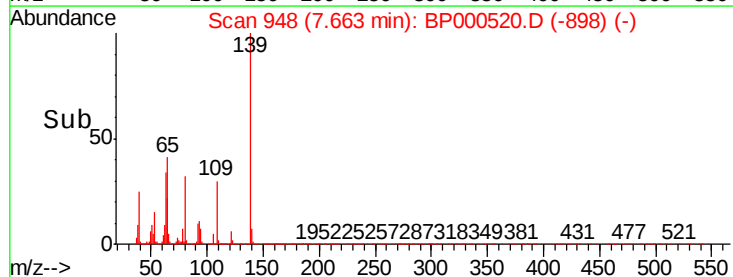
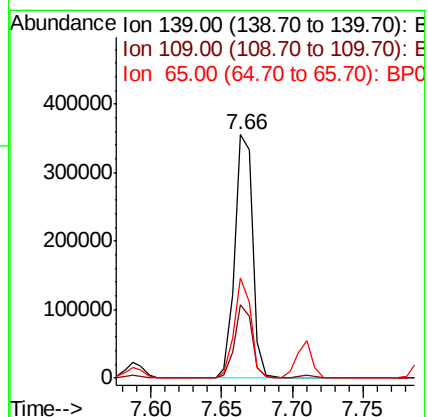
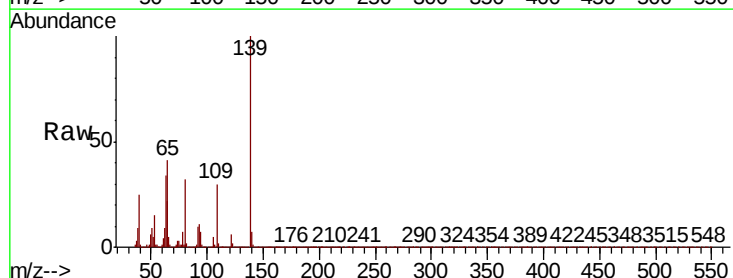
Tgt Ion: 139 Resp: 313343

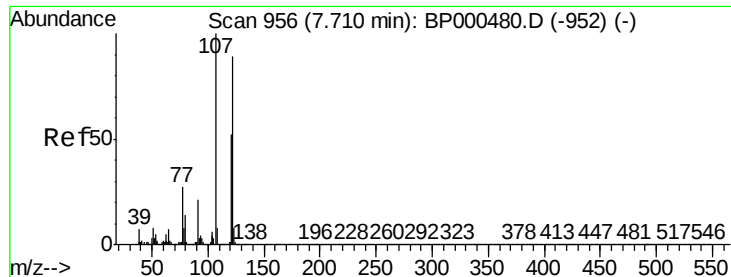
Ion	Ratio	Lower	Upper
139	100		
109	30.2	22.8	34.2
65	41.3	31.5	47.3

139 100

109 30.2 22.8 34.2

65 41.3 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 49.832 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampleId :

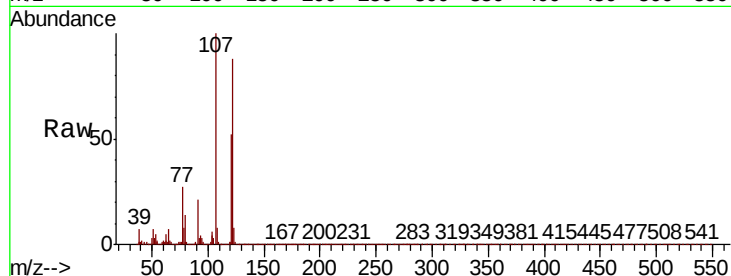
Tot Ion:122 Resp: 529687

Ion Ratio Lower Upper

122 100

107 114.0 89.9 134.9

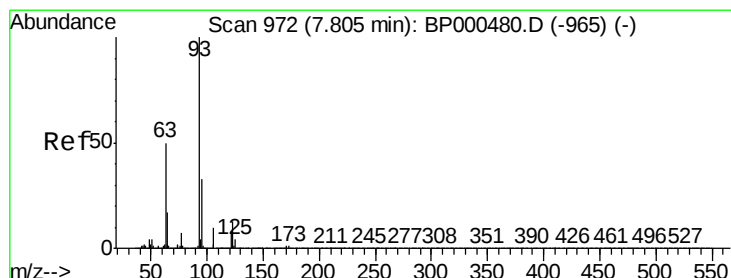
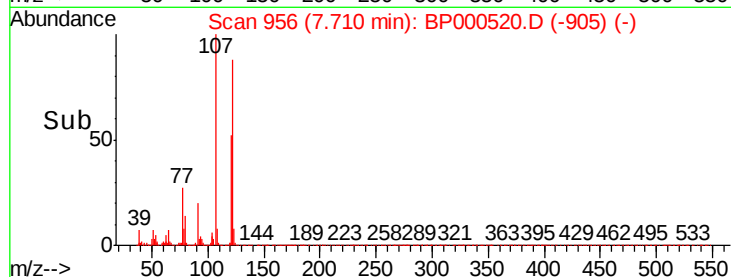
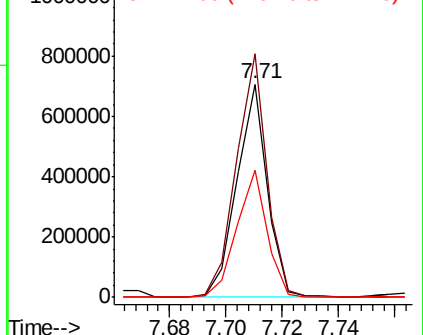
121 59.6 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.063 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

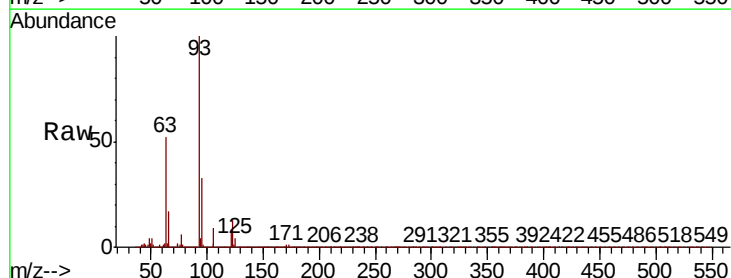
Tgt Ion: 93 Resp: 677125

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

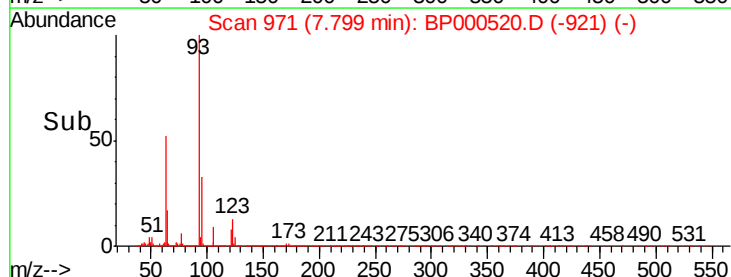
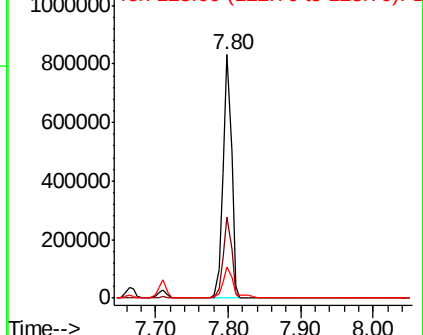
123 12.8 10.2 15.2

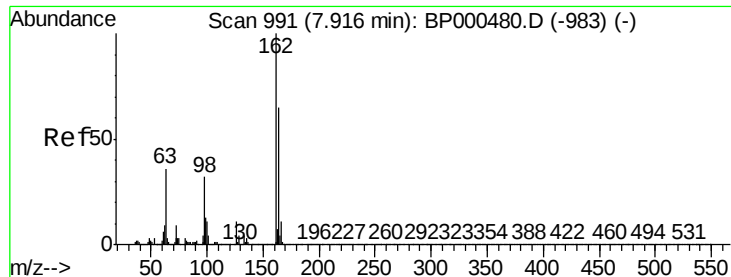


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

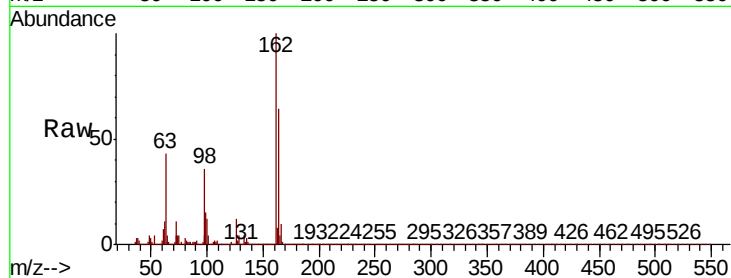




#29
2,4-Dichlorophenol
Concen: 45.307 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	35.8	11.6	51.6

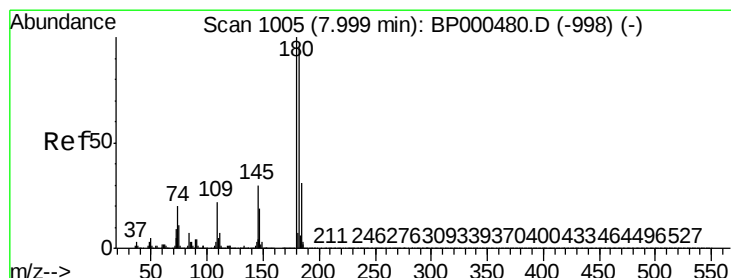
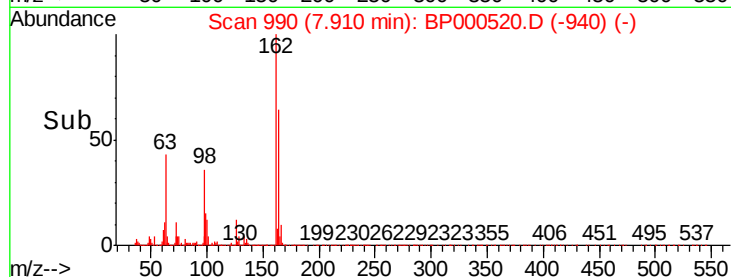
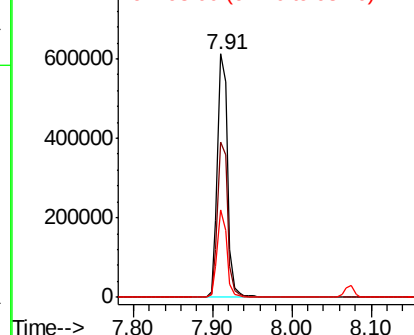


Abundance

Ion 162.00 (161.70 to 162.70): E

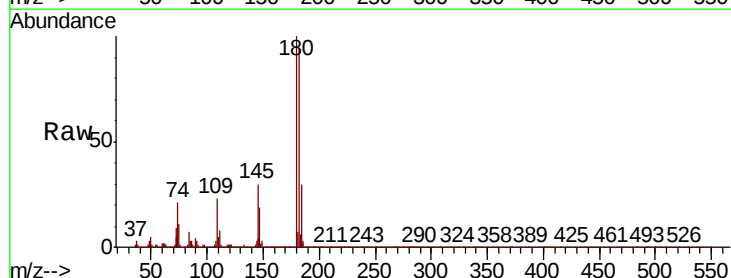
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 41.835 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.4
145	29.6	23.6	35.4

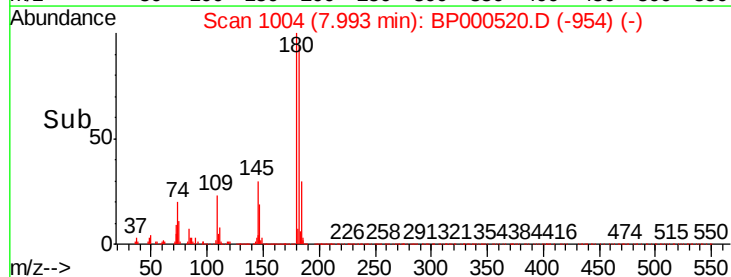
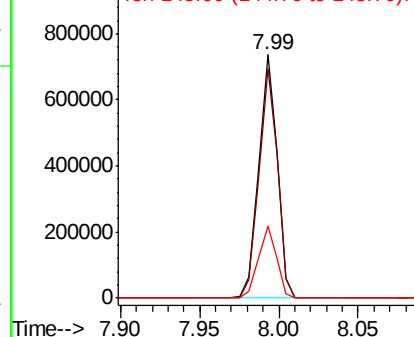


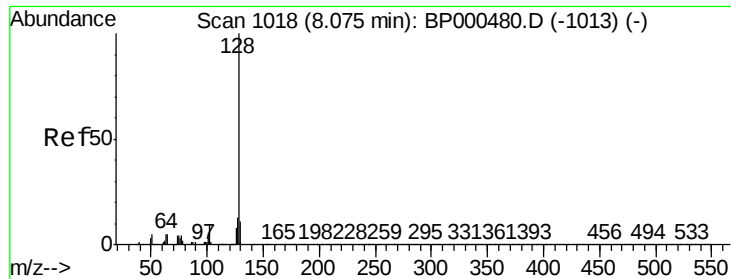
Abundance

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

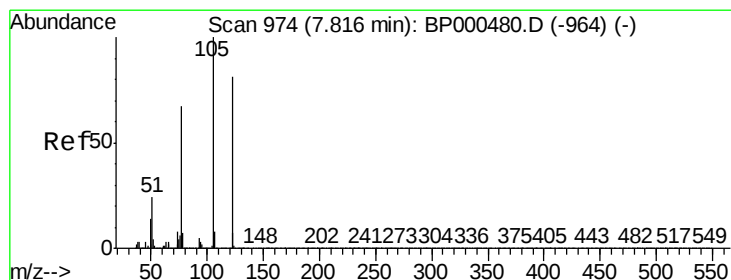
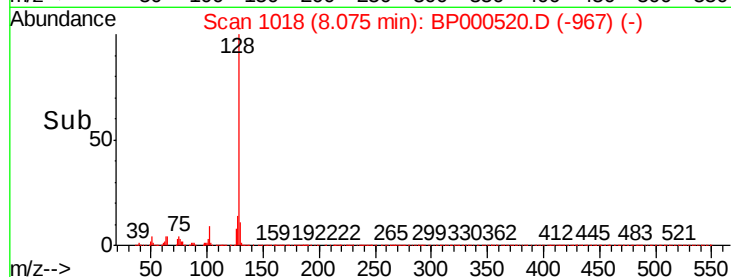
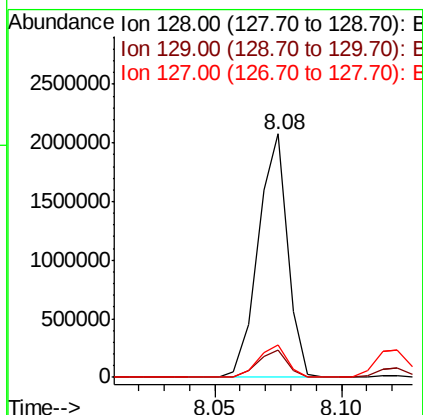
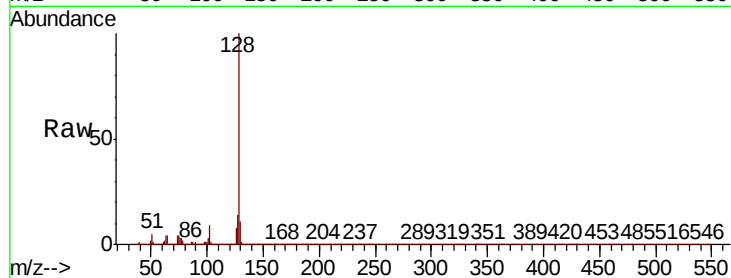




#31
Naphthalene
Concen: 43.161 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

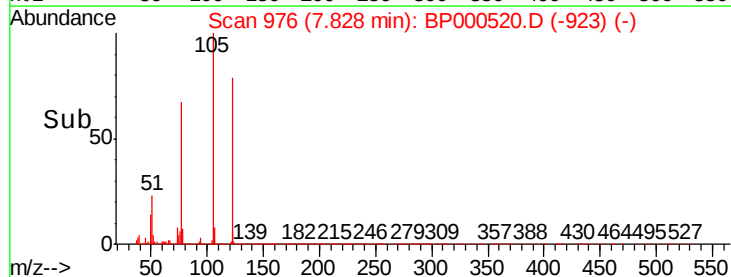
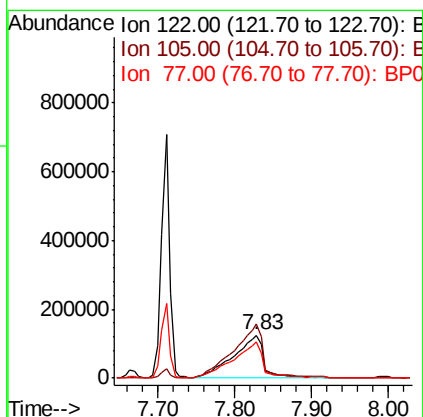
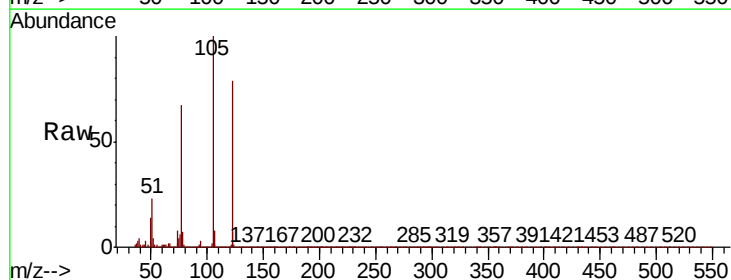
Instrument :
BNA_P
ClientSampleId :

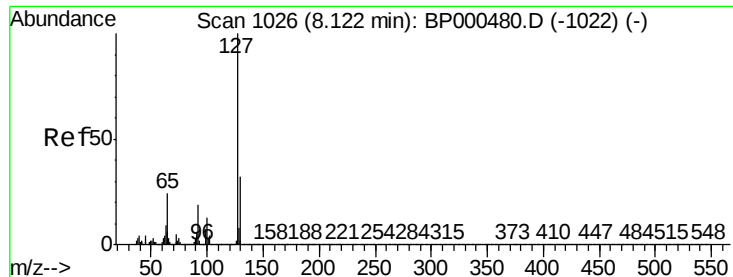
Tot Ion:128 Resp: 1683184
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 50.609 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:122 Resp: 339676
Ion Ratio Lower Upper
122 100
105 126.4 101.4 141.4
77 84.9 62.1 102.1

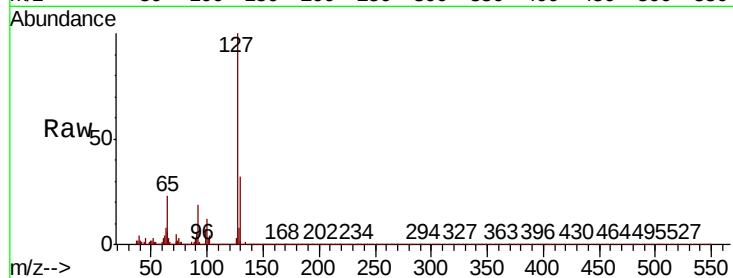




#33
4-Chloroaniline
Concen: 14.371 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	246074
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.6	38.4
65	22.6	19.2	28.8
92	18.7	14.9	22.3



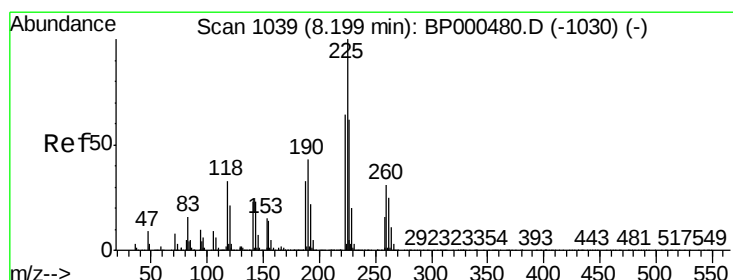
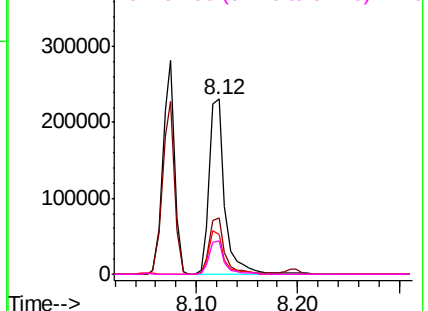
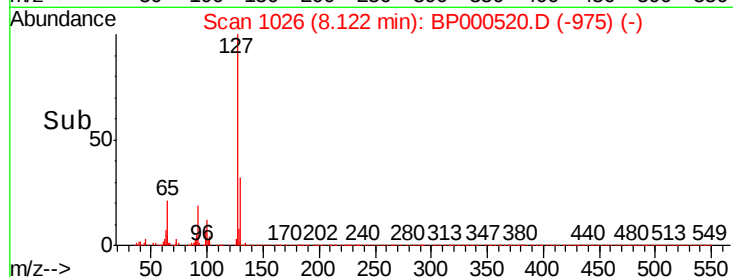
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

