

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000509.D
 Acq On : 04 Oct 2019 16:00
 Operator : JU
 Sample : PB123656BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:38:22 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	189029	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	652043	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	432162	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	808634	20.00	ng	0.00
76) Chrysene-d12	13.99	240	691900	20.00	ng	0.00
87) Perylene-d12	15.46	264	470756	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1217009	103.49	ng	0.00
7) Phenol-d6	6.41	99	1402759	98.99	ng	0.00
23) Nitrobenzene-d5	7.33	82	725248	67.93	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	542973	117.90	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1728875	64.73	ng	0.00
79) Terphenyl-d14	12.92	244	2188122	64.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	205090	43.673	ng	98
3) Pyridine	3.23	79	467257	36.418	ng	100
4) n-Nitrosodimethylamine	3.18	42	156862	43.446	ng	99
6) Aniline	6.43	93	569788	33.097	ng	# 80
8) 2-Chlorophenol	6.56	128	511026	44.032	ng	96
9) Benzaldehyde	6.31	77	224594	30.427	ng	99
10) Phenol	6.42	94	584276	40.270	ng	89
11) bis(2-Chloroethyl)ether	6.50	93	457831	41.015	ng	97
12) 1,3-Dichlorobenzene	6.71	146	568513	40.410	ng	99
13) 1,4-Dichlorobenzene	6.79	146	576106	40.695	ng	98
14) 1,2-Dichlorobenzene	6.94	146	524484	40.128	ng	100
15) Benzyl Alcohol	6.91	79	395290	43.193	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	371890	36.118	ng	98
17) 2-Methylphenol	7.03	107	396468	41.335	ng	98
18) Hexachloroethane	7.28	117	195549	38.812	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	251866	38.560	ng	99
20) 3+4-Methylphenols	7.18	107	470443	41.917	ng	# 78
22) Acetophenone	7.18	105	640355	42.502	ng	# 98
24) Nitrobenzene	7.35	77	447721	43.482	ng	99
25) Isophorone	7.59	82	823386	43.456	ng	98
26) 2-Nitrophenol	7.66	139	237877	43.930	ng	97
27) 2,4-Dimethylphenol	7.70	122	394406	47.517	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	513654	39.891	ng	100
29) 2,4-Dichlorophenol	7.91	162	417014	44.434	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	462447	41.956	ng	99
31) Naphthalene	8.08	128	1272341	41.781	ng	99
32) Benzoic acid	7.82	122	166850	31.835	ng	99
33) 4-Chloroaniline	8.12	127	430246	32.177	ng	98
34) Hexachlorobutadiene	8.19	225	276161	41.459	ng	100
35) Caprolactam	8.48	113	73331	23.328	ng	95
36) 4-Chloro-3-methylphenol	8.61	107	430435	46.827	ng	99
37) 2-Methylnaphthalene	8.77	142	868765	42.497	ng	99
38) 1-Methylnaphthalene	8.86	142	924678	47.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	510976	37.356	ng	99

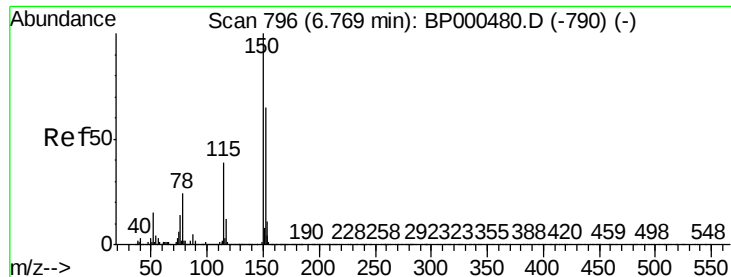
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	399351	73.582	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	320804	38.099	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	336970	38.760	ng	99
46) 1,1'-Biphenyl	9.23	154	1192199	36.548	ng	97
47) 2-Chloronaphthalene	9.26	162	939055	37.228	ng	98
48) 2-Nitroaniline	9.35	65	212598	34.813	ng	94
49) Acenaphthylene	9.67	152	1458016	38.312	ng	98
50) Dimethylphthalate	9.53	163	1137684	37.887	ng	99
51) 2,6-Dinitrotoluene	9.59	165	252681	38.587	ng	94
52) Acenaphthene	9.85	154	922714	39.971	ng	99
53) 3-Nitroaniline	9.76	138	242009	32.253	ng	95
54) 2,4-Dinitrophenol	9.87	184	191370	87.579	ng	97
55) Dibenzofuran	10.02	168	1460978	42.337	ng	100
56) 4-Nitrophenol	9.94	139	419712	87.615	ng	97
57) 2,4-Dinitrotoluene	10.00	165	374065	43.082	ng	99
58) Fluorene	10.37	166	1094887	44.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	324825	44.199	ng	98
60) Diethylphthalate	10.24	149	1177821	41.319	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	583516	44.121	ng	96
62) 4-Nitroaniline	10.39	138	305969	42.399	ng	96
63) Azobenzene	10.52	77	922833	42.167	ng	94
65) 4,6-Dinitro-2-methylphenol	10.42	198	166899	46.560	ng	97
66) n-Nitrosodiphenylamine	10.48	169	1006846	42.751	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	385012	42.297	ng	# 93
68) Hexachlorobenzene	10.92	284	422993	40.893	ng	95
69) Atrazine	11.01	200	325106	42.064	ng	98
70) Pentachlorophenol	11.12	266	428166	103.058	ng	97
71) Phenanthrene	11.33	178	1682890	41.439	ng	99
72) Anthracene	11.39	178	1709739	42.459	ng	99
73) Carbazole	11.55	167	1548752	41.491	ng	98
74) Di-n-butylphthalate	11.88	149	1678537	36.914	ng	99
75) Fluoranthene	12.54	202	1903267	41.728	ng	98
77) Benzidine	12.66	184	563976	28.149	ng	99
78) Pyrene	12.77	202	1981170	41.516	ng	99
80) Butylbenzylphthalate	13.40	149	842622	40.522	ng	97
81) Benzo(a)anthracene	13.97	228	1735780	41.117	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	631821	37.679	ng	97
83) Chrysene	14.01	228	1731617	41.792	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1050069	40.151	ng	99
85) Di-n-octyl phthalate	14.59	149	1747574	36.866	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1472915	28.458	ng	# 92
88) Benzo(b)fluoranthene	15.03	252	1825272	68.344	ng	97
89) Benzo(k)fluoranthene	15.06	252	1811252	71.235	ng	99
90) Benzo(a)pyrene	15.40	252	1235469	49.625	ng	# 97
91) Dibenzo(a,h)anthracene	16.96	278	1221109	50.572	ng	# 95
92) Benzo(g,h,i)perylene	17.39	276	1233821	50.286	ng	# 92