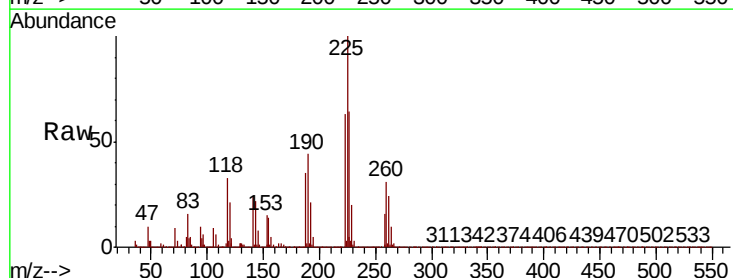
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 41.162 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:	225	Resp:	351127
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	63.6	49.7	74.5

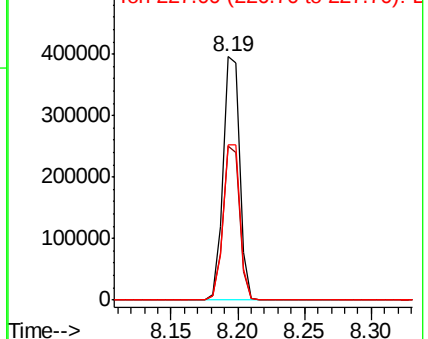
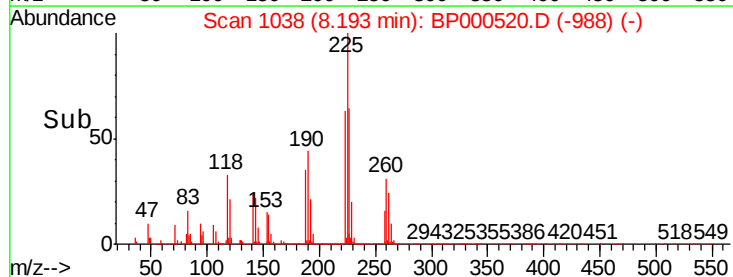


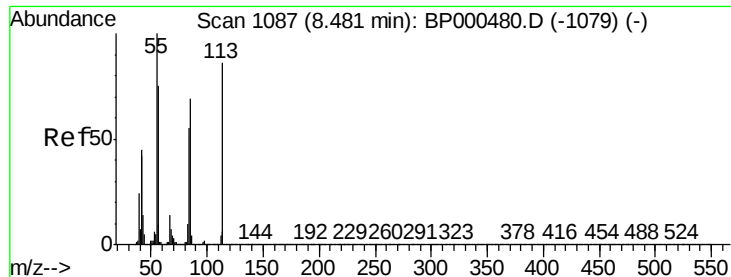
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.335 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

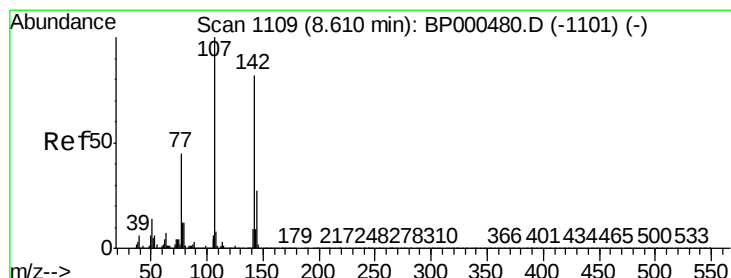
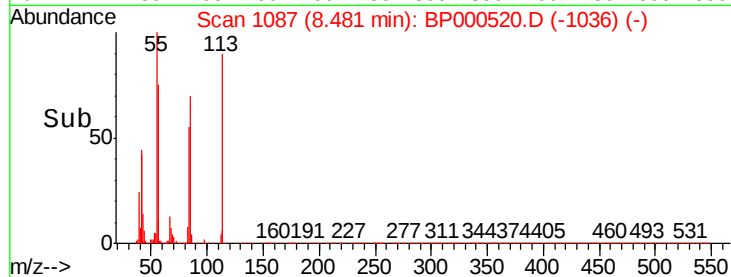
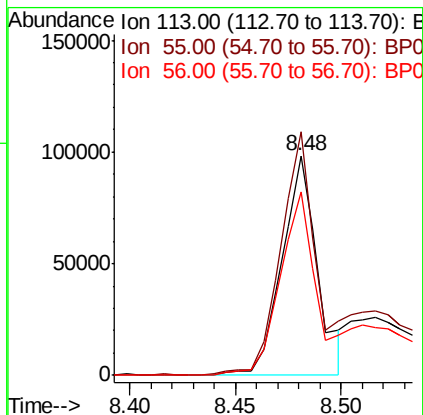
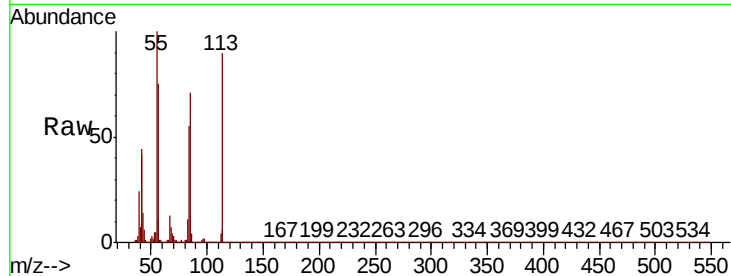
Instrument :

BNA_P

ClientSampled :

Tot Ion:113 Resp: 114064

Ion	Ratio	Lower	Upper
113	100		
55	111.0	95.9	135.9
56	83.5	67.2	107.2



#36

4-Chloro-3-methylphenol

Concen: 46.189 ng

RT: 8.62 min Scan# 1110

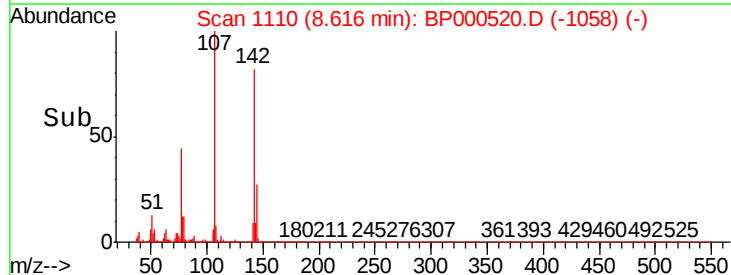
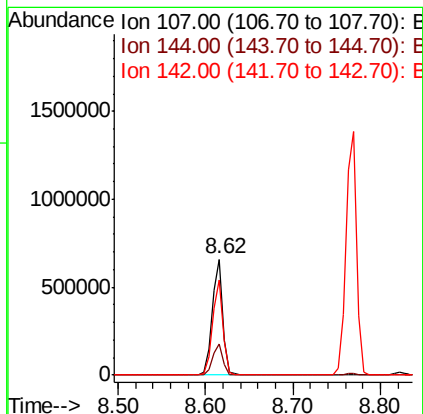
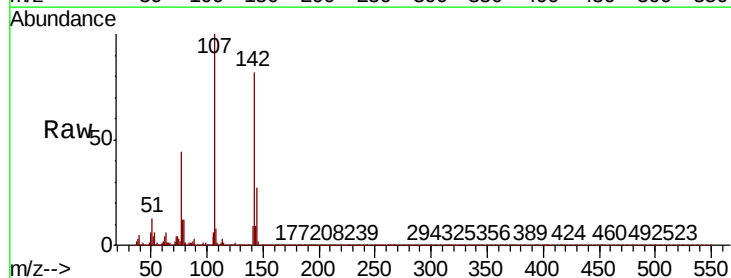
Delta R.T. 0.01 min

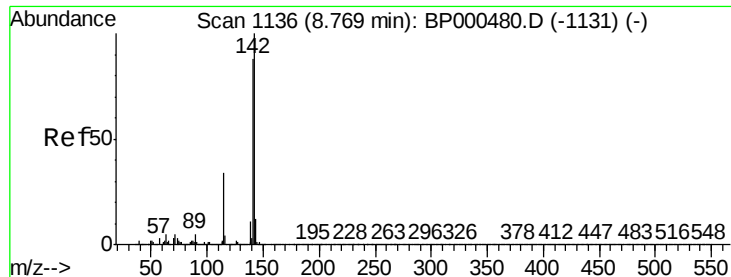
Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:107 Resp: 543705

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.8	32.8
142	82.3	65.5	98.3





#37

2-Methylnaphthalene

Concen: 44.392 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

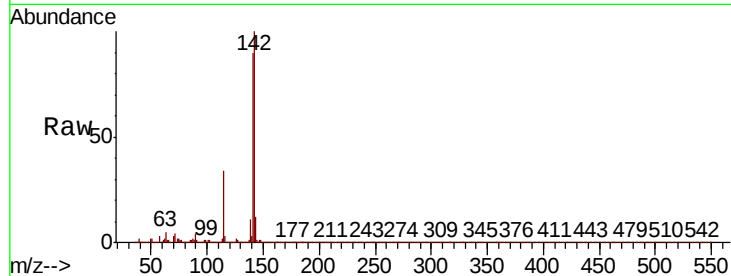
Instrument :

BNA_P

ClientSampleId :

Tot Ion:142 Resp: 1162173

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.6	106.0
115	33.8	27.4	41.0

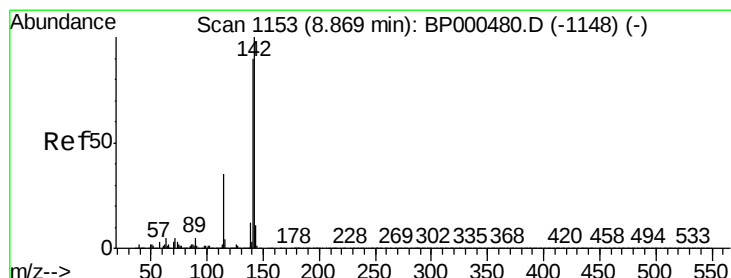
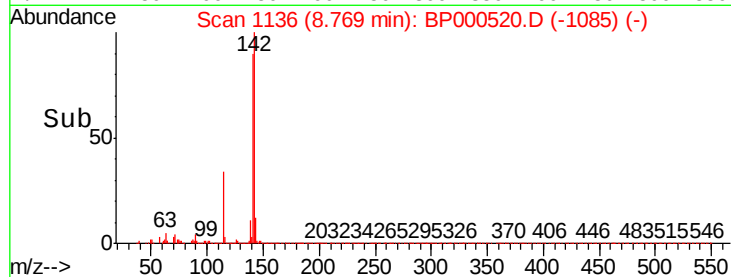
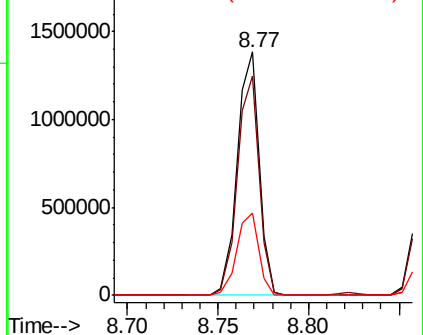


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.897 ng

RT: 8.87 min Scan# 1153

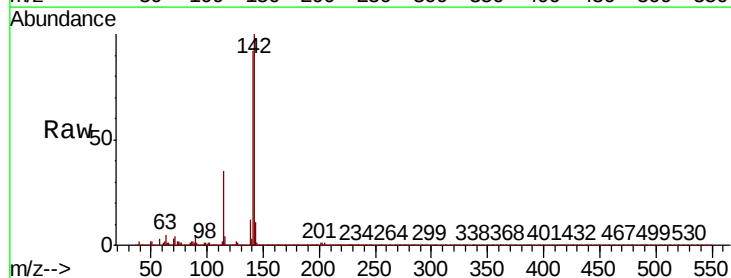
Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:142 Resp: 1085882

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
116	3.6	3.0	4.4

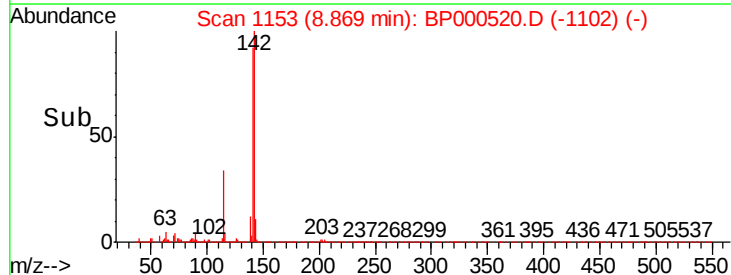
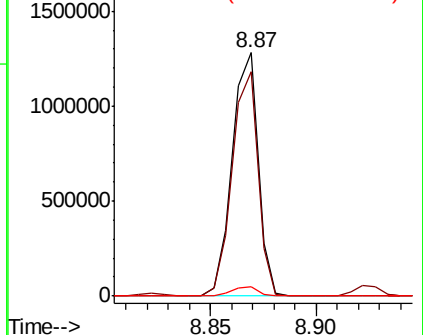


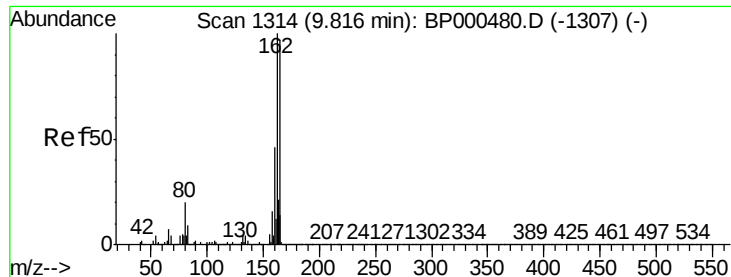
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

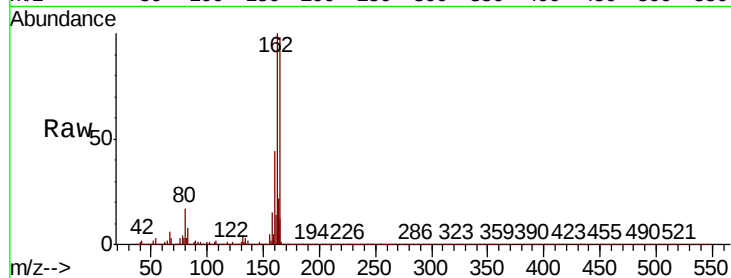




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	44.7	37.6	56.4

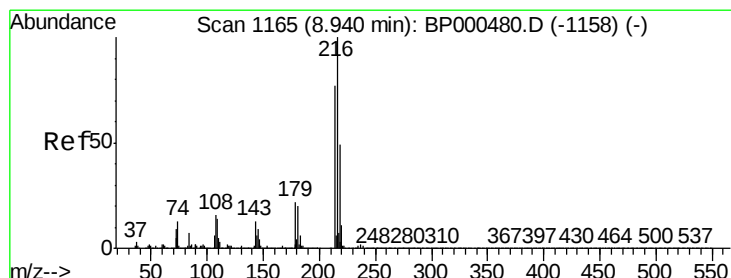
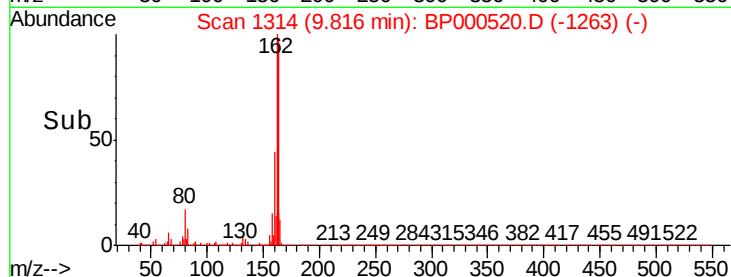
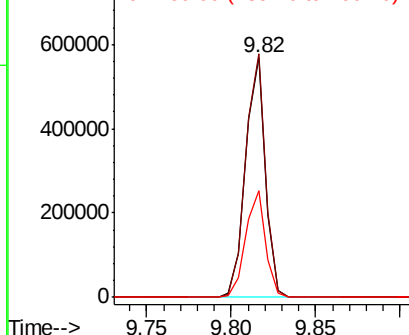


Abundance

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: 41.411 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	20.7	16.7	25.1
108	17.6	13.7	20.5

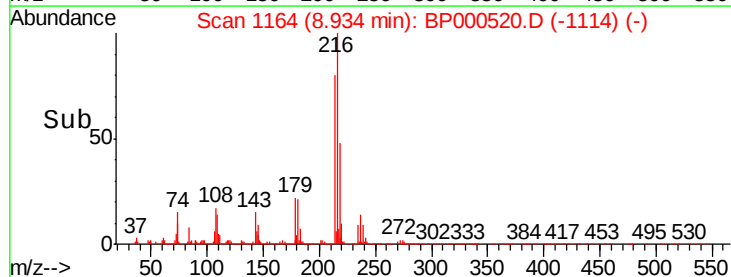
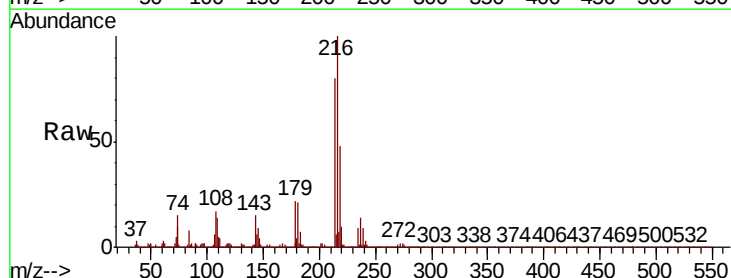
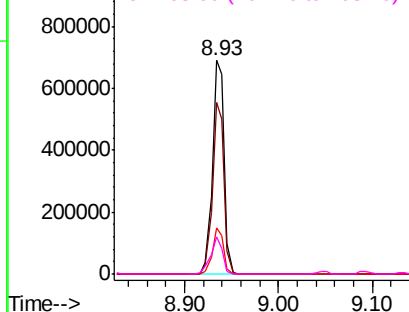
Abundance

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

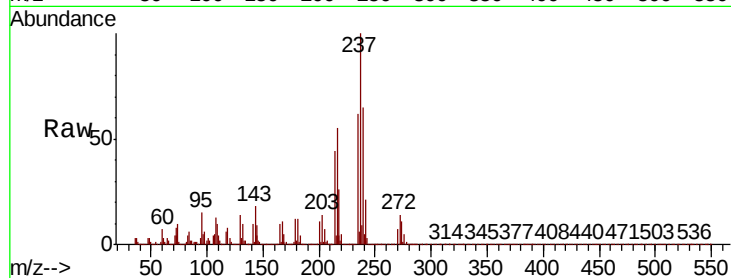




#41
Hexachlorocyclopentadiene
Concen: 66.796 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.9	82.9
272	13.7	0.0	32.4

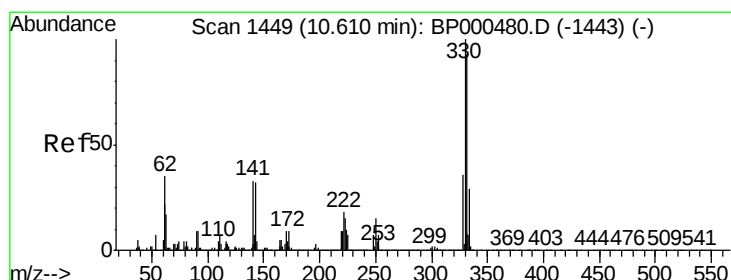
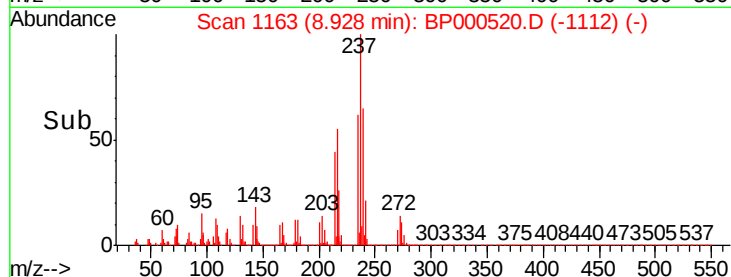
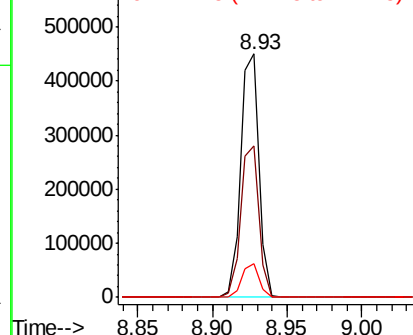


Abundance

Ion 236.80 (236.50 to 237.50): E

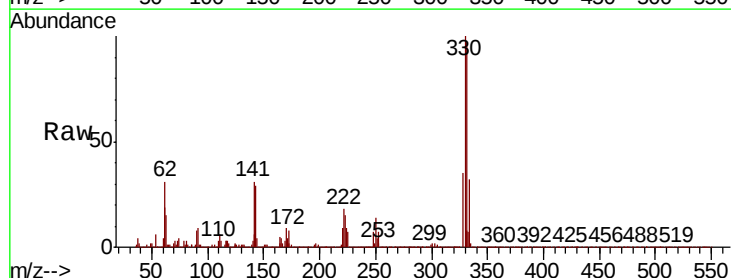
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 99.413 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	30.8	26.0	39.0