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

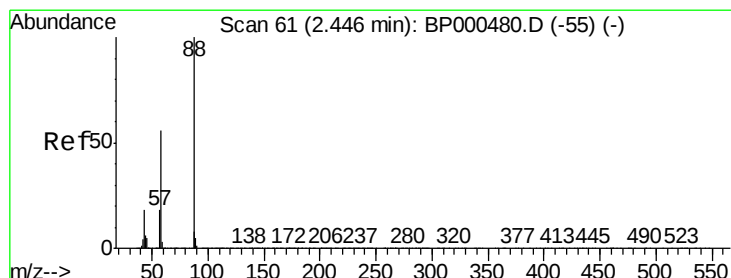
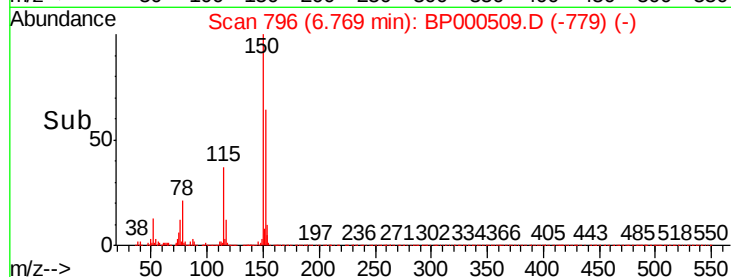
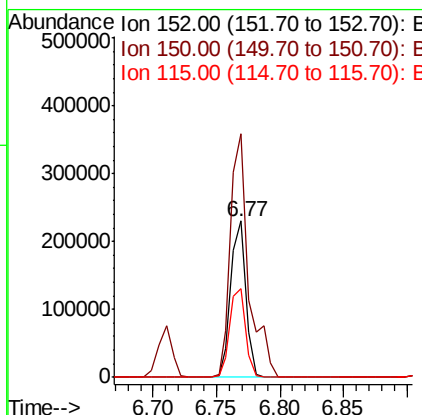
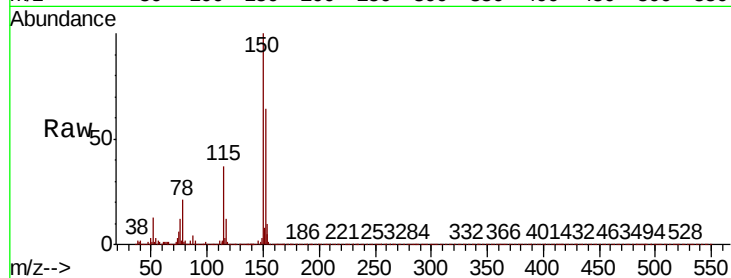


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

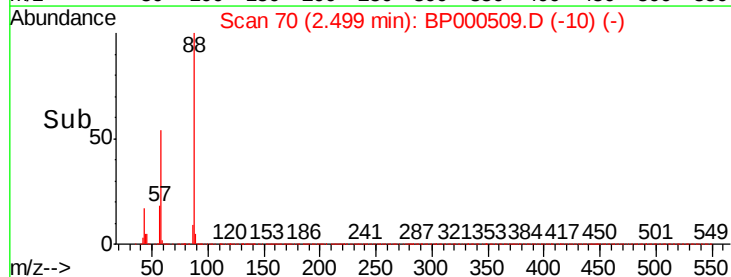
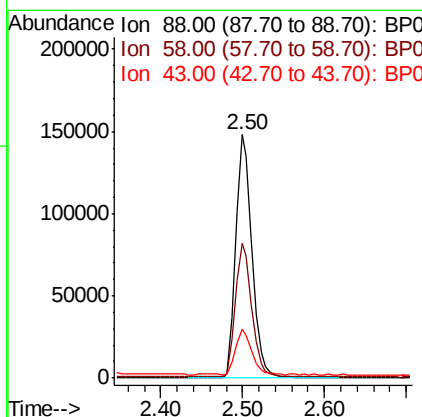
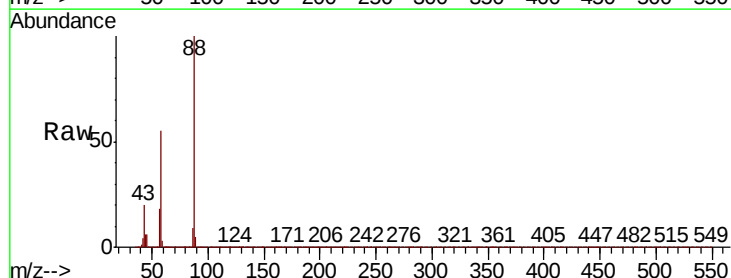
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.1	186.1
115	57.1	48.7	73.1