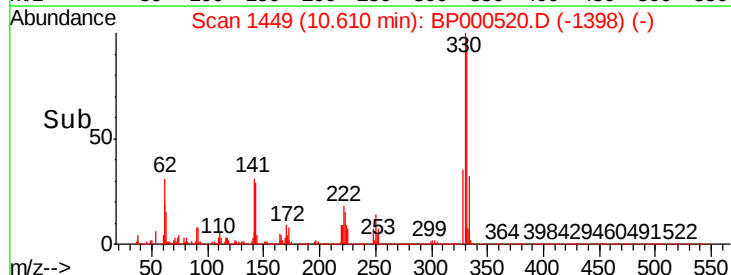
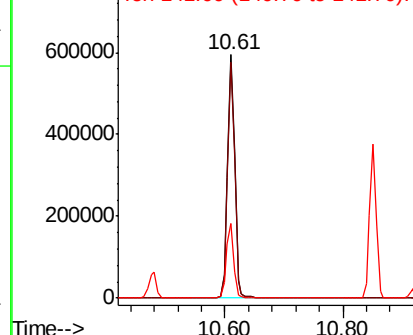


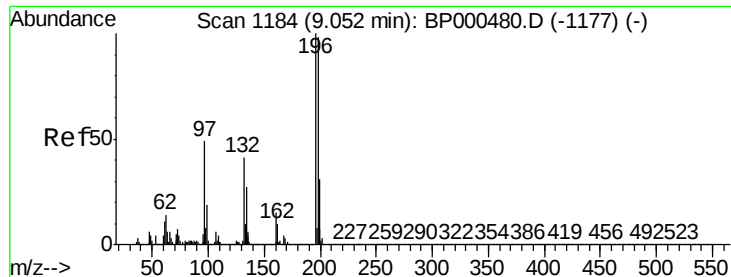
Abundance

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

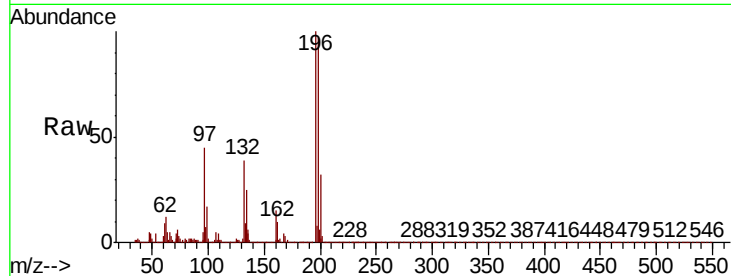




#43
 2,4,6-Trichlorophenol
 Concen: 43.669 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	32.0	24.9	37.3

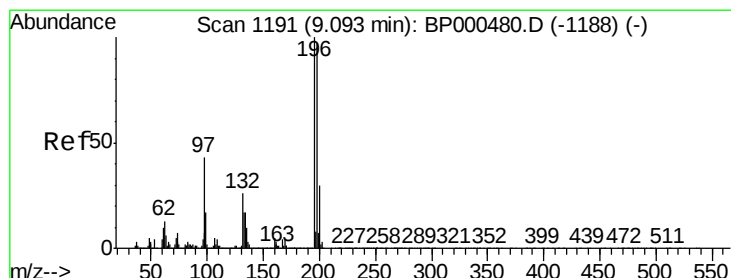
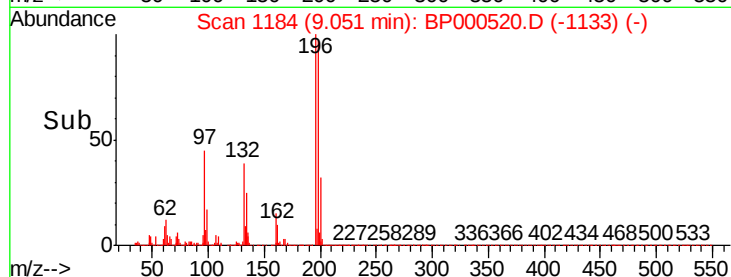
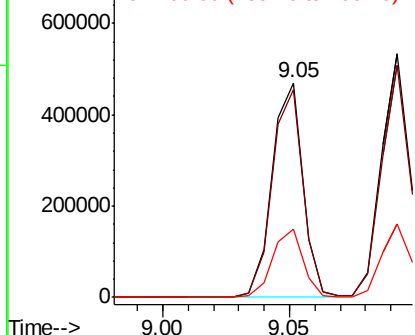


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.649 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.4	116.0
97	41.3	34.6	51.8
132	24.9	20.6	30.8

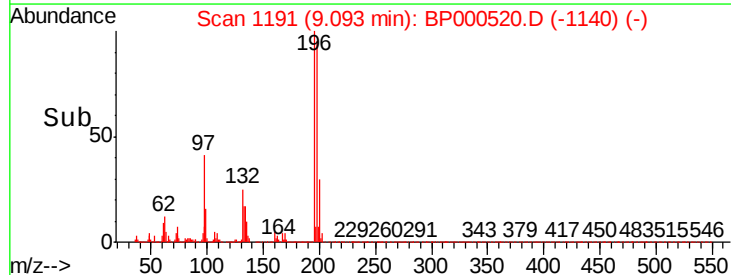
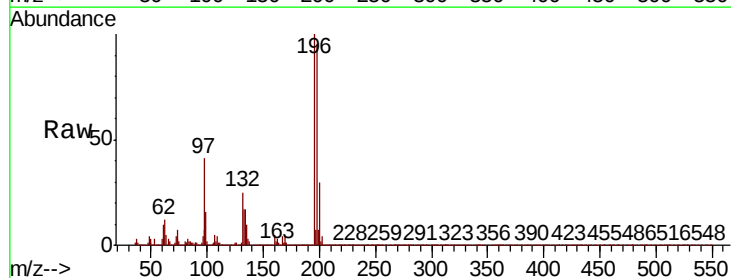
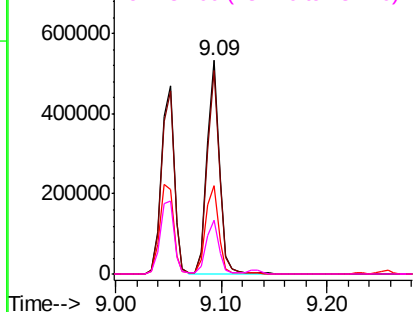
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

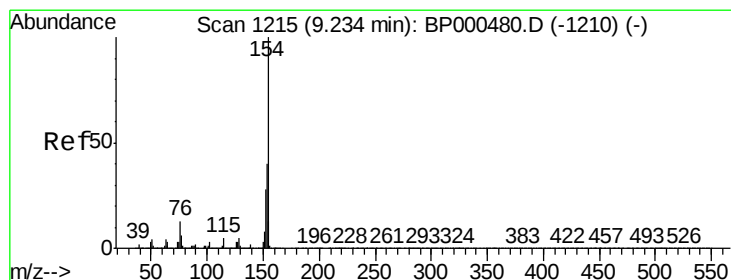
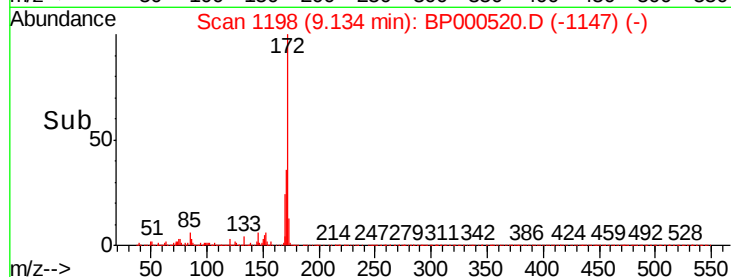
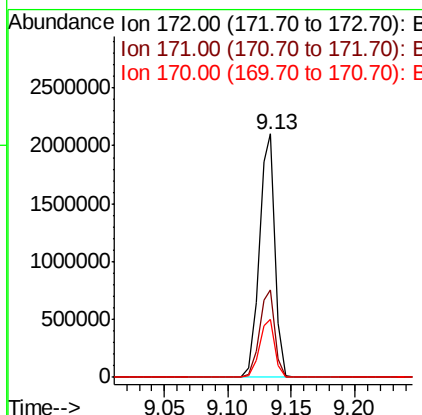
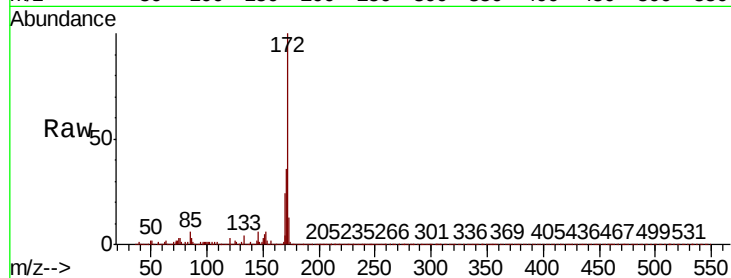




#45
2-Fluorobiphenyl
Concen: 63.687 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

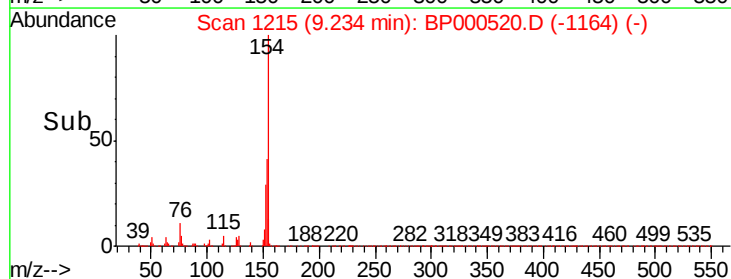
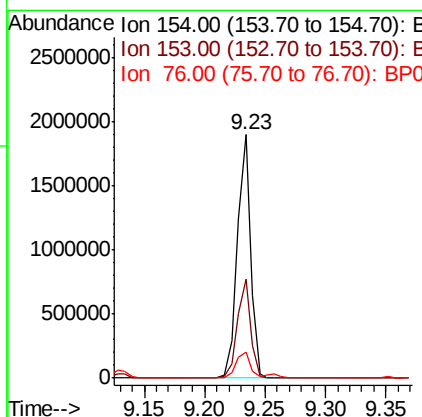
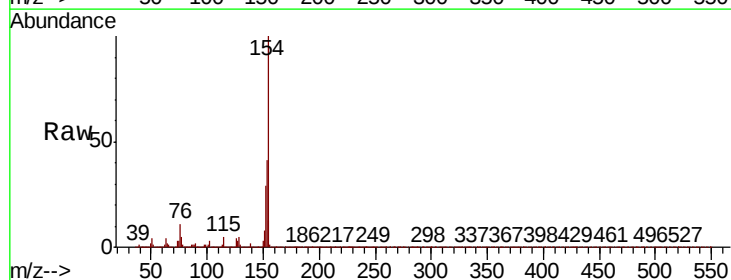
Instrument :
BNA_P
ClientSampled :

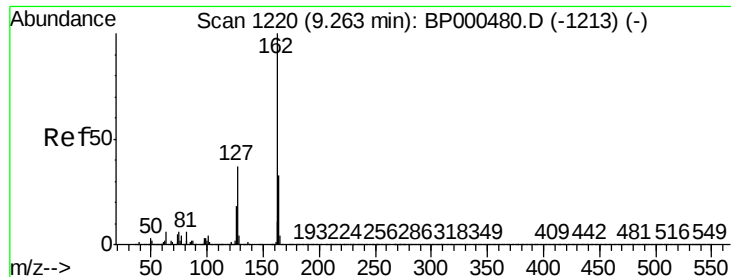
Tot Ion:172 Resp: 1835640
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.517 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:154 Resp: 1461446
Ion Ratio Lower Upper
154 100
153 40.7 19.9 59.9
76 10.8 0.0 32.8

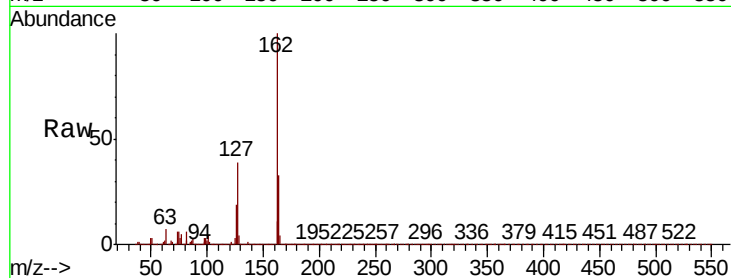




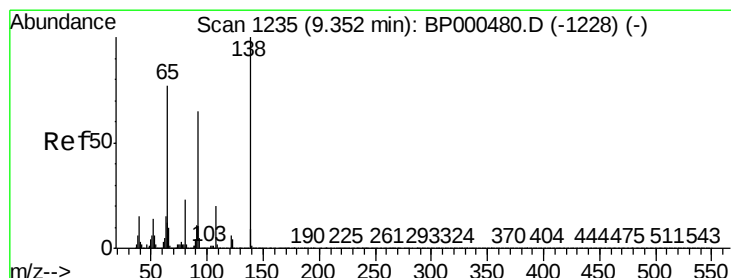
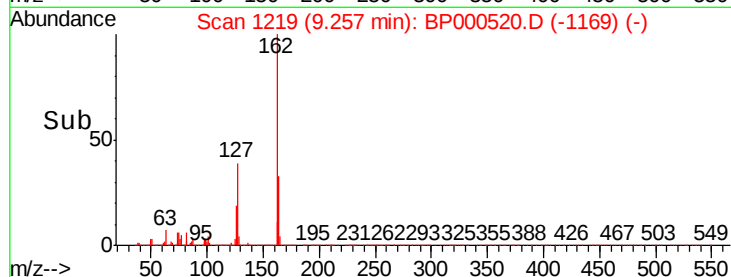
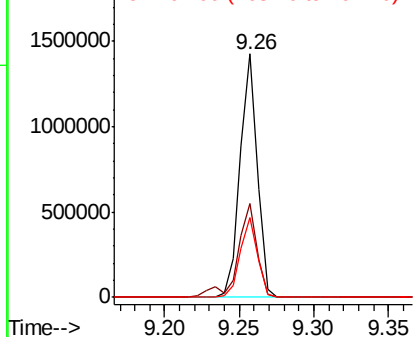
#47
2-Chloronaphthalene
Concen: 42.120 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 1146514
Ion Ratio Lower Upper
162 100
127 38.5 29.8 44.6
164 32.8 26.6 39.8

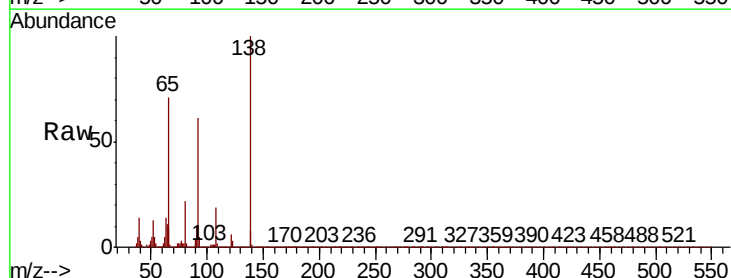


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

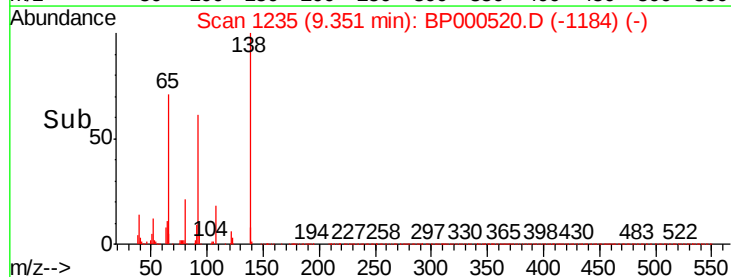
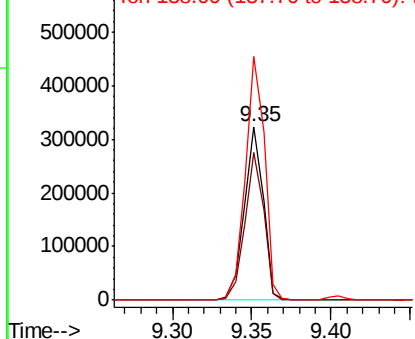


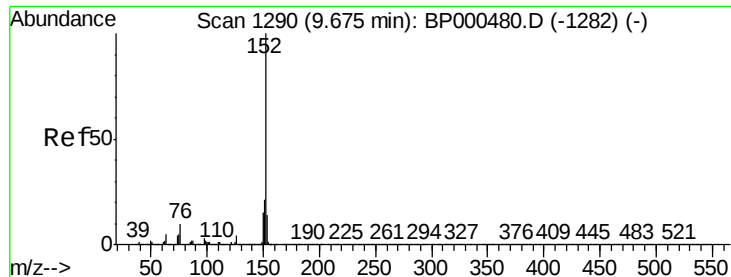
#48
2-Nitroaniline
Concen: 40.587 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion: 65 Resp: 267466
Ion Ratio Lower Upper
65 100
92 85.1 67.0 100.4
138 140.4 103.5 155.3



Abundance Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.884 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

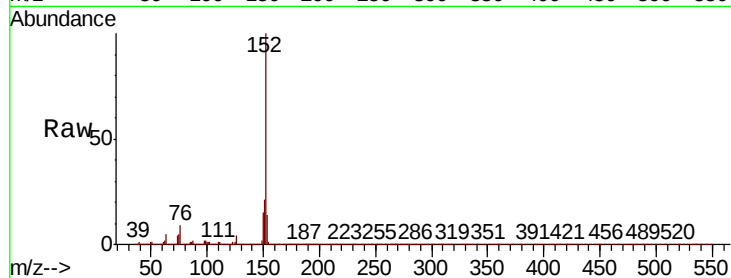
Instrument :

BNA_P

ClientSampled :

Tot Ion:152 Resp: 1802175

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.5	11.0	16.6

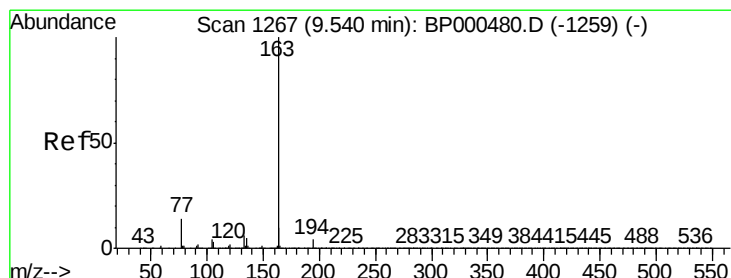
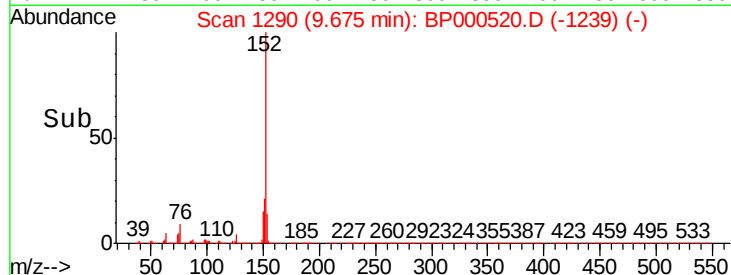
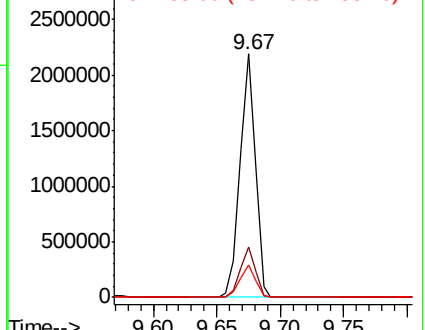


Abundance

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: 50.520 ng

RT: 9.54 min Scan# 1267

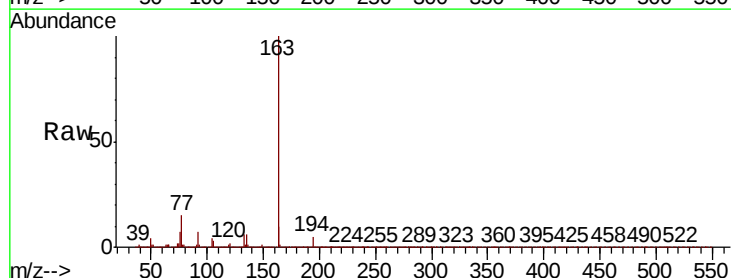
Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:163 Resp: 1637075

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0

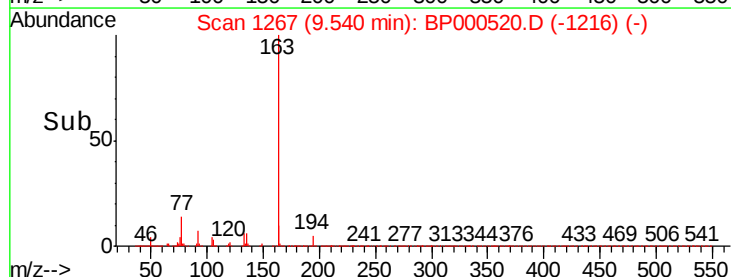
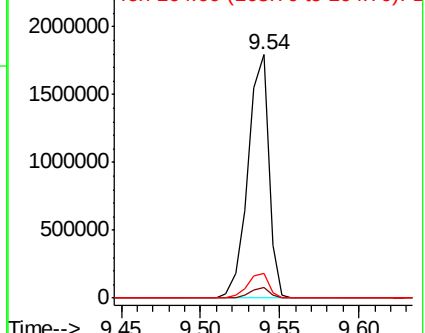


Abundance

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

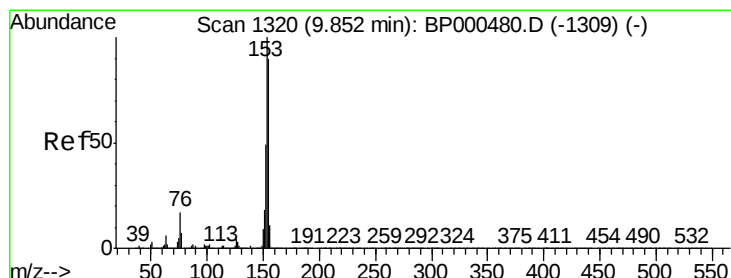
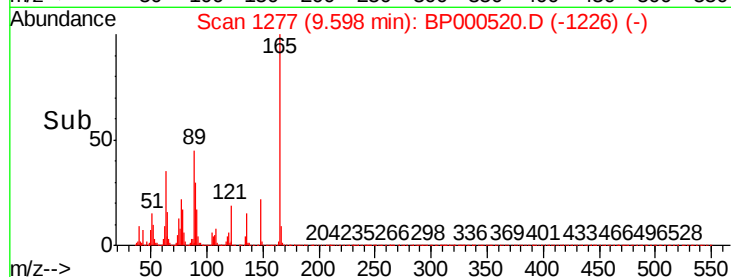
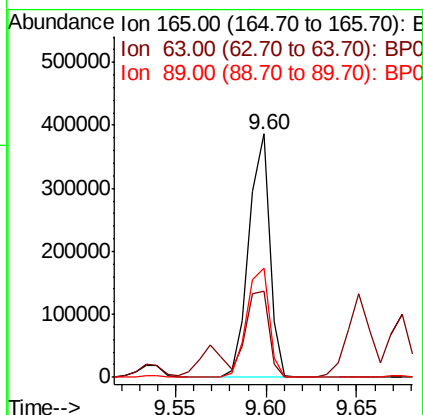
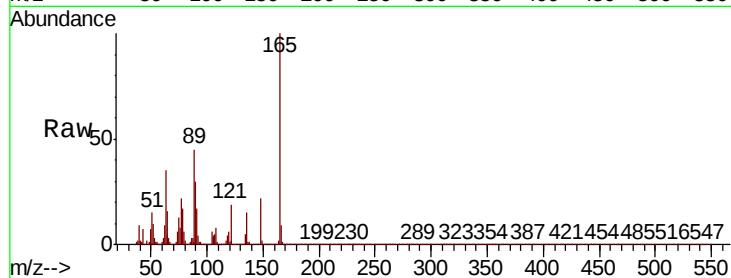




#51
 2,6-Dinitrotoluene
 Concen: 43.836 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

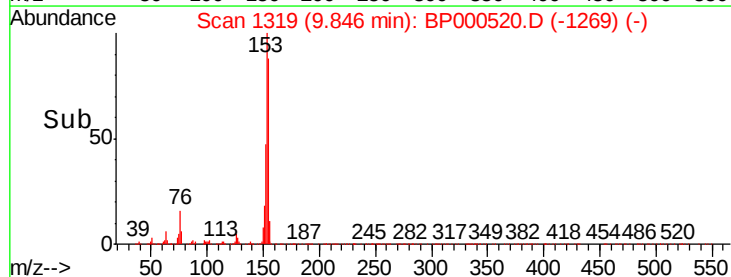
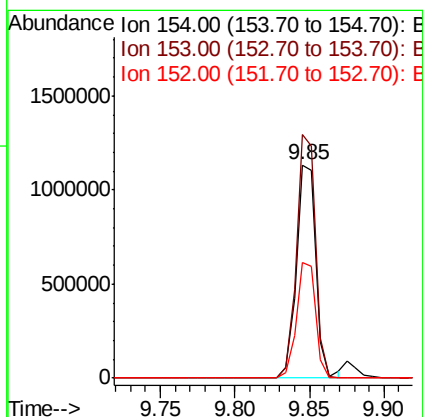
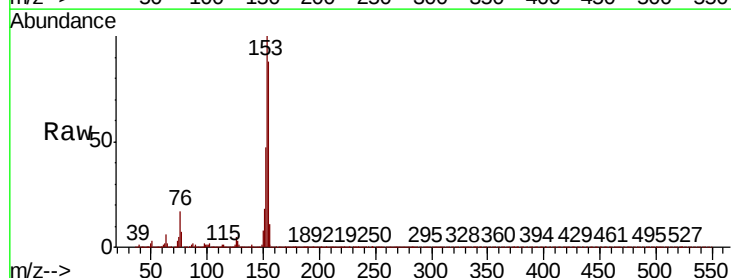
Instrument :
 BNA_P
 ClientSampled :

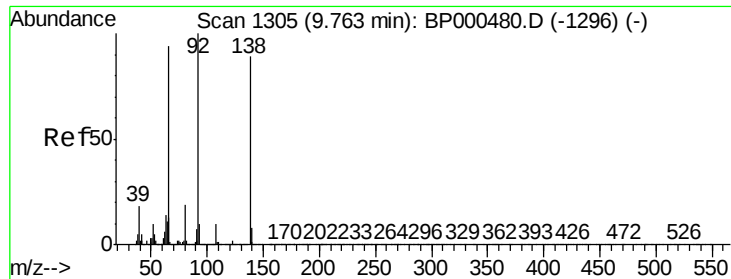
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	29.9	44.9
89	44.9	37.3	55.9



#52
 Acenaphthene
 Concen: 42.030 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.4	134.0
152	54.0	43.8	65.8

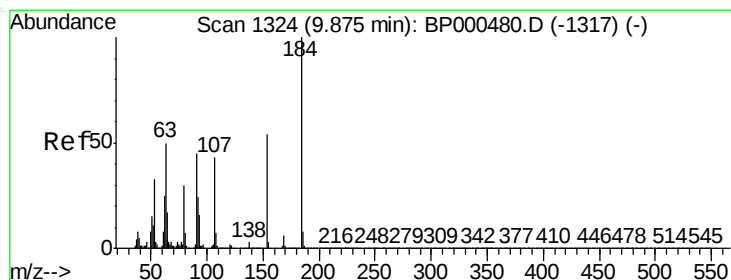
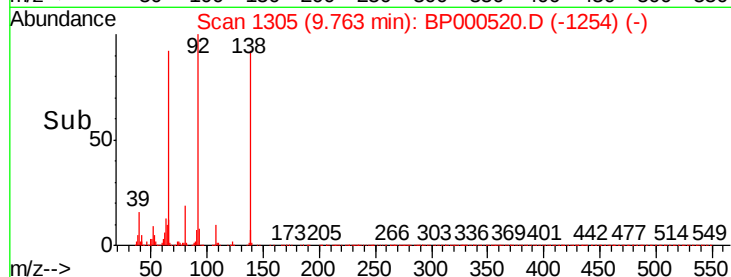
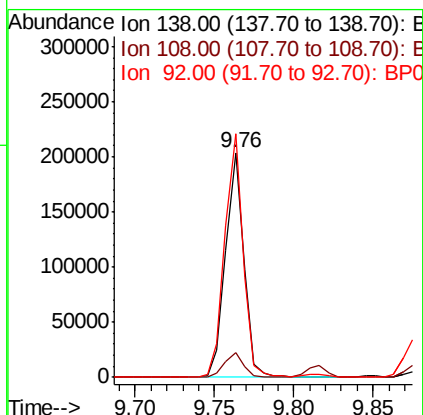
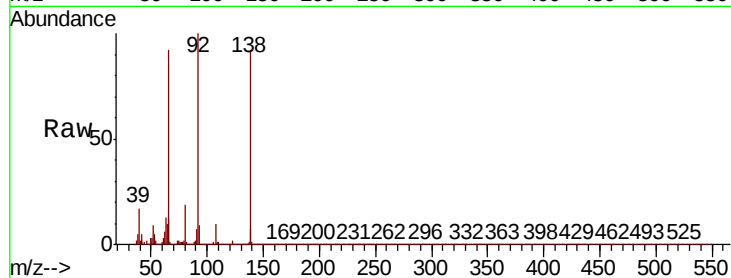




#53
3-Nitroaniline
Concen: 20.177 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

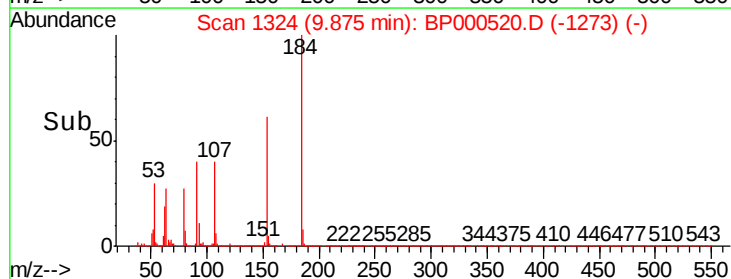
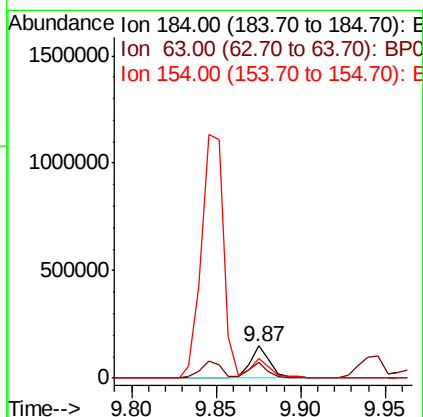
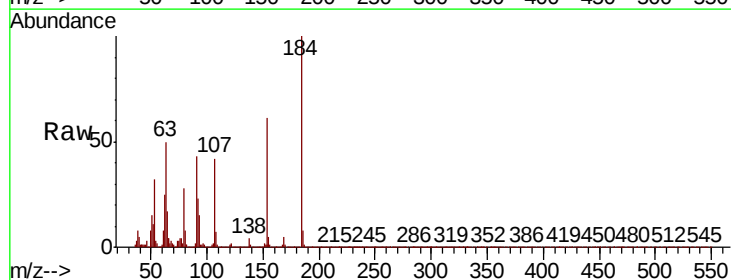
Instrument :
BNA_P
ClientSampleId :

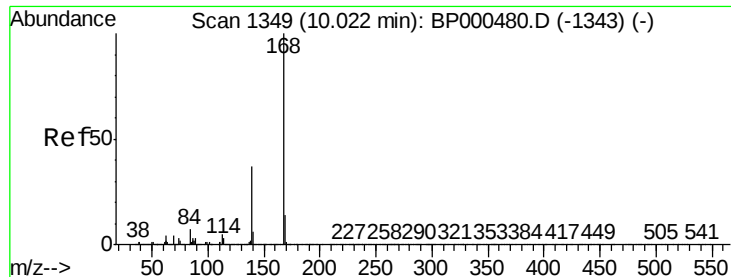
Tot Ion:138 Resp: 163371
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 108.3 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 53.831 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:184 Resp: 126933
Ion Ratio Lower Upper
184 100
63 49.8 41.0 61.4
154 61.4 49.8 74.8





#55

Dibenzofuran

Concen: 43.805 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

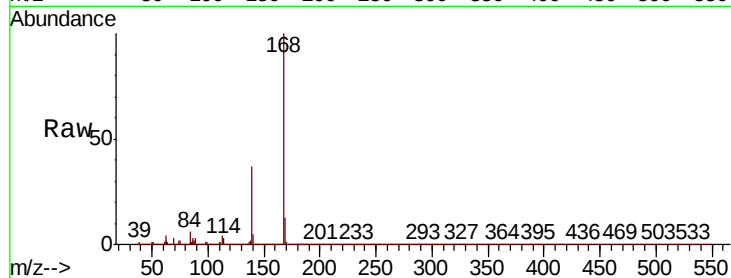
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 1631222

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.5	44.3
169	13.2	11.1	16.7

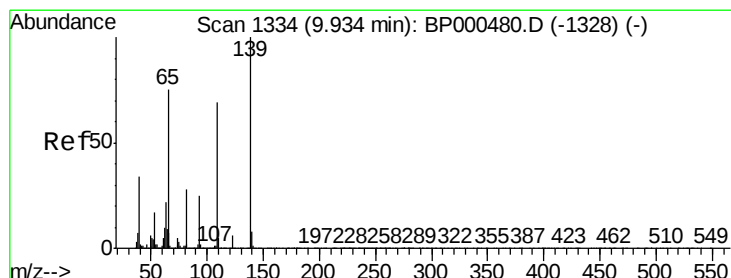
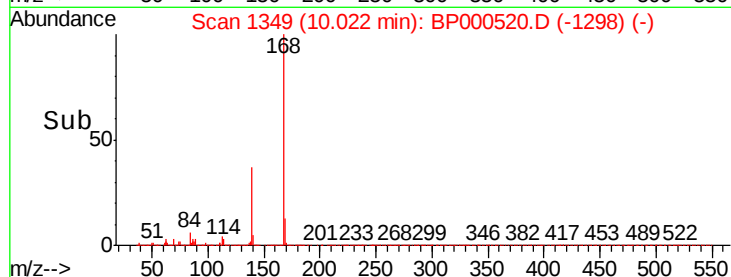
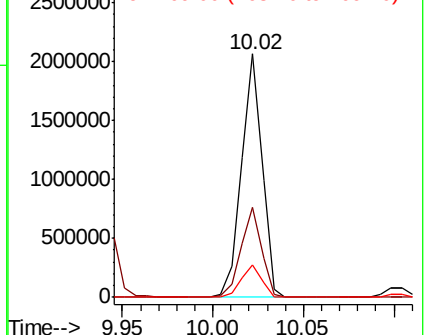


Abundance

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: 90.127 ng

RT: 9.95 min Scan# 1336

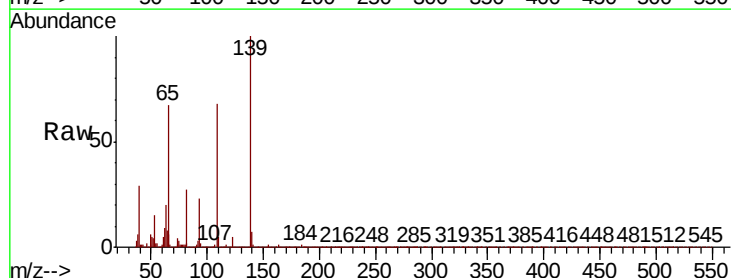
Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:139 Resp: 465905

Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.6	88.6
65	67.0	55.3	95.3

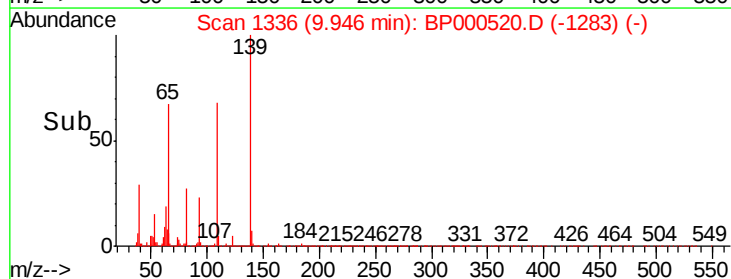
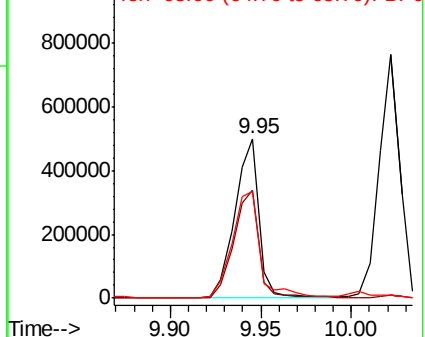


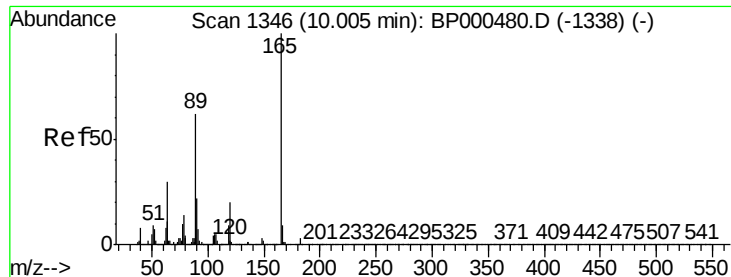
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

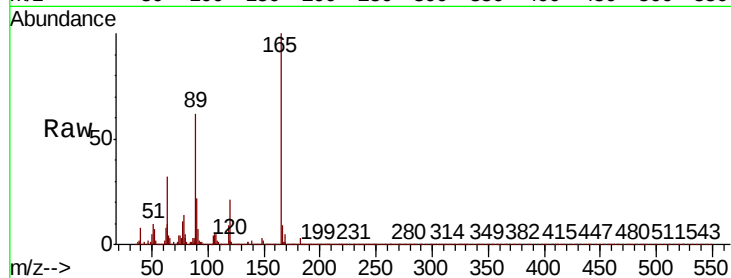




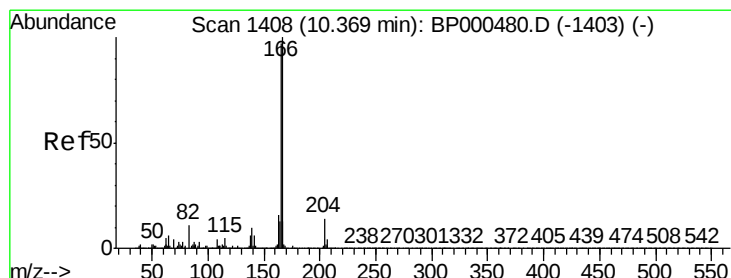
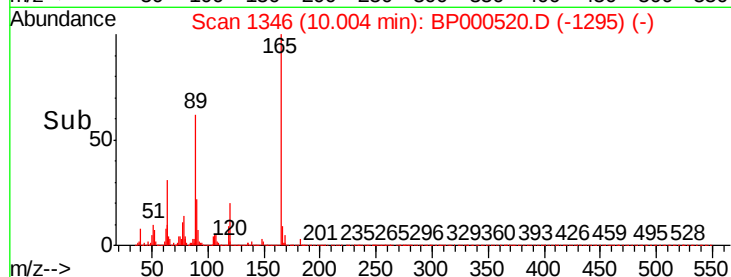
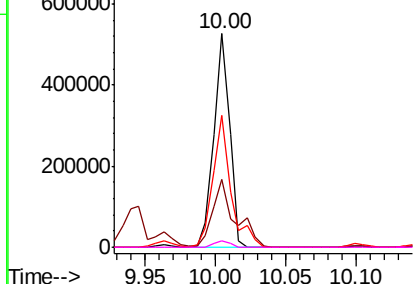
#57
2,4-Dinitrotoluene
Concen: 43.902 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 411343
Ion Ratio Lower Upper
165 100
63 31.5 24.2 36.4
89 61.7 49.4 74.0
182 3.0 2.5 3.7

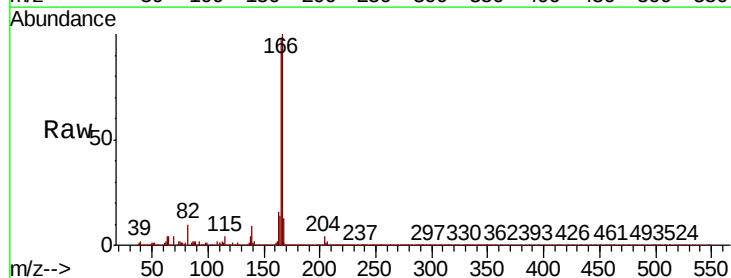


Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BP
Ion 89.00 (88.70 to 89.70): BP
Ion 182.00 (181.70 to 182.70): E

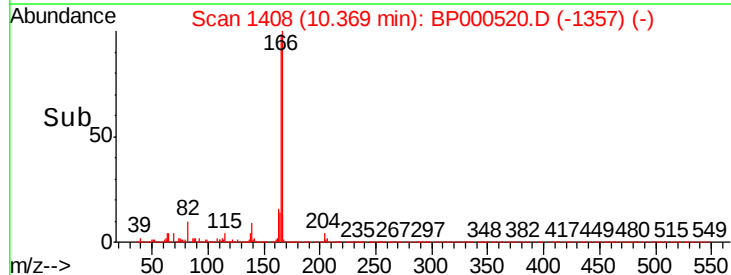
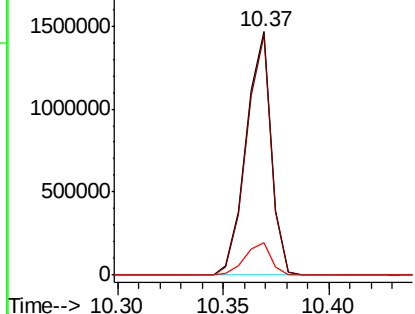


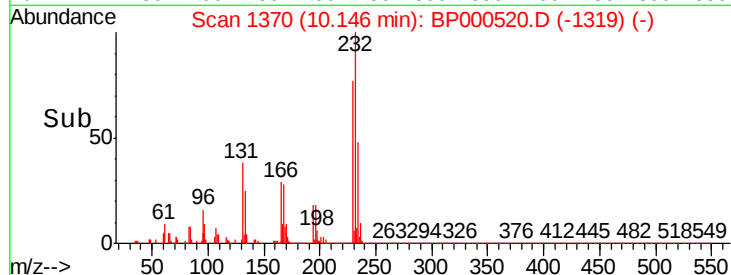
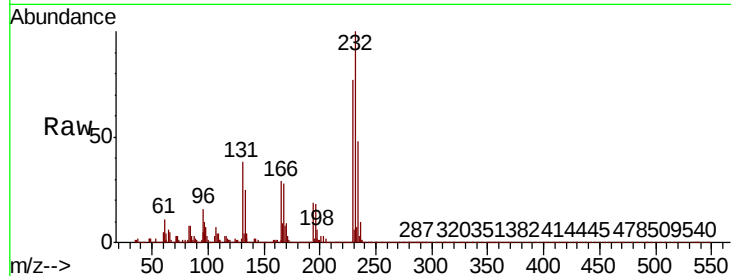
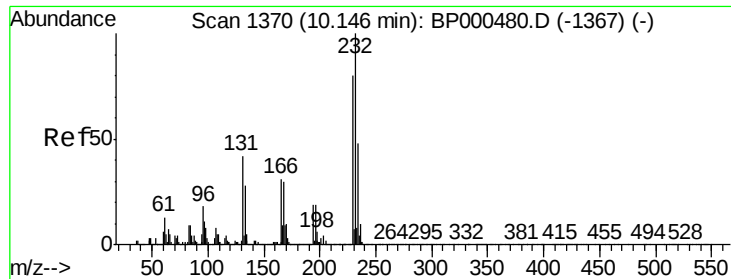
#58
Fluorene
Concen: 45.471 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:166 Resp: 1206817
Ion Ratio Lower Upper
166 100
165 98.4 77.3 115.9
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