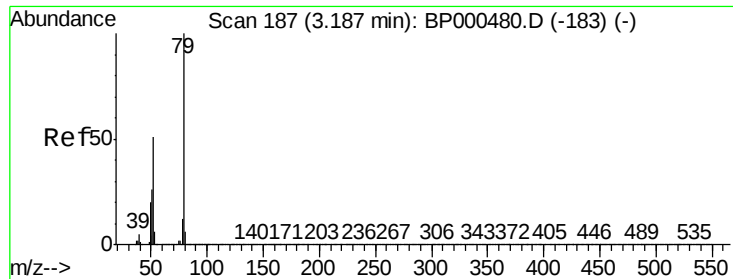


#2

1,4-Dioxane
Concen: 43.673 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.05 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	45.3	67.9
43	19.0	14.5	21.7

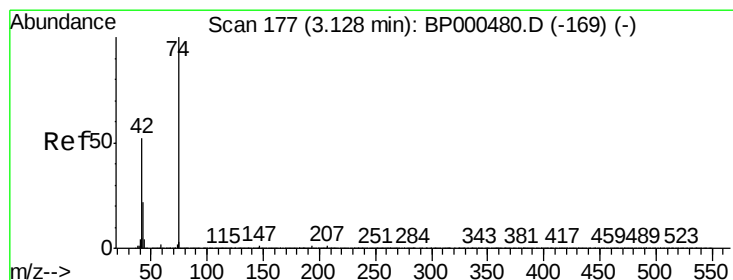
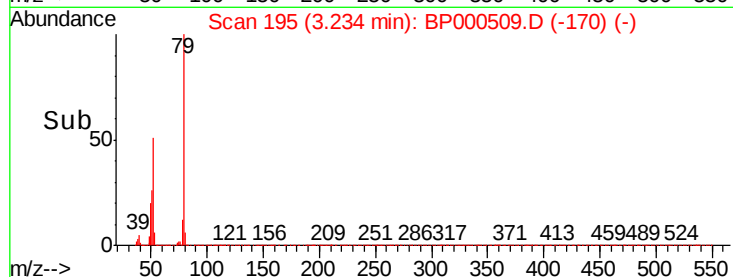
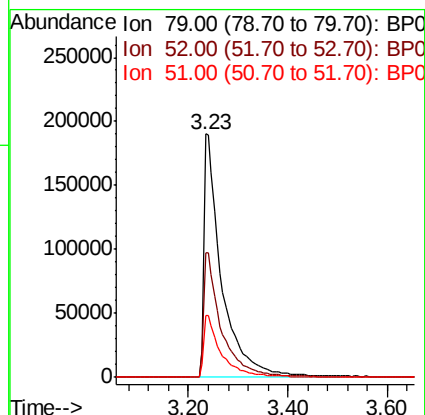
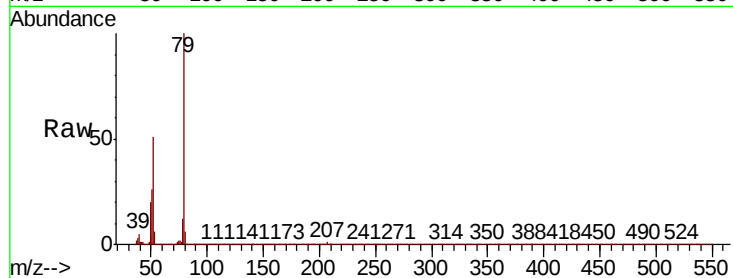




#3
 Pvridine
 Concen: 36.418 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.05 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

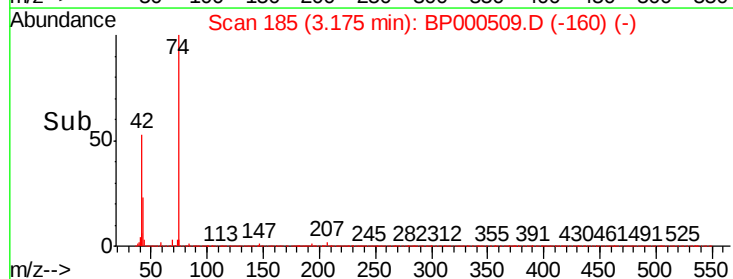
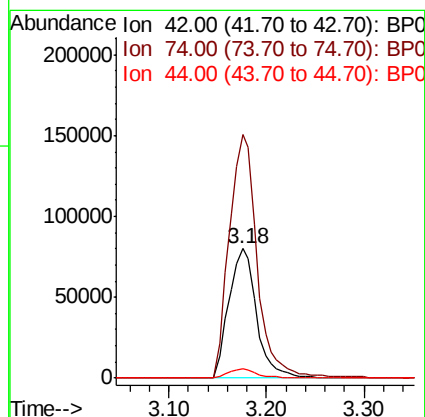
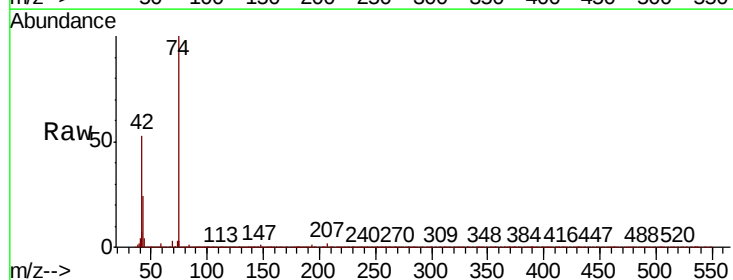
Instrument :
 BNA_P
 ClientSampleId :

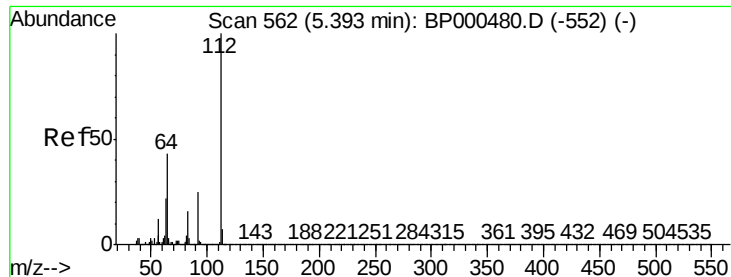
Tot Ion: 79 Resp: 467257
 Ion Ratio Lower Upper
 79 100
 52 51.1 40.7 61.1
 51 25.6 20.5 30.7