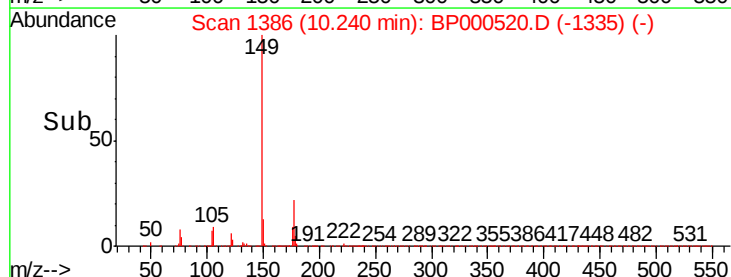
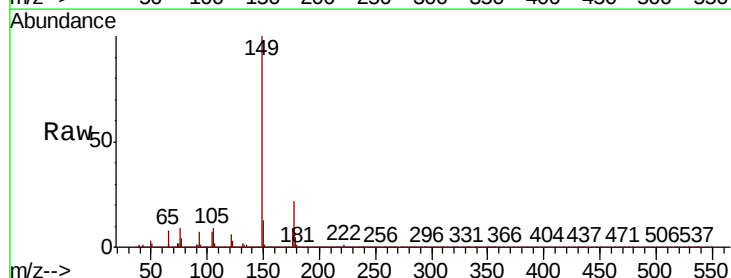
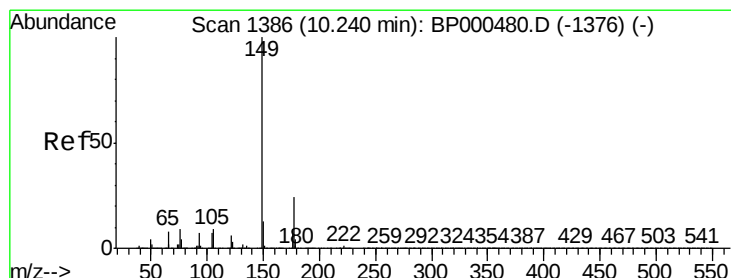
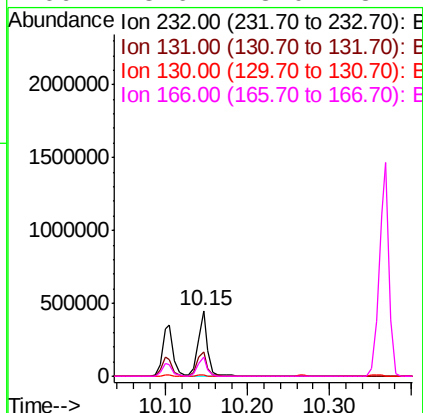




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.341 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

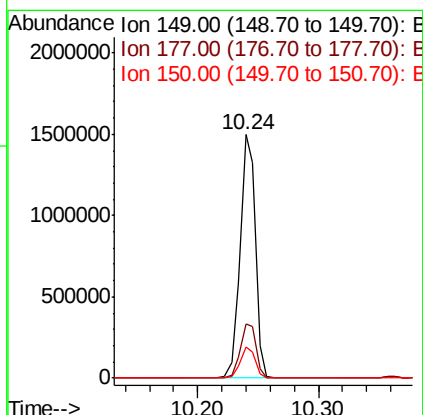
Instrument :
BNA_P
ClientSampleId :

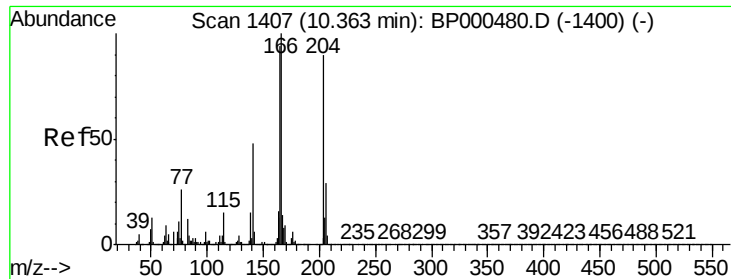
Tot Ion:	232	Resp:	359579
Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.1	48.1
130	2.0	1.6	2.4
166	28.6	23.0	34.4



#60
Diethylphthalate
Concen: 42.714 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:	149	Resp:	1313906
Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.0	28.6
150	12.9	10.8	16.2

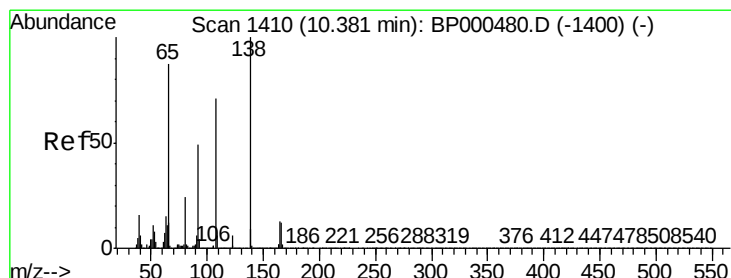
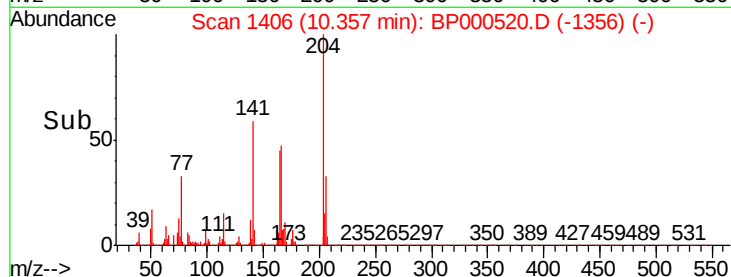
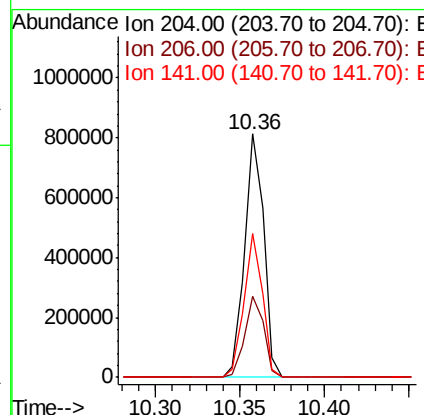
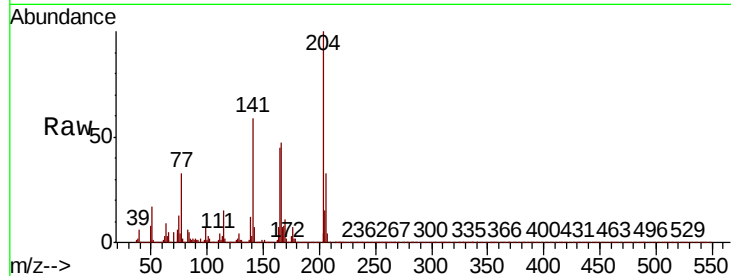




#61
4-Chlorophenyl-phenylether
Concen: 44.561 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

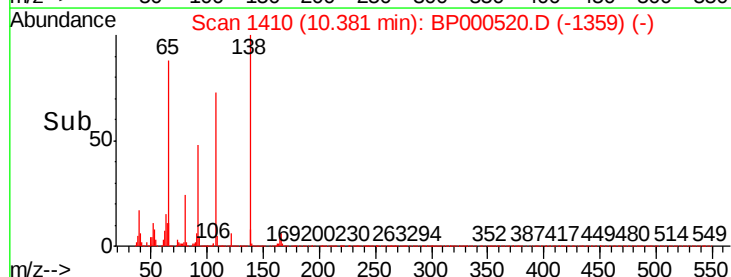
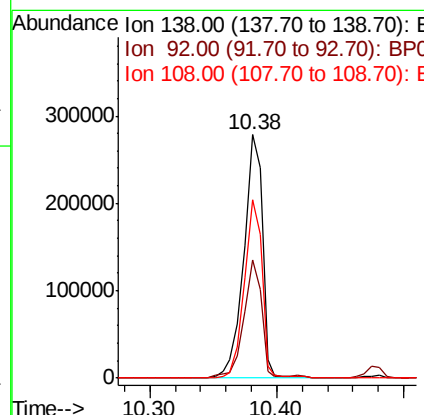
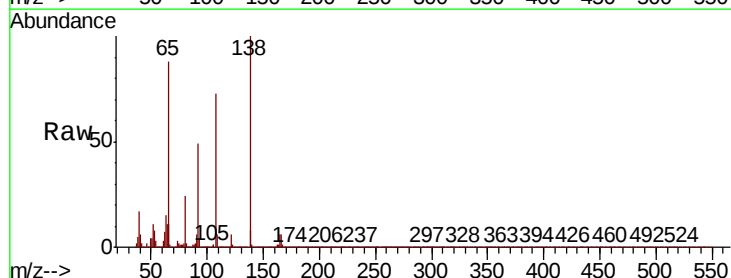
Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.8
141	59.3	42.8	64.2



#62
4-Nitroaniline
Concen: 36.221 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	28.7	68.7
108	73.4	50.6	90.6

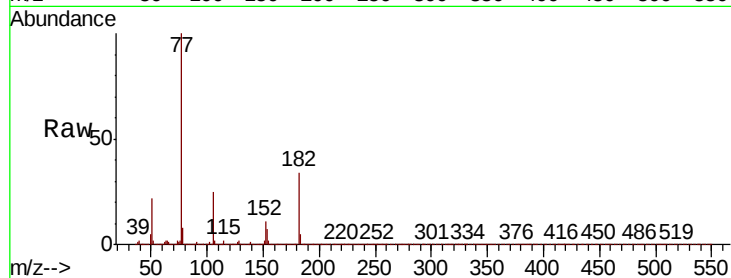




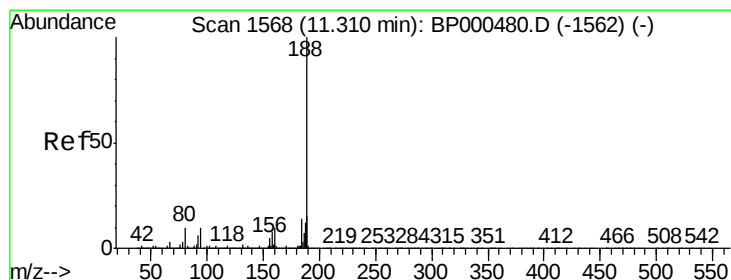
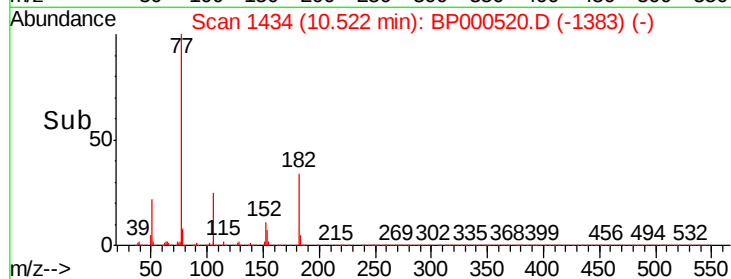
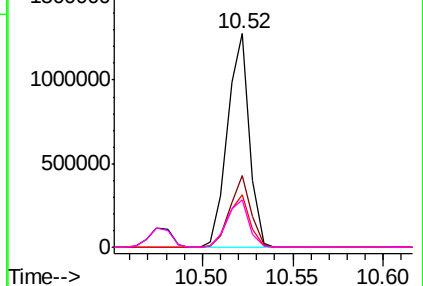
#63
Azobenzene
Concen: 45.193 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1067310
Ion Ratio Lower Upper
77 100
182 33.6 9.0 49.0
105 24.8 3.8 43.8
51 22.2 1.9 41.9

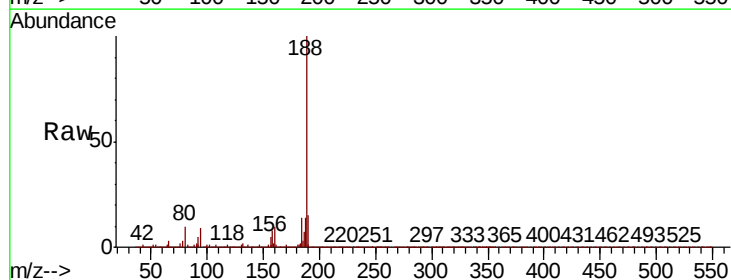


Abundance Ion 77.00 (76.70 to 77.70): BP0
2000000 Ion 182.00 (181.70 to 182.70): E
1500000 Ion 105.00 (104.70 to 105.70): E
1000000 Ion 51.00 (50.70 to 51.70): BP0
500000
0

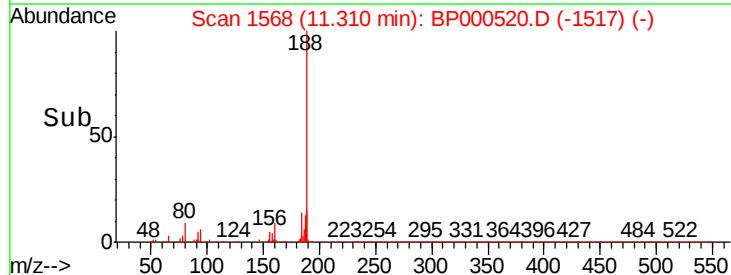
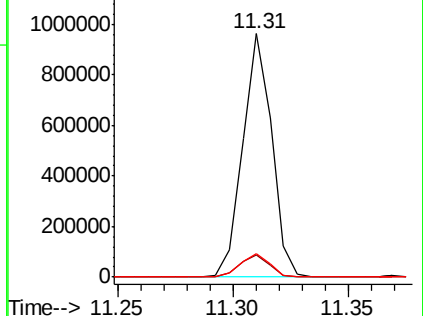


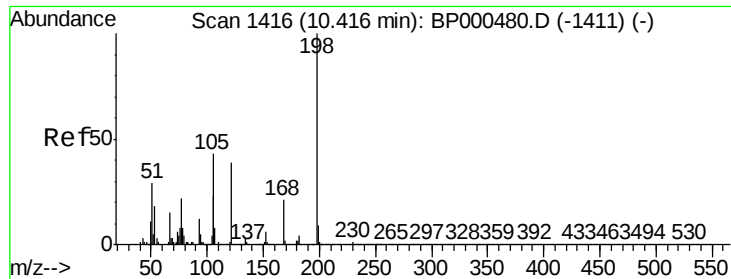
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion: 188 Resp: 843003
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.9 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BP0
1000000 Ion 80.00 (79.70 to 80.70): BP0
800000
600000
400000
200000
0

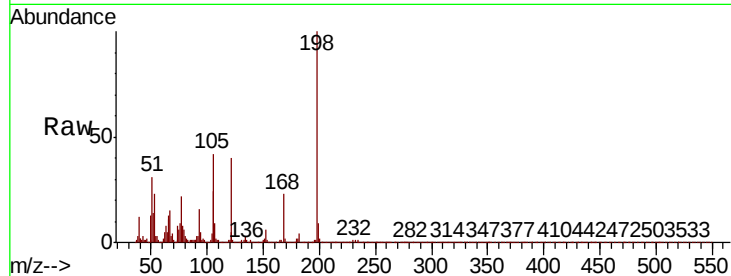




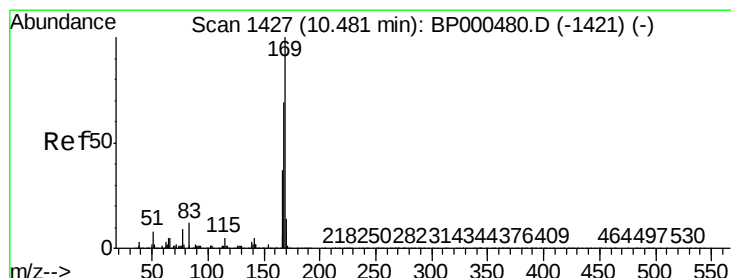
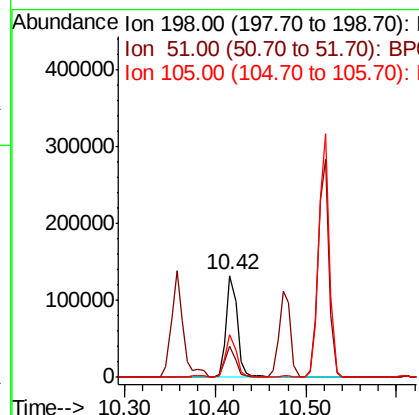
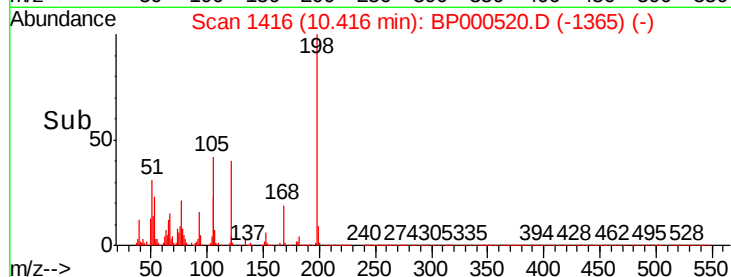
#65
4,6-Dinitro-2-methylphenol
Concen: 29.769 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 111245
Ion Ratio Lower Upper
198 100
51 30.9 12.8 52.8
105 42.1 24.0 64.0

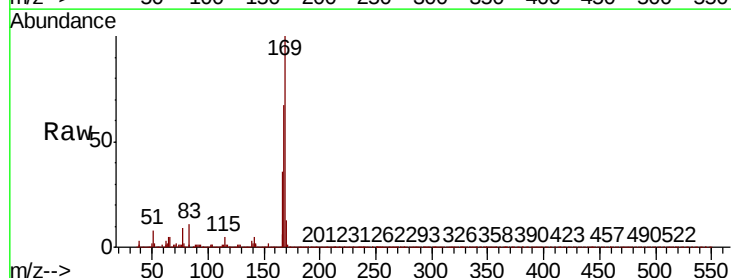


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

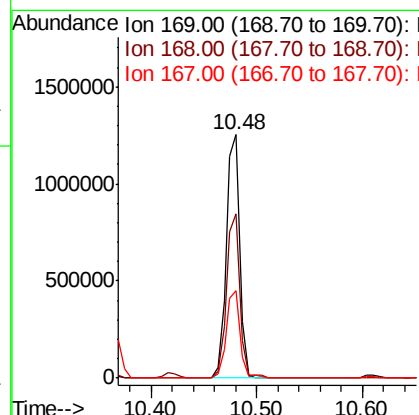
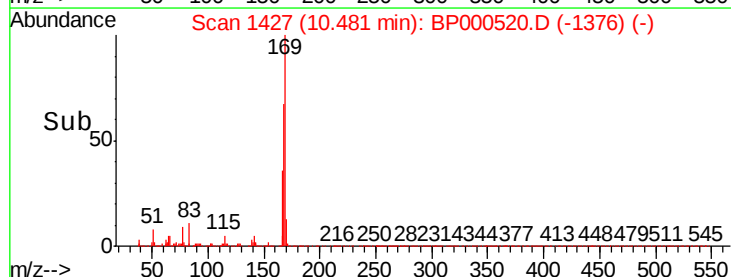


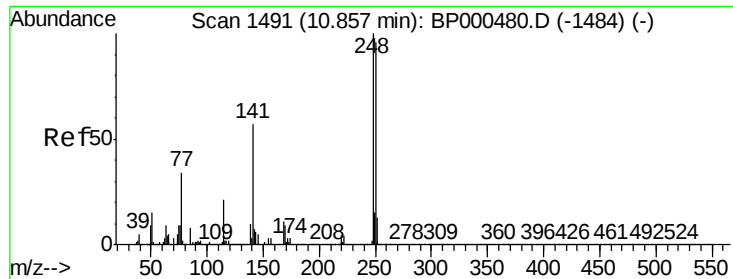
#66
n-Nitrosodiphenylamine
Concen: 45.594 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:169 Resp: 1119450
Ion Ratio Lower Upper
169 100
168 67.3 55.4 83.2
167 36.0 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

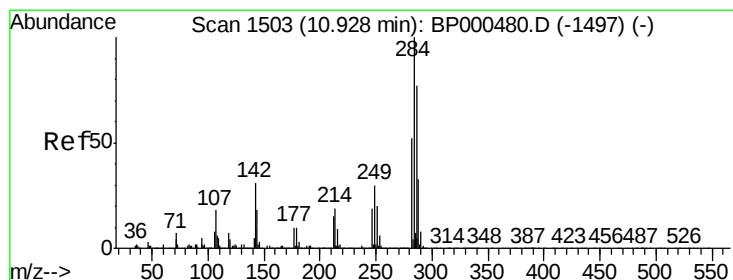
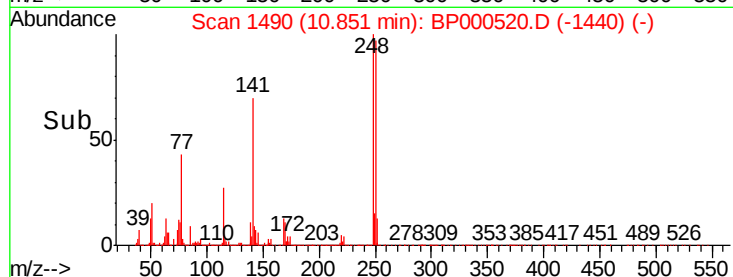
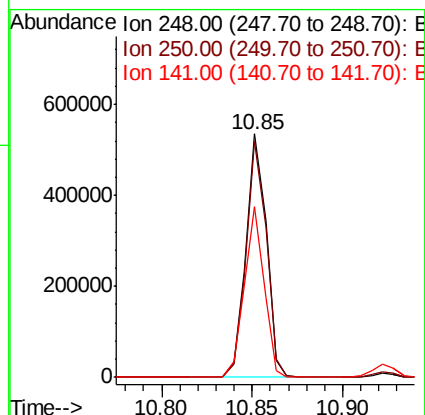
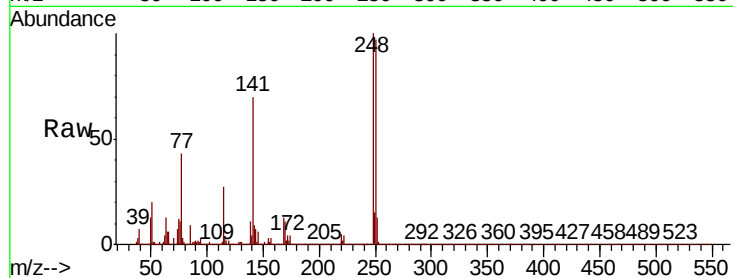




#67
4-Bromophenyl-phenylether
Concen: 44.236 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

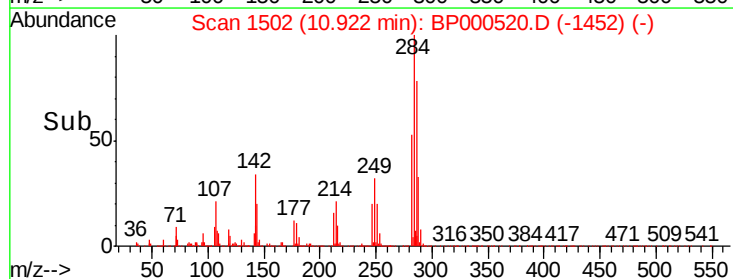
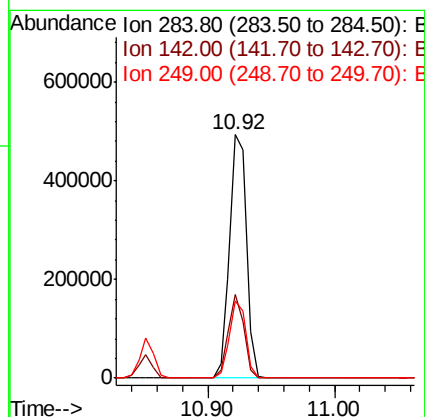
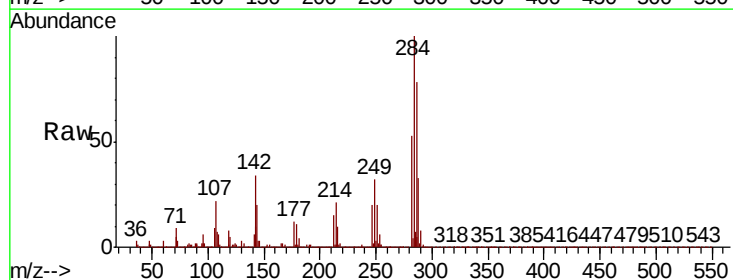
Instrument :
BNA_P
ClientSampleId :

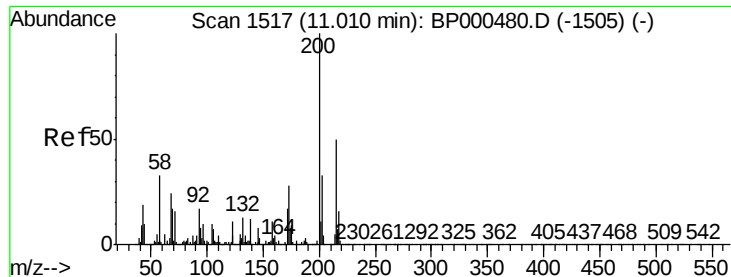
Tot Ion:248 Resp: 419770
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 70.1 45.3 67.9#



#68
Hexachlorobenzene
Concen: 42.118 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:284 Resp: 454184
Ion Ratio Lower Upper
284 100
142 34.4 24.6 37.0
249 31.6 24.1 36.1





#69

Atrazine

Concen: 43.813 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampled :

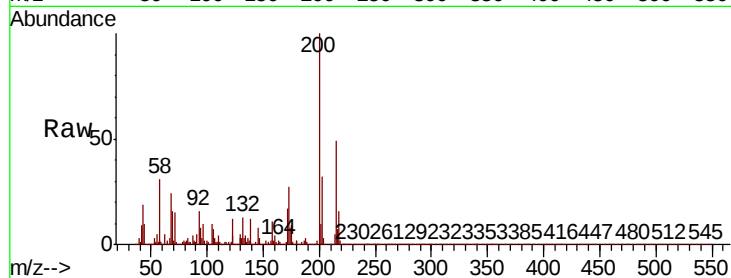
Tot Ion:200 Resp: 353018

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

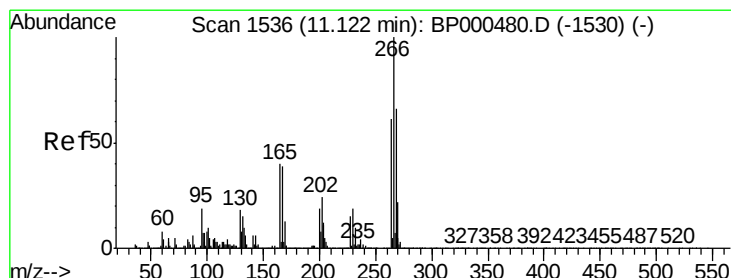
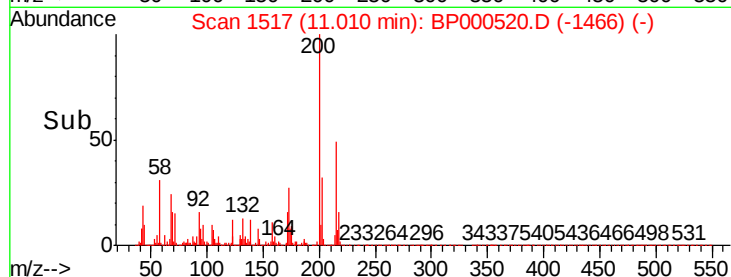
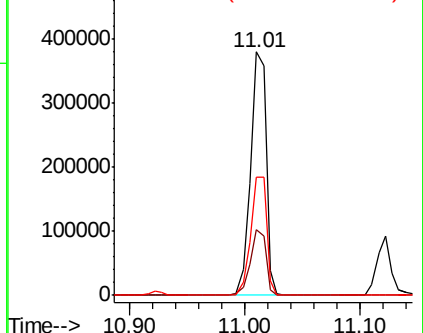
215 48.8 29.5 69.5



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: 107.159 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

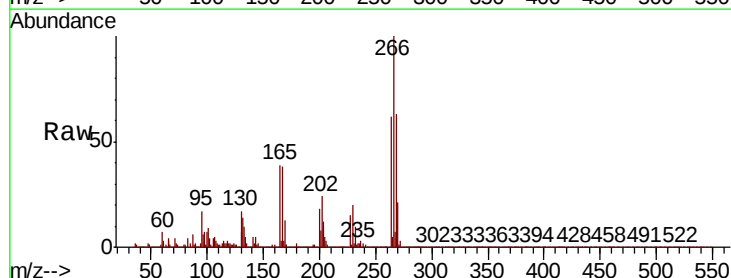
Tgt Ion:266 Resp: 464126

Ion Ratio Lower Upper

266 100

268 63.1 53.2 79.8

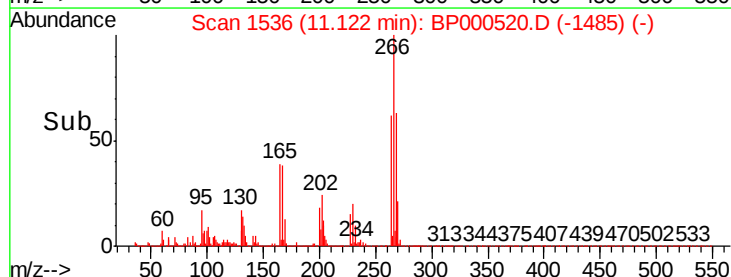
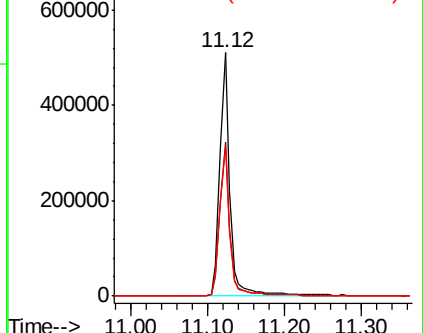
264 61.8 49.0 73.4

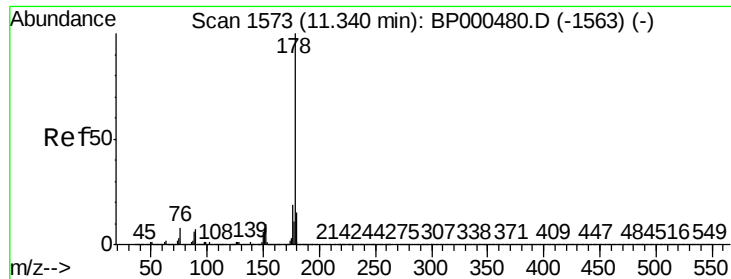


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

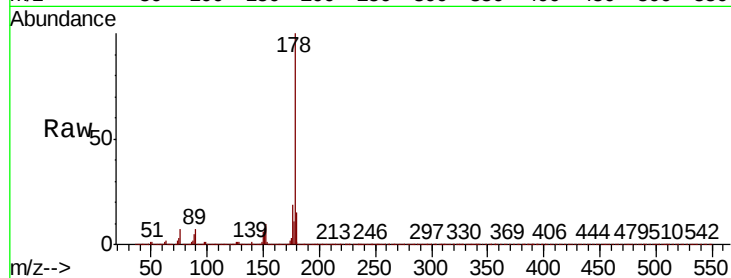




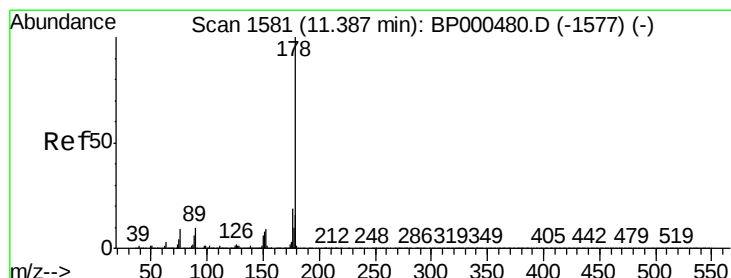
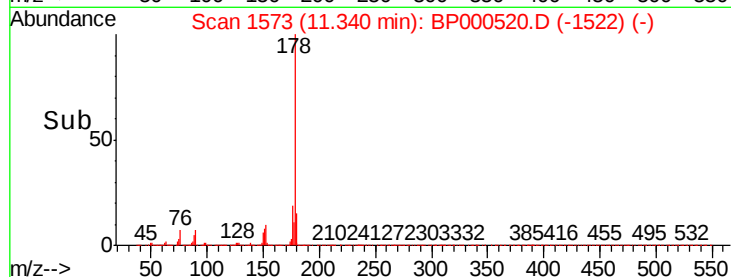
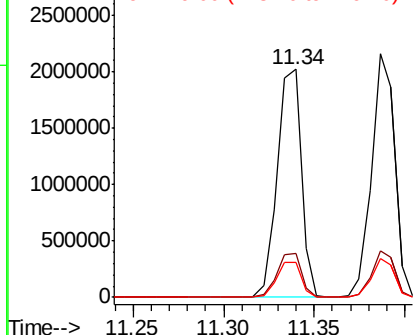
#71
Phenanthrene
Concen: 44.253 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampled :

Tot Ion:178 Resp: 1873575
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.1 12.2 18.4

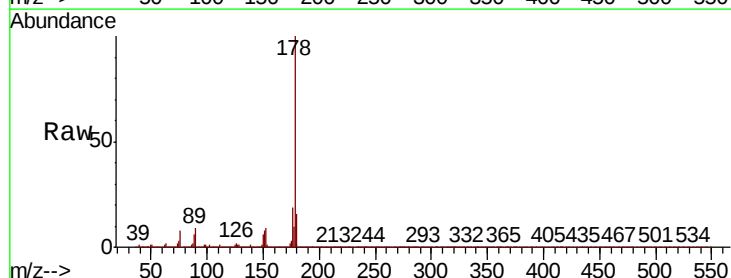


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

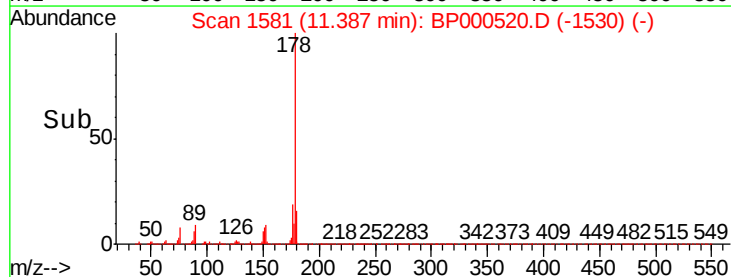
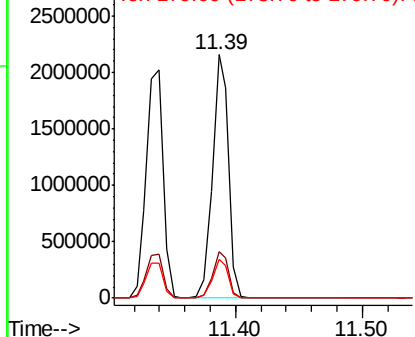


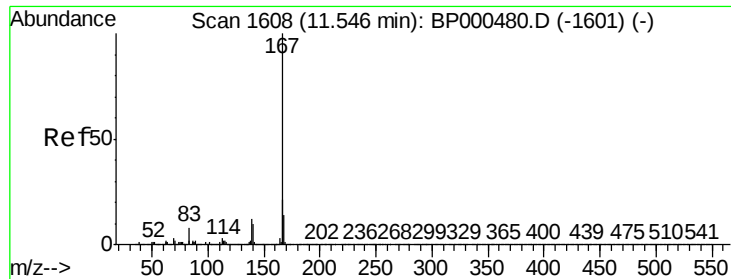
#72
Anthracene
Concen: 45.734 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:178 Resp: 1919853
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



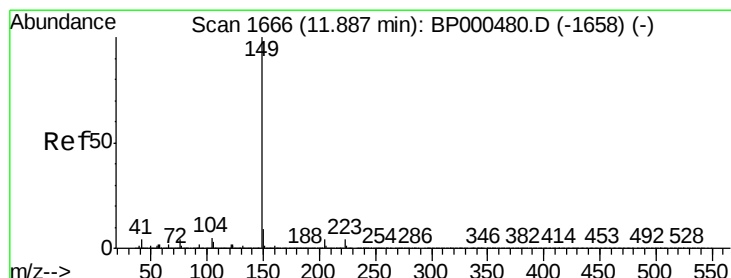
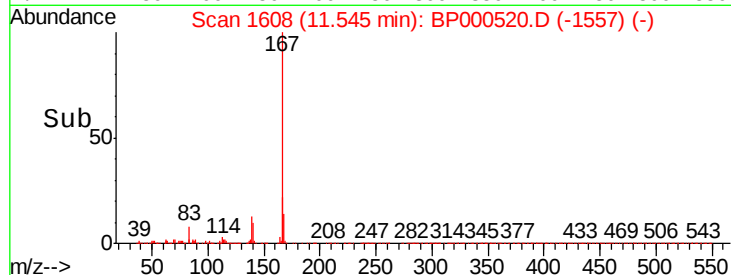
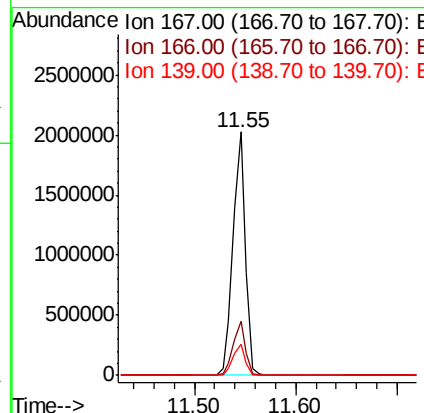
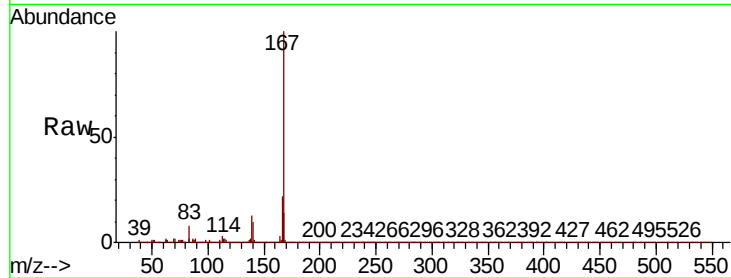


#73
 Carbazole
 Concen: 44.327 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1724940

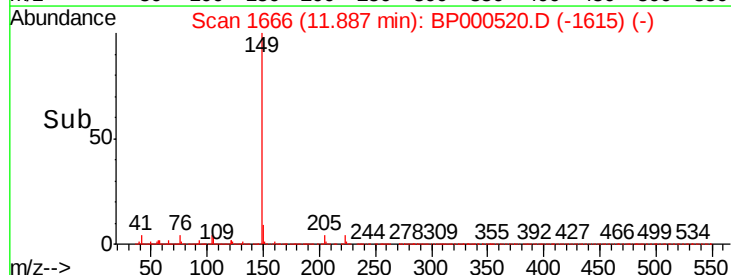
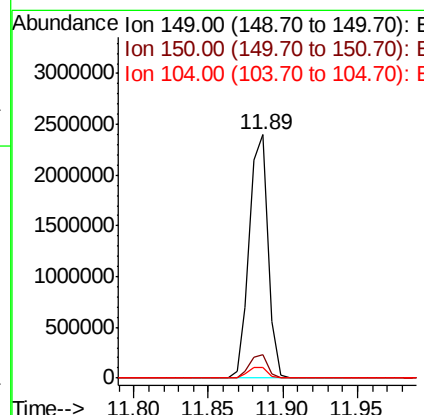
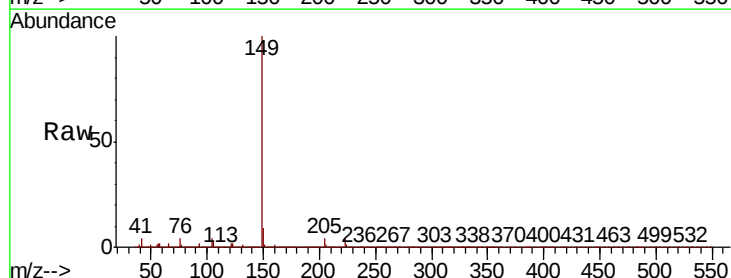
Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.8	9.7	14.5

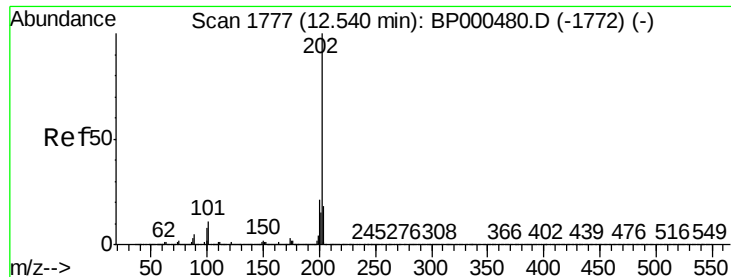


#74
 Di-n-butylphthalate
 Concen: 44.000 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BP000520.D
 Acq: 04 Oct 2019 20:25

Tgt Ion:149 Resp: 2085779

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 43.529 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

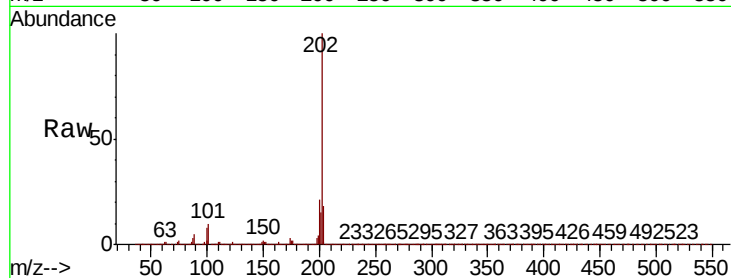
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2069787