#4
 n-Nitrosodimethylamine
 Concen: 43.446 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.05 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

Tgt Ion: 42 Resp: 156862
 Ion Ratio Lower Upper
 42 100
 74 188.5 152.4 228.6
 44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 103.491 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

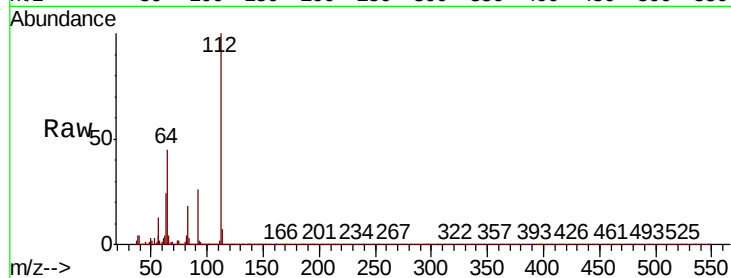
Tot Ion:112 Resp: 1217009

Ion Ratio Lower Upper

112 100

64 44.6 34.2 51.4

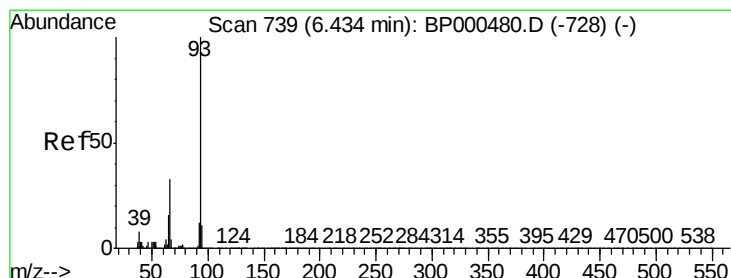
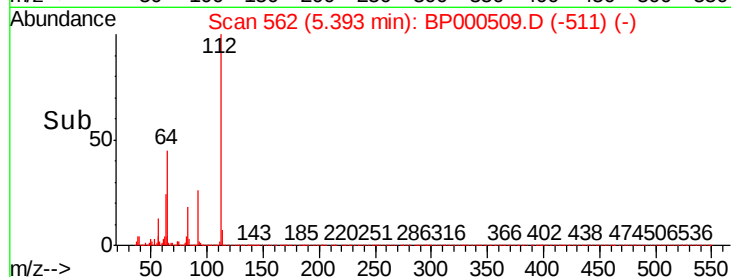
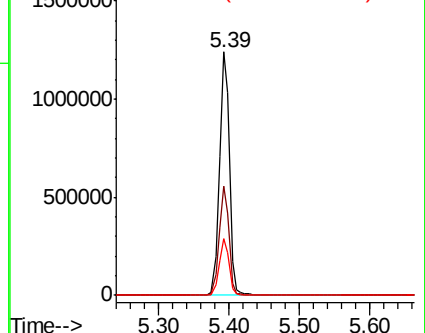
63 23.5 17.9 26.9



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: 33.097 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

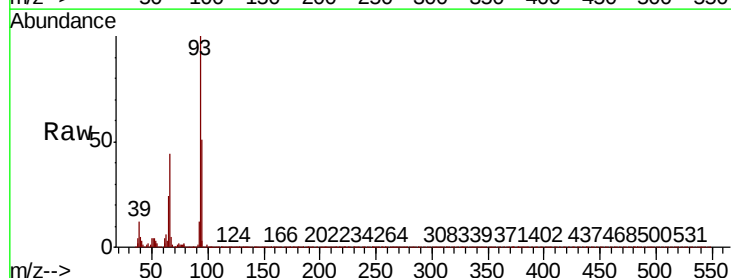
Tgt Ion: 93 Resp: 569788

Ion Ratio Lower Upper

93 100

66 44.3 26.3 39.5#

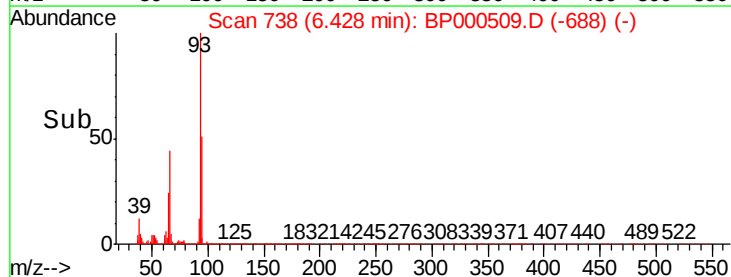
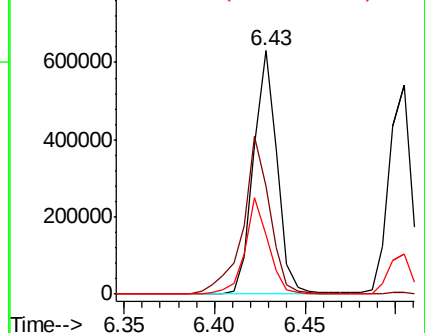
65 24.2 13.2 19.8#

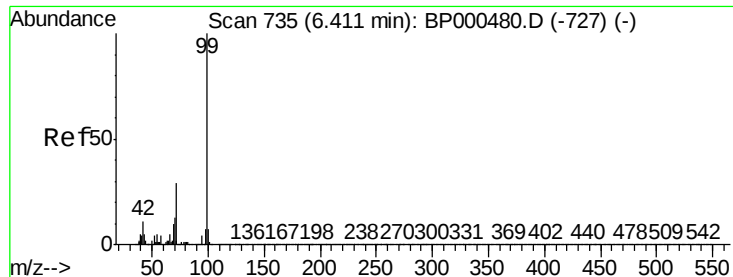


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 98.989 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

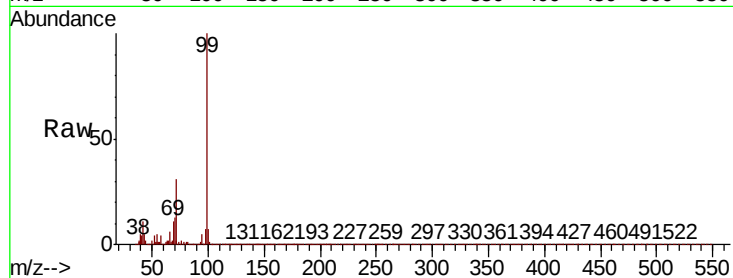
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1402759

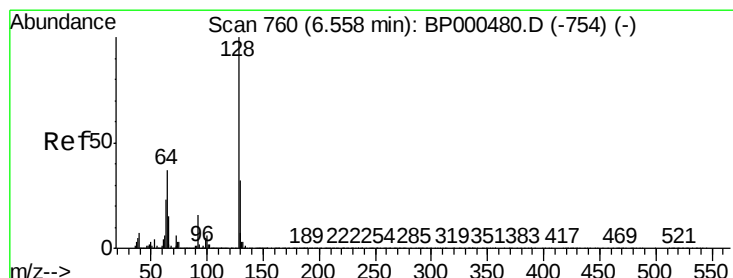
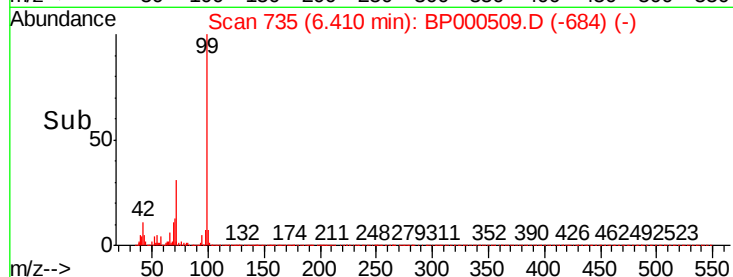
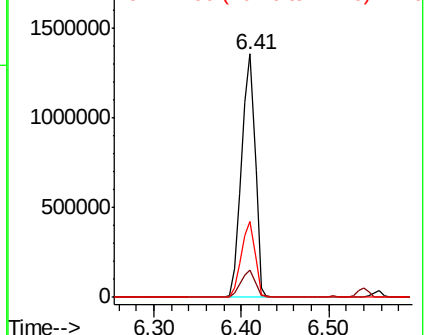
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	12.8
71	31.4	23.0	34.4



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: 44.032 ng

RT: 6.56 min Scan# 760

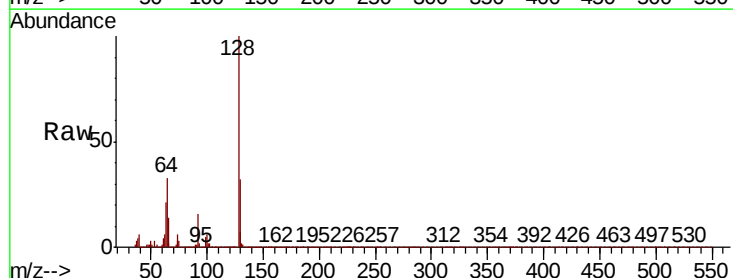
Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion: 128 Resp: 511026

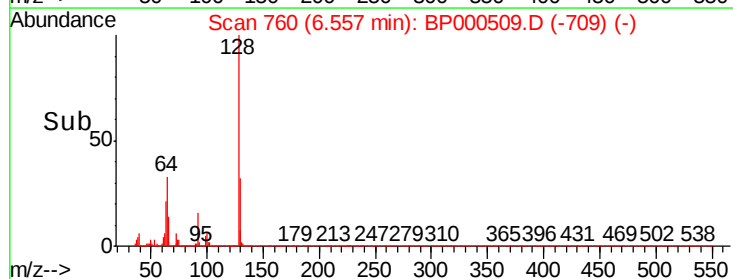
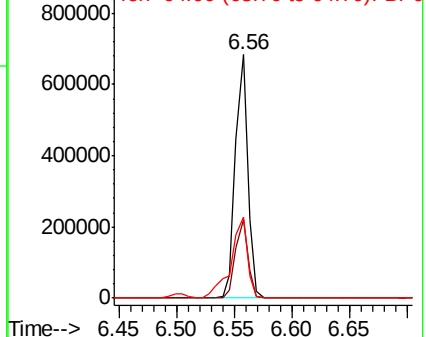
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	33.2	17.2	57.2

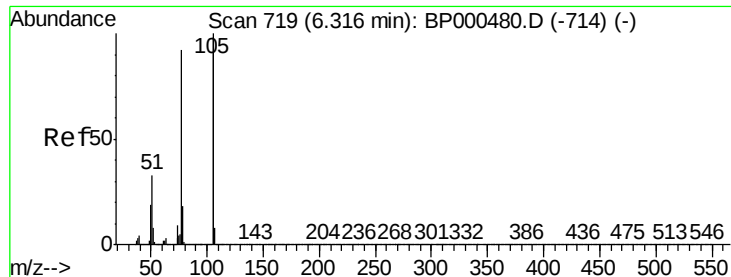


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 30.427 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