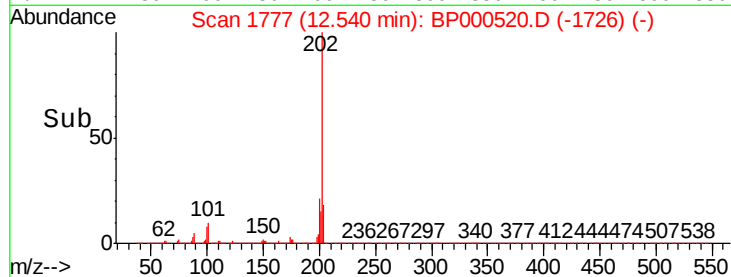
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.3
203	17.6	0.0	38.1



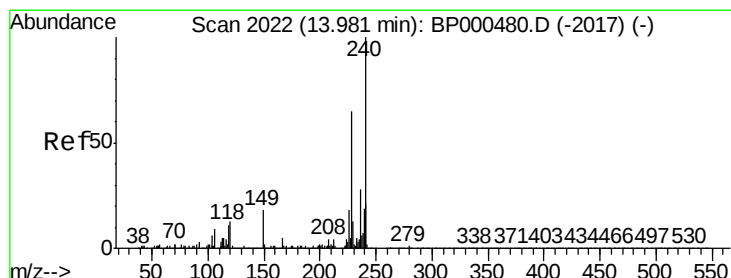
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

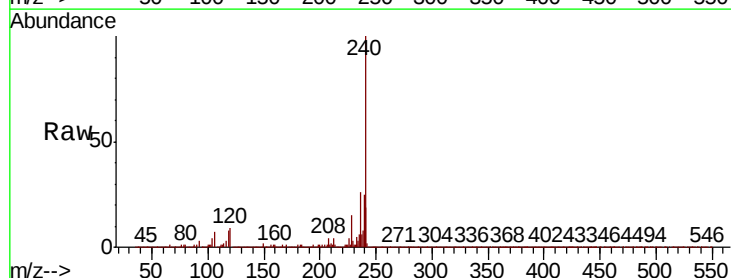
Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:240 Resp: 614640

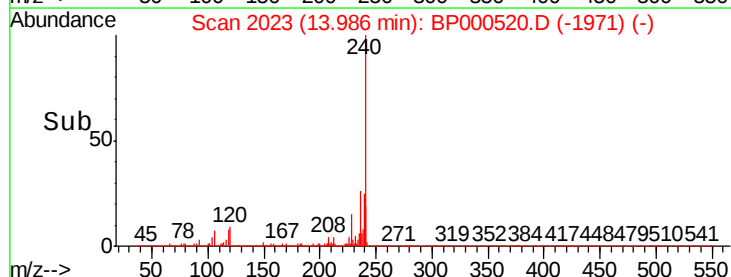
Ion	Ratio	Lower	Upper
240	100		
120	9.2	10.1	15.1#
236	26.2	22.7	34.1



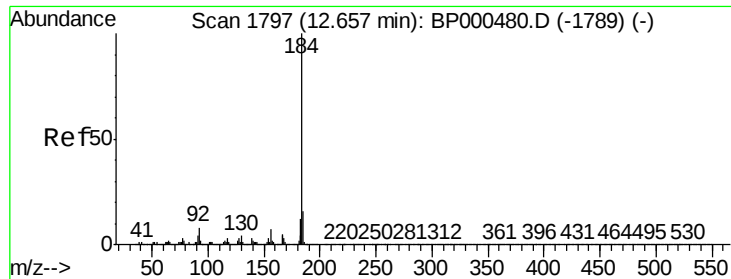
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



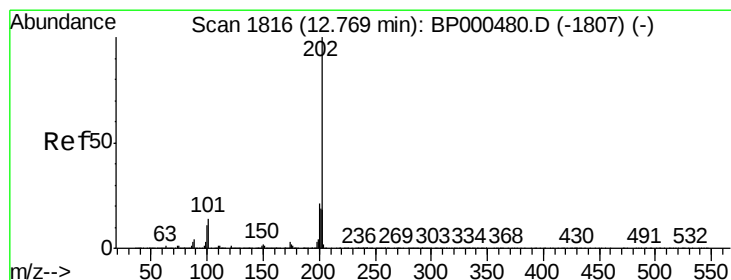
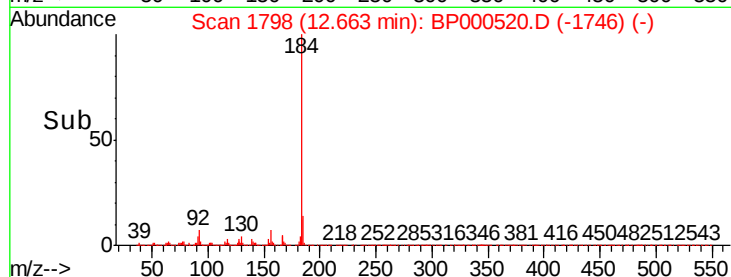
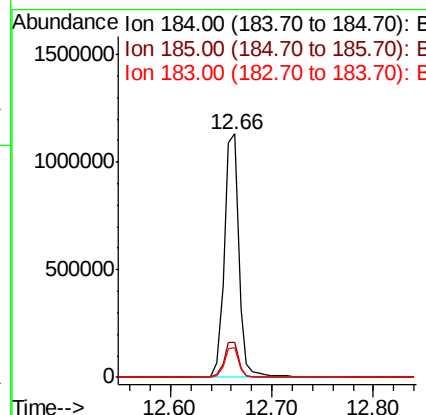
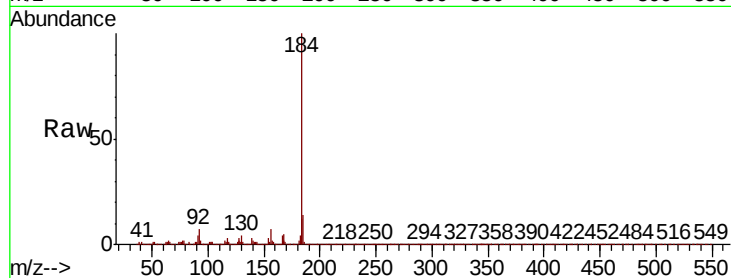
Time-->



#77
Benzidine
Concen: 63.389 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

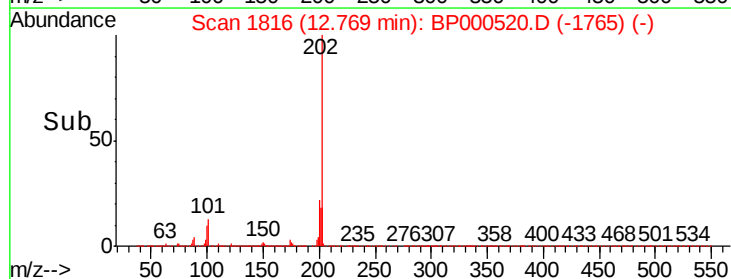
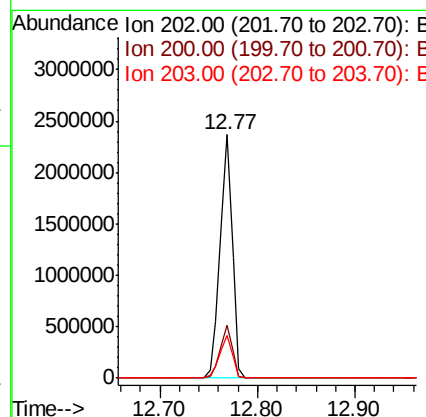
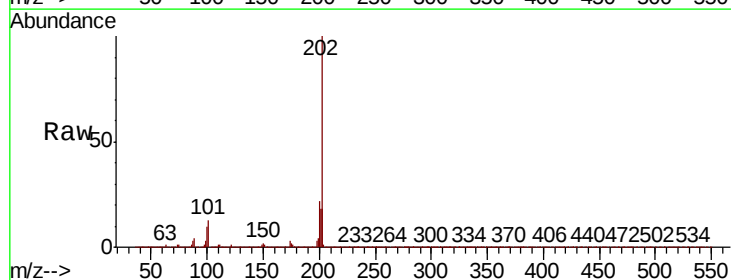
Instrument :
BNA_P
ClientSampleId :

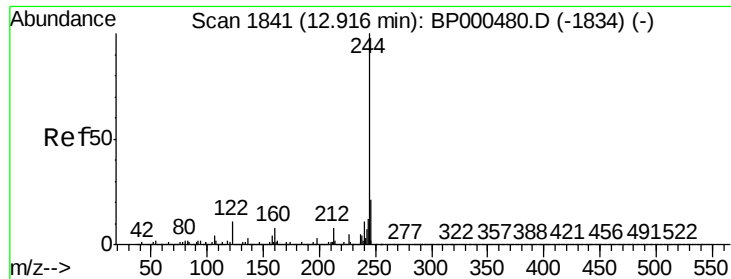
Tot Ion:184 Resp: 1128219
Ion Ratio Lower Upper
184 100
185 14.4 12.7 19.1
183 12.1 9.7 14.5



#78
Pyrene
Concen: 49.233 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:202 Resp: 2087052
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 66.308 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

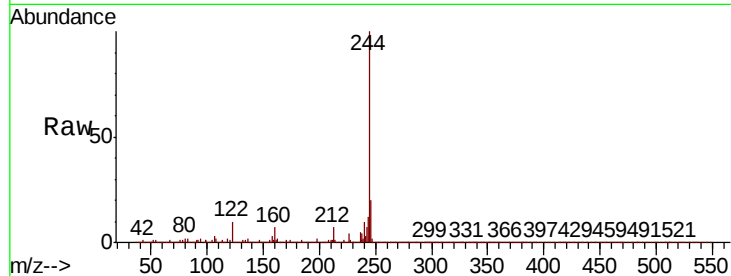
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2012900

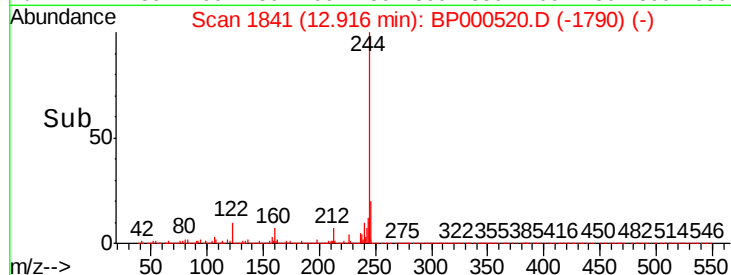
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.5	8.9	13.3



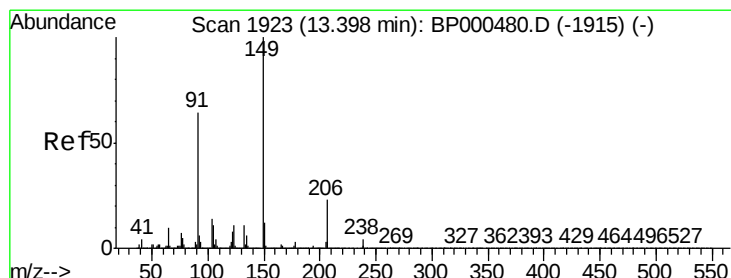
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10



#80

Butylbenzylphthalate

Concen: 45.957 ng

RT: 13.40 min Scan# 1923

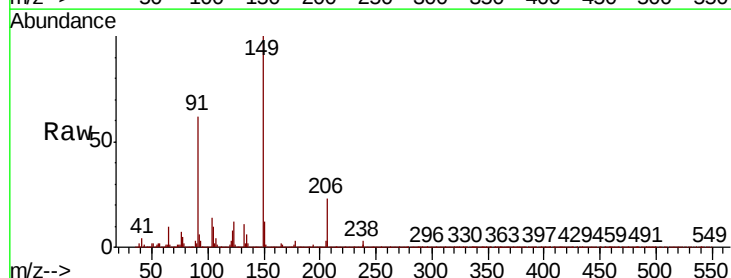
Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:149 Resp: 848937

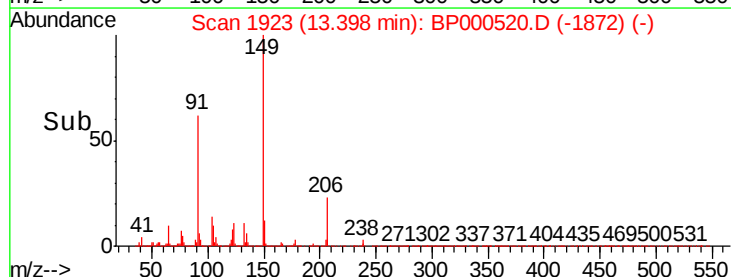
Ion	Ratio	Lower	Upper
149	100		
91	62.2	51.0	76.4
206	22.6	18.2	27.4



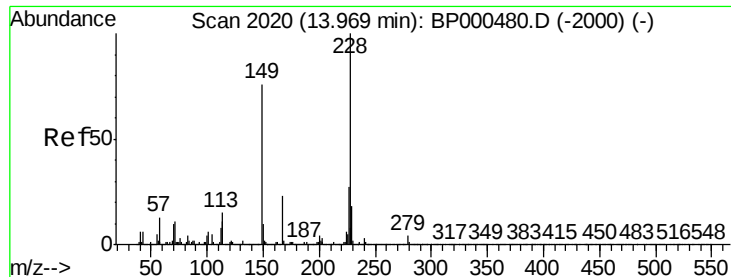
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



Time--> 13.30 13.35 13.40 13.45



#81

Benzo(a)anthracene

Concen: 44.838 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

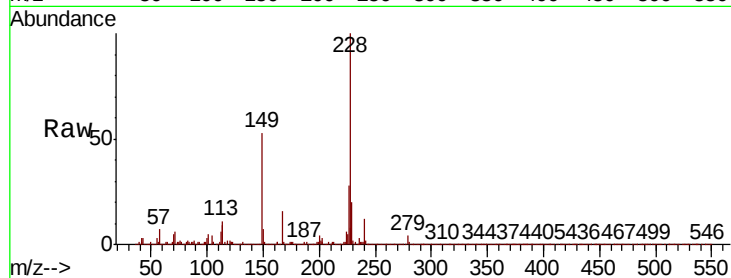
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1681507

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

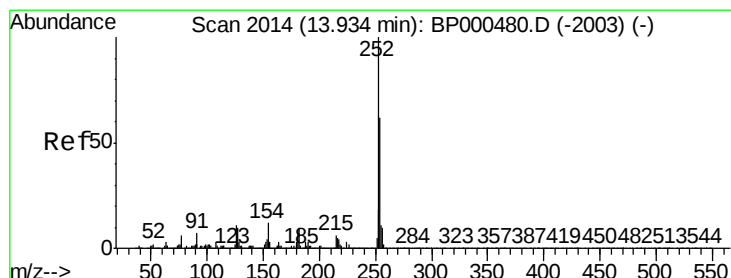
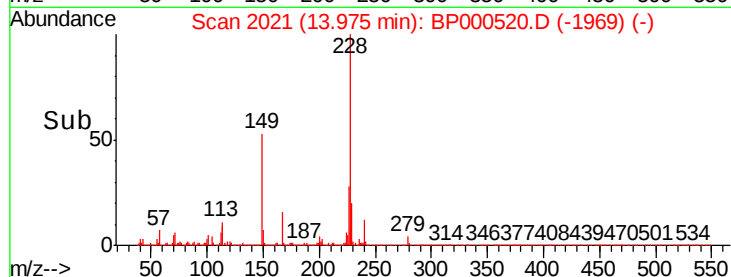
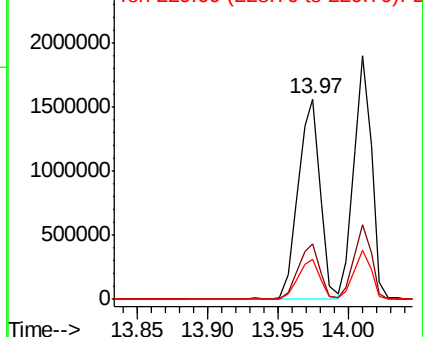


Abundance

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: 42.320 ng

RT: 13.93 min Scan# 2014

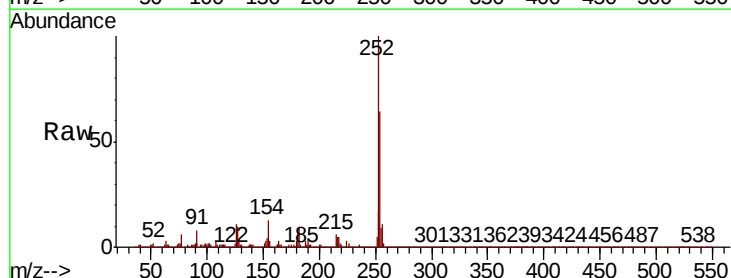
Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Tgt Ion:252 Resp: 630400

Ion	Ratio	Lower	Upper
252	100		
254	64.1	49.8	74.8
126	10.6	8.9	13.3

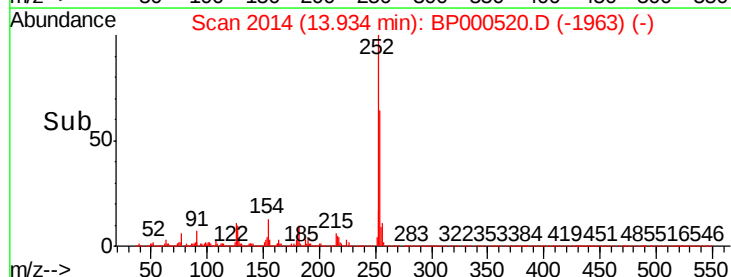
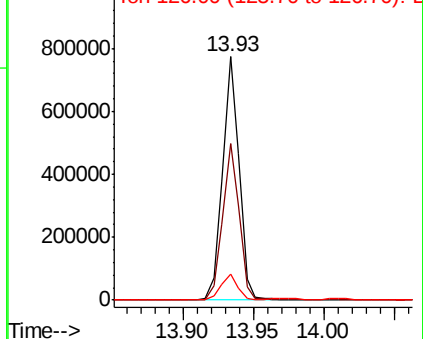


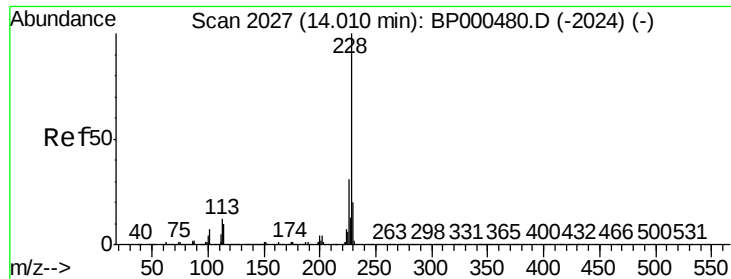
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

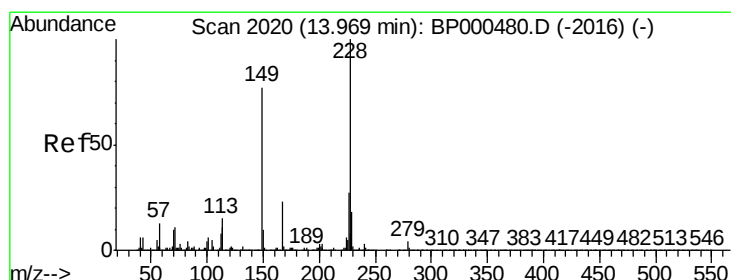
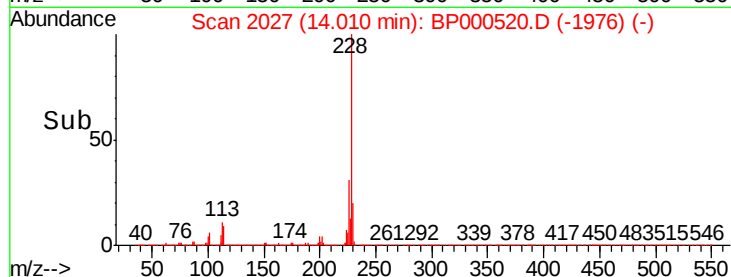
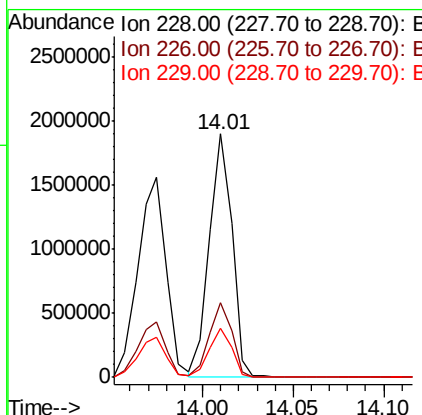
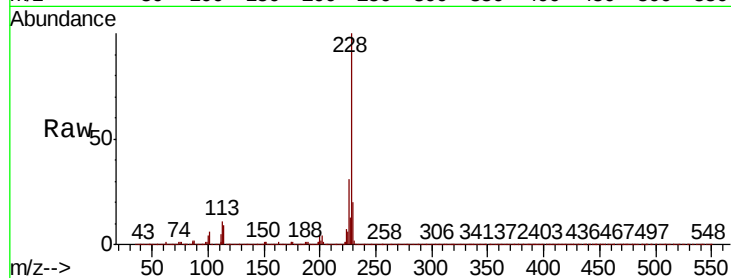




#83
Chrysene
Concen: 45.142 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