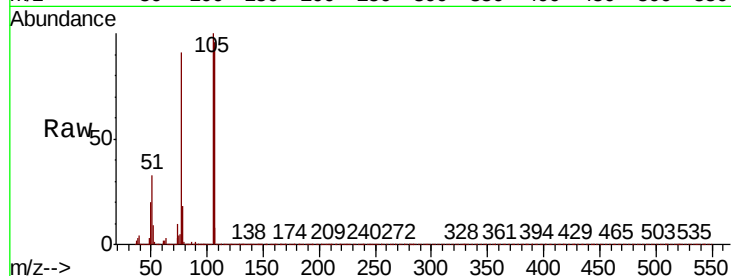
Tot Ion: 77 Resp: 224594

Ion Ratio Lower Upper

77 100

105 109.6 88.3 128.3

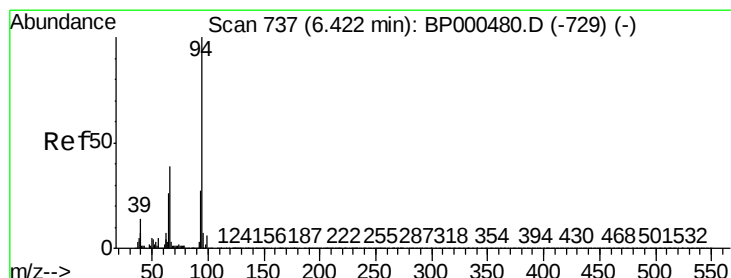
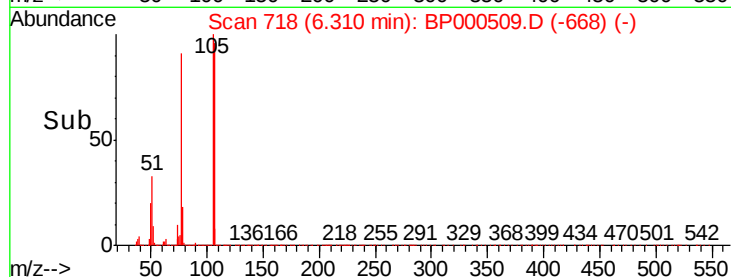
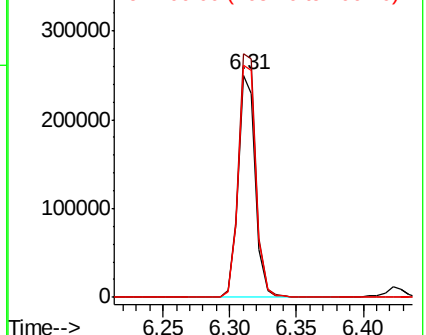
106 104.8 85.7 125.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.270 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

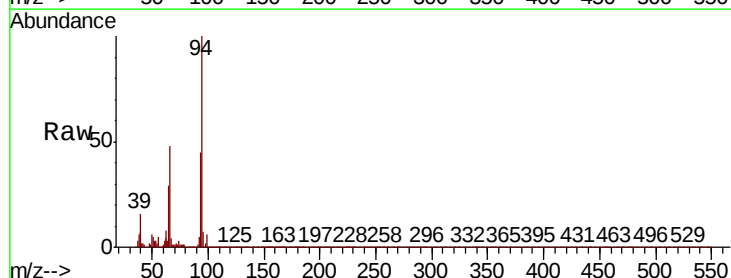
Tgt Ion: 94 Resp: 584276

Ion Ratio Lower Upper

94 100

65 28.9 5.9 45.9

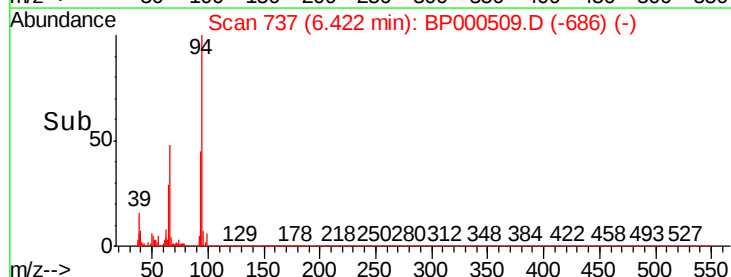
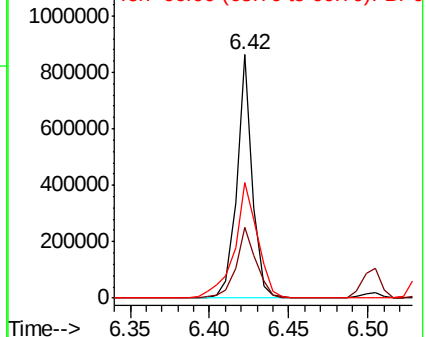
66 47.6 18.8 58.8

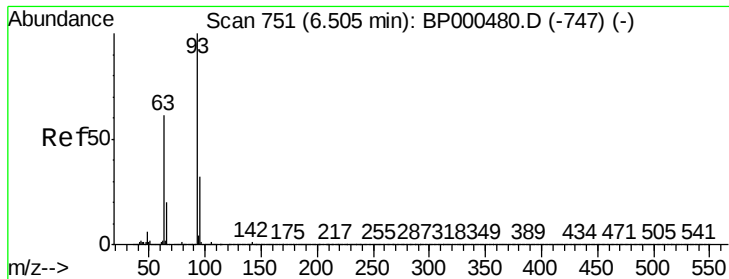


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

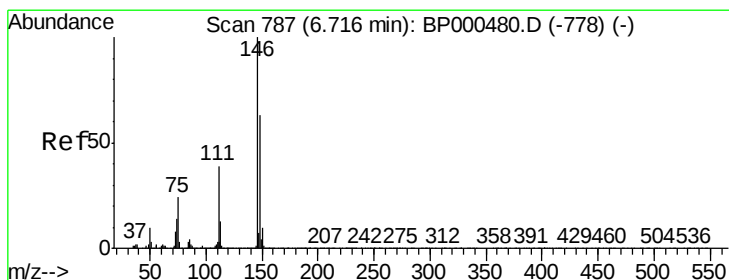
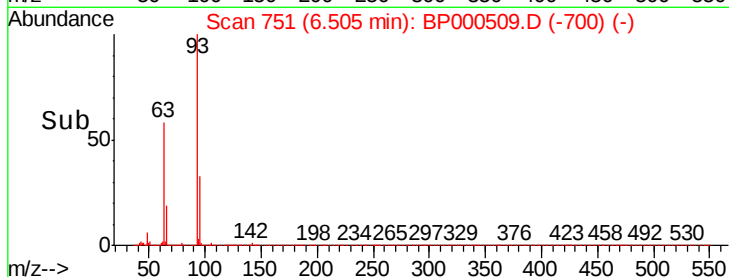
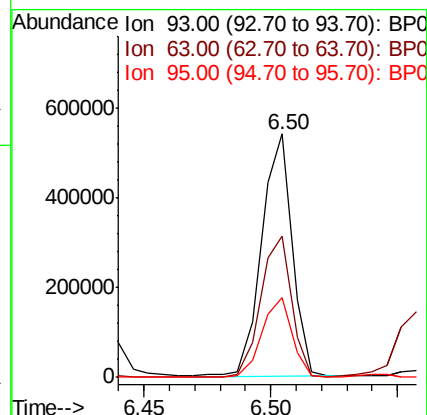
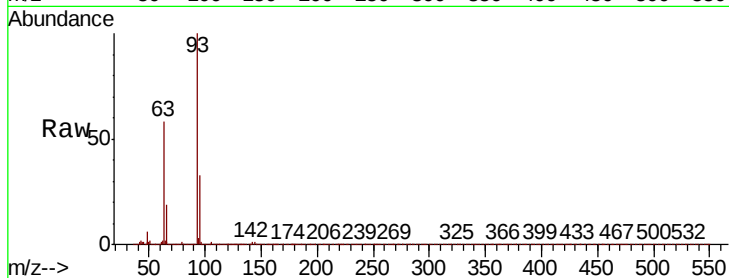




#11
bis(2-Chloroethyl)ether
Concen: 41.015 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

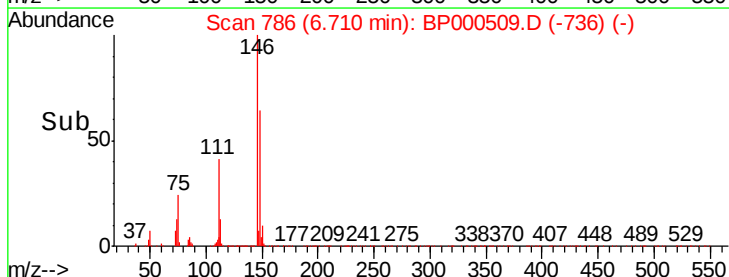
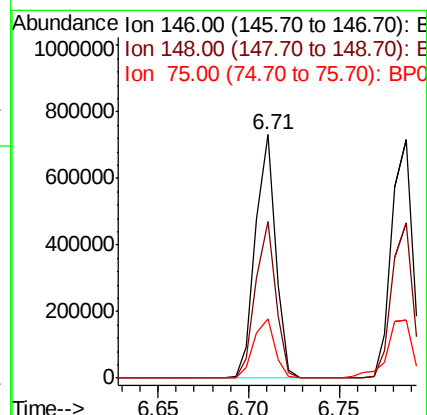
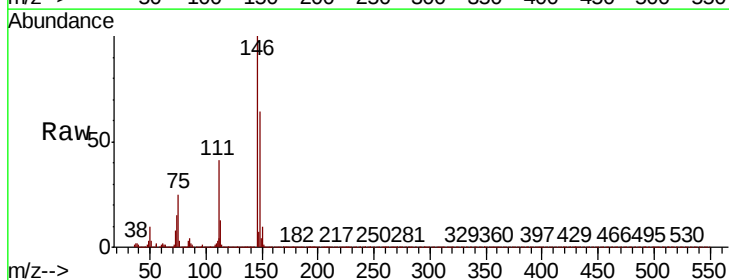
Instrument :
BNA_P
ClientSampleId :

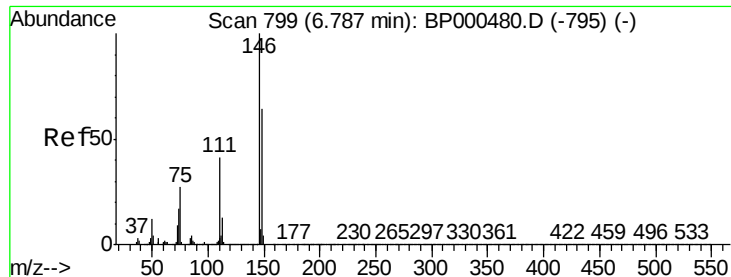
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.8	41.1	81.1
95	32.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 40.410 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
75	24.6	19.1	28.7