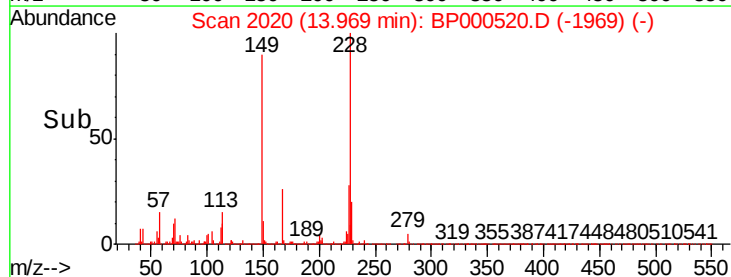
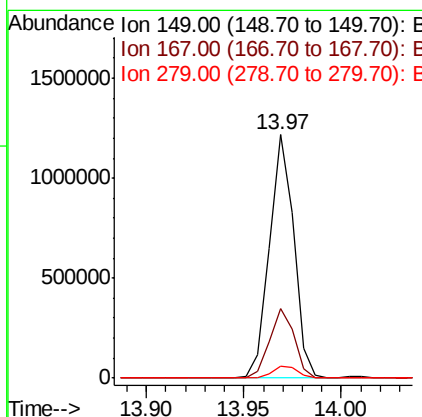
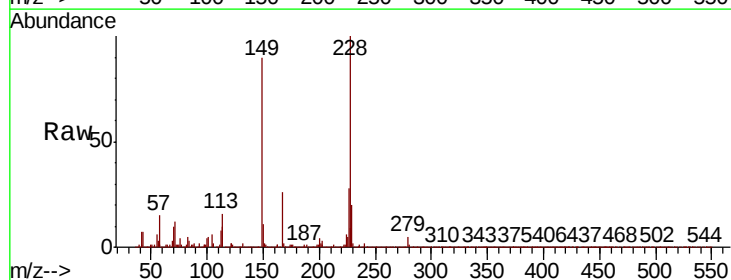
Instrument :
BNA_P
ClientSampled :

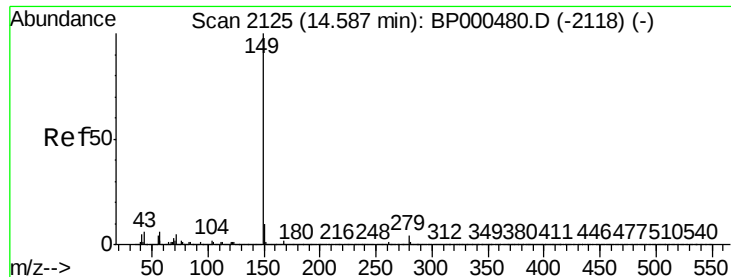
Tot Ion:228 Resp: 1661564
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 20.1 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.354 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:149 Resp: 1053684
Ion Ratio Lower Upper
149 100
167 28.5 23.6 35.4
279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 45.714 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampleId :

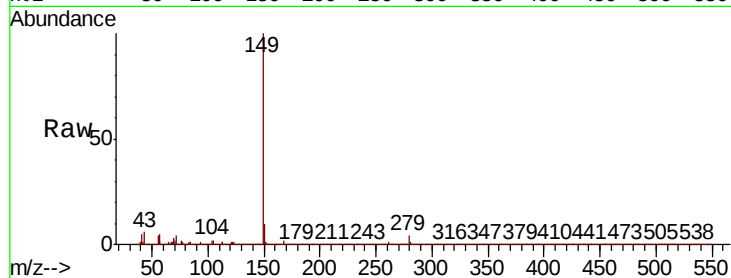
Tot Ion:149 Resp: 1925020

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

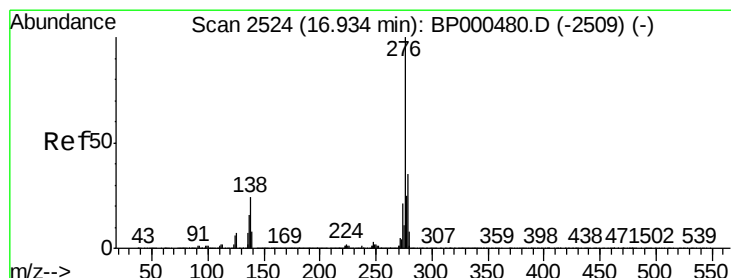
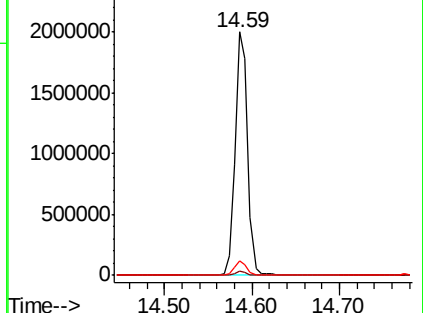
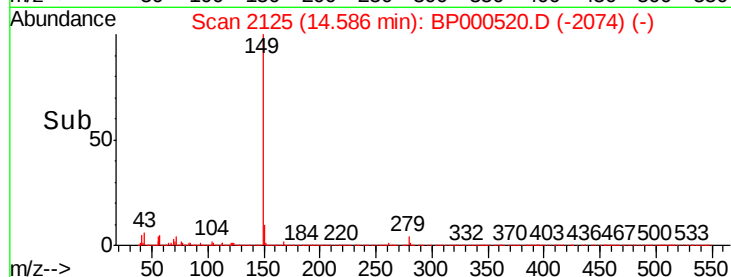
43 5.4 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.988 ng

RT: 16.95 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

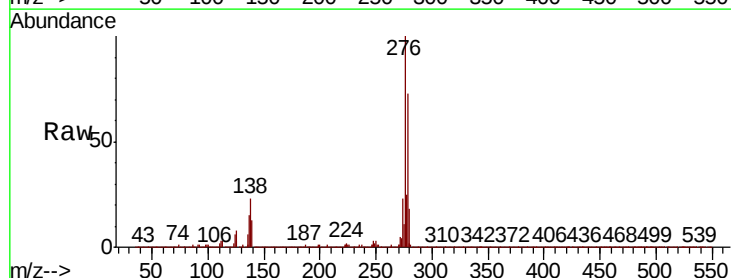
Tgt Ion:276 Resp: 2114434

Ion Ratio Lower Upper

276 100

138 23.4 20.9 31.3

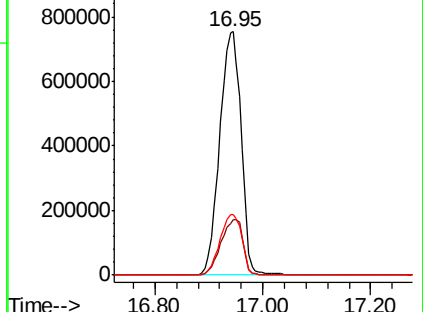
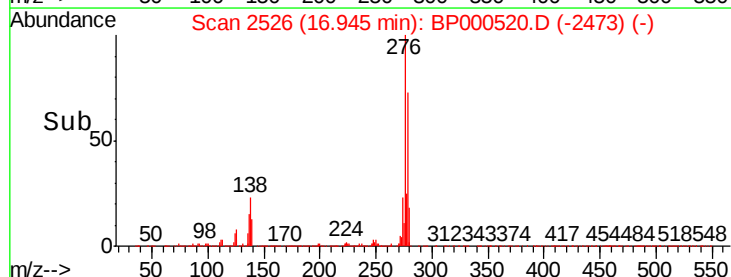
277 25.6 20.6 30.8

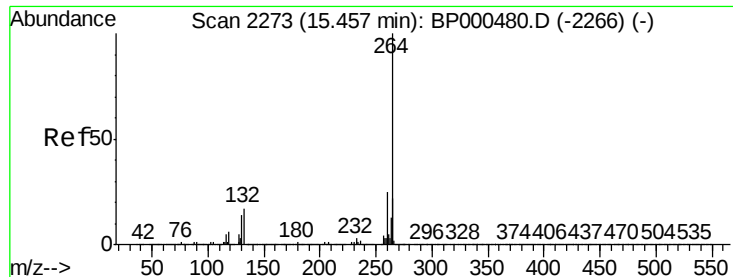


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

Instrument :

BNA_P

ClientSampleId :

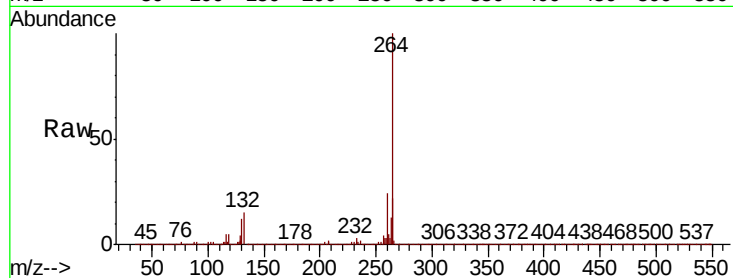
Tot Ion:264 Resp: 740078

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

265 21.7 18.0 27.0

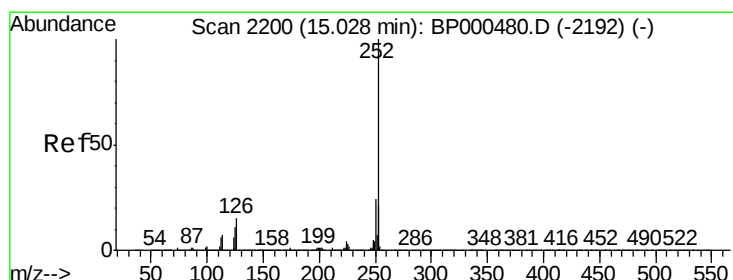
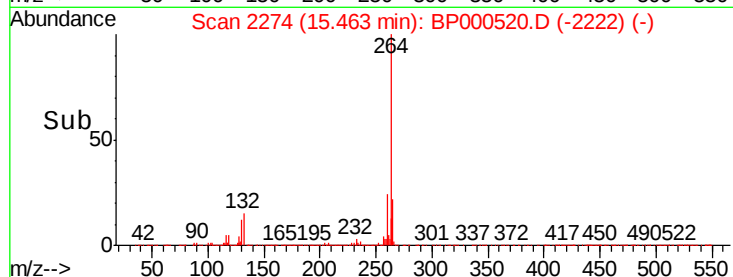
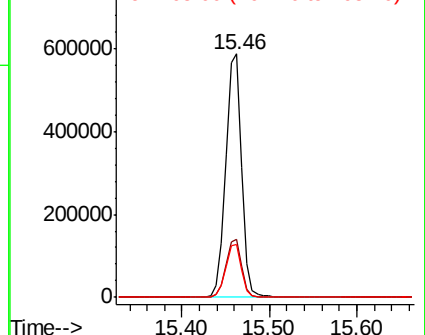


Abundance

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: 43.645 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BP000520.D

Acq: 04 Oct 2019 20:25

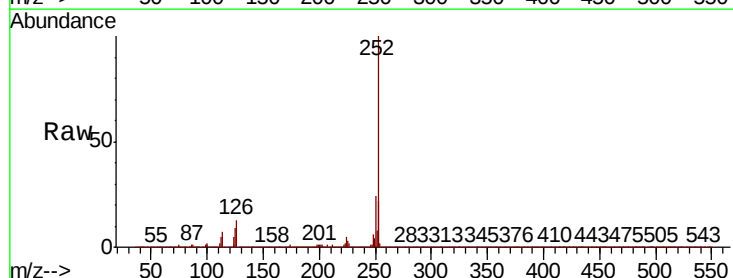
Tgt Ion:252 Resp: 1832517

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 9.4 8.9 13.3

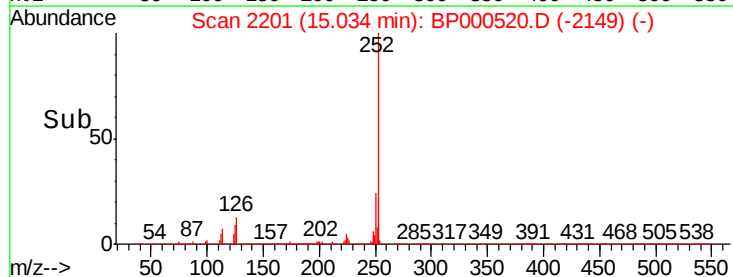
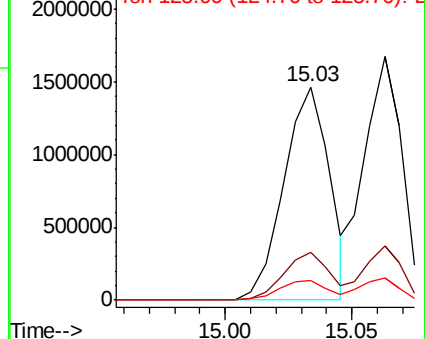


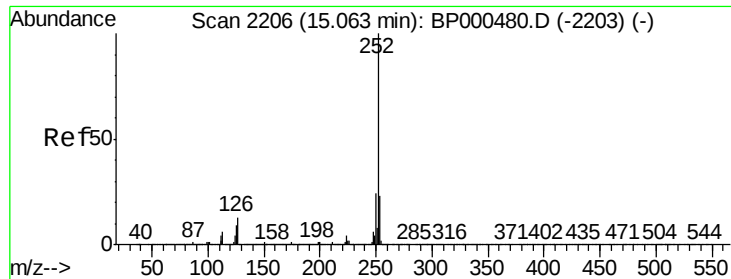
Abundance

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

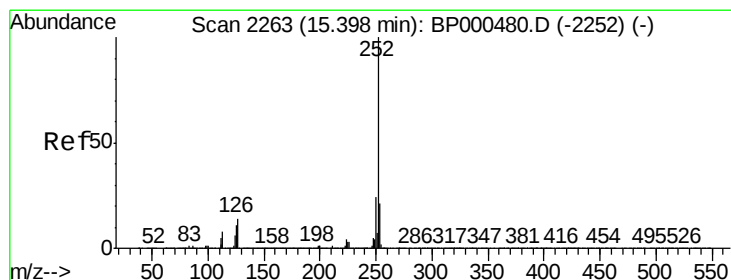
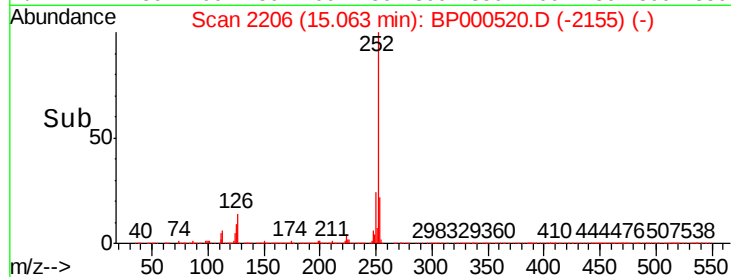
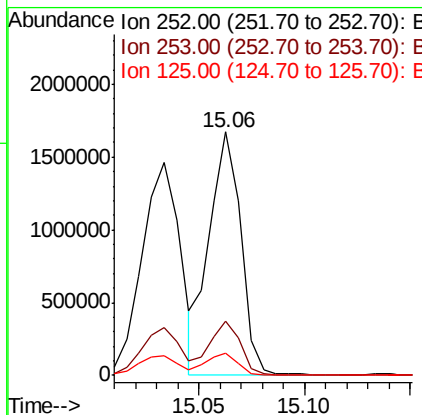
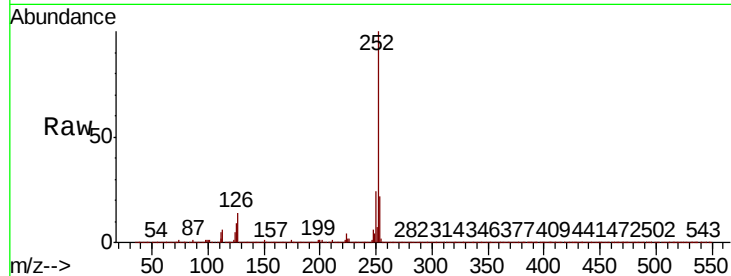




#89
Benzo(k)fluoranthene
Concen: 43.627 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

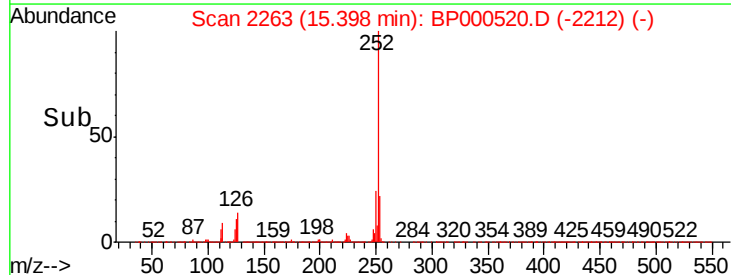
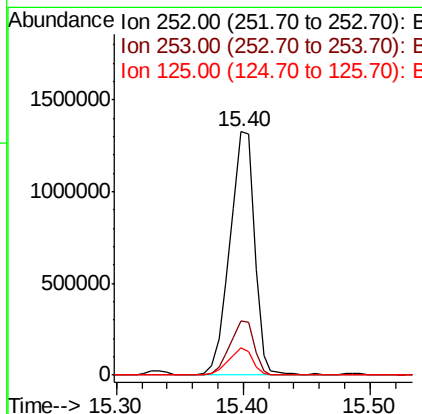
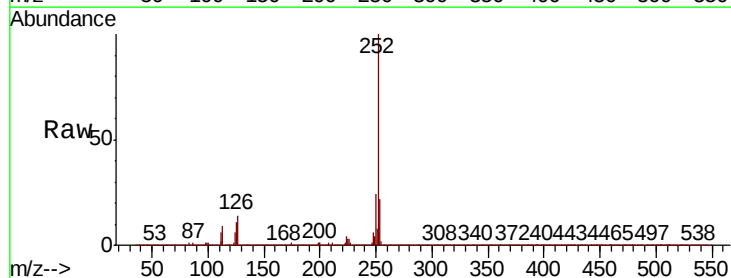
Instrument :
BNA_P
ClientSampleId :

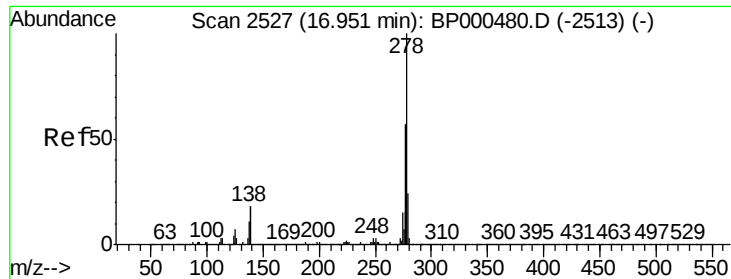
Tot Ion:252 Resp: 1743918
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 9.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:252 Resp: 1783856
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.0 8.4 12.6



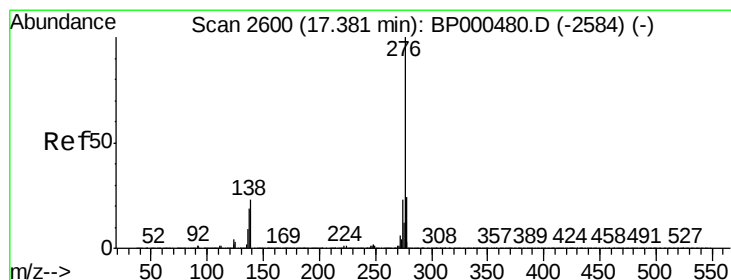
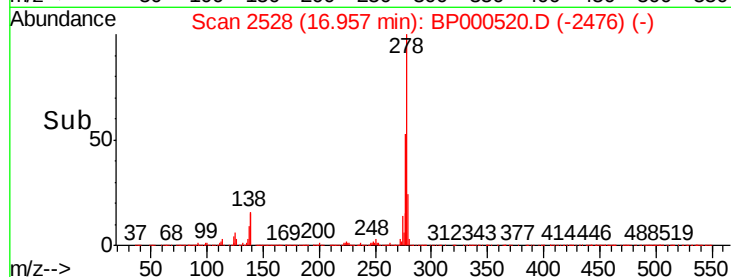
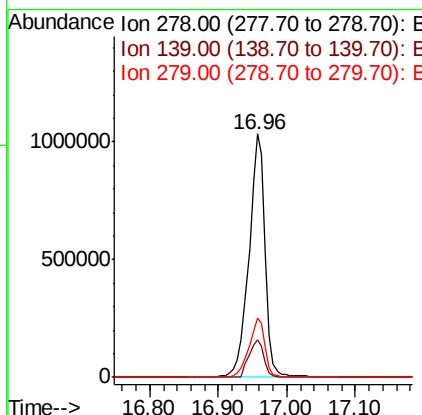
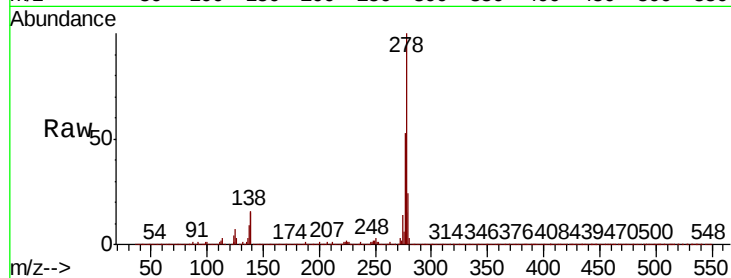


#91
Dibenzo(a,h)anthracene
Concen: 45.036 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1709566

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.1	21.1
279	24.2	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 45.575 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.01 min
Lab File: BP000520.D
Acq: 04 Oct 2019 20:25

Tgt Ion:276 Resp: 1757966

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.2
138	20.4	18.5	27.7