#13

1,4-Dichlorobenzene

Concen: 40.695 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

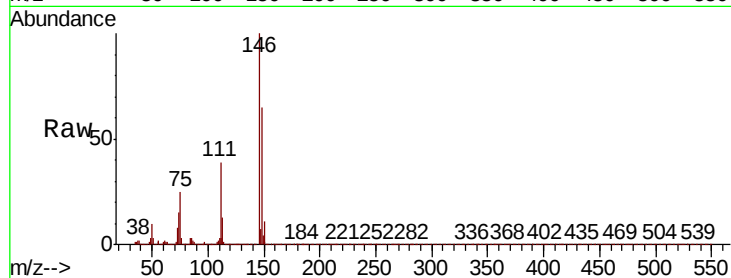
Tot Ion:146 Resp: 576106

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

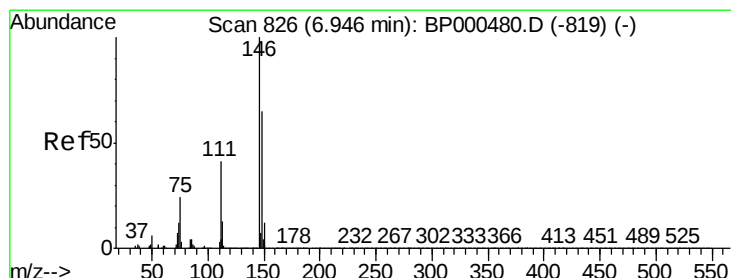
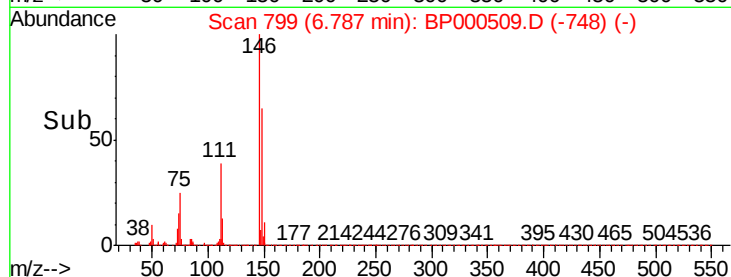
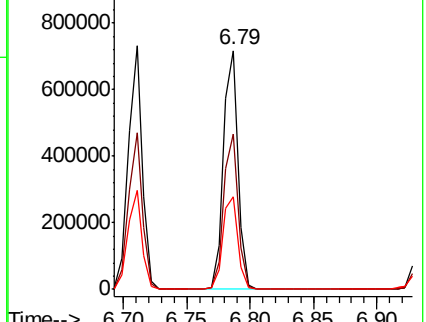
111 38.7 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.128 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

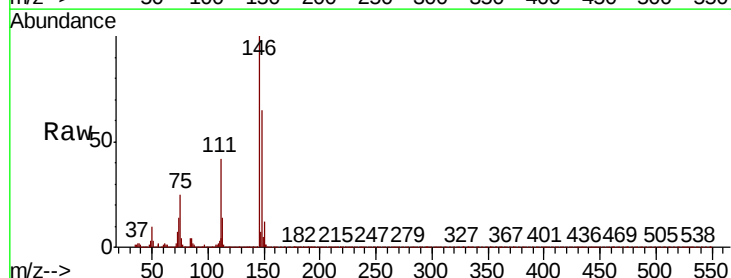
Tgt Ion:146 Resp: 524484

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

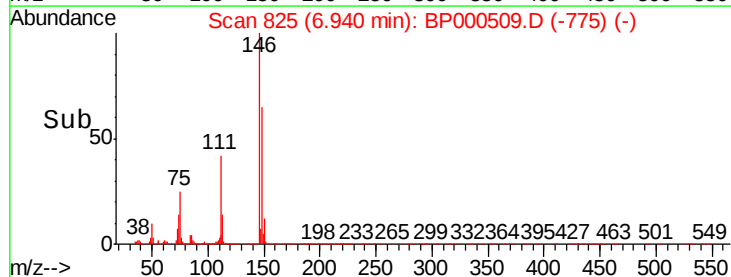
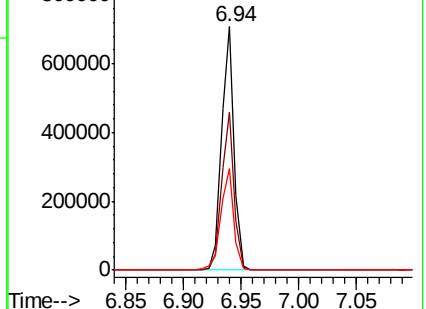
111 41.7 32.8 49.2

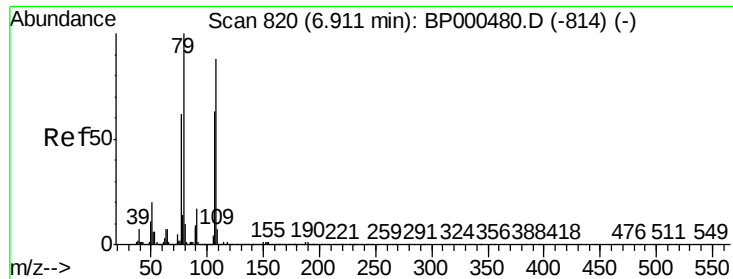


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.193 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

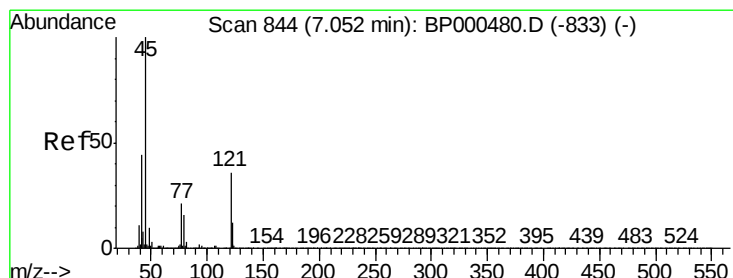
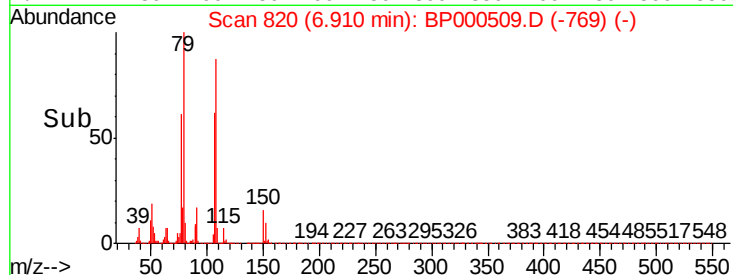
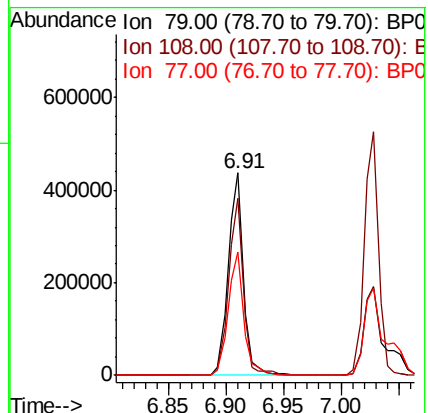
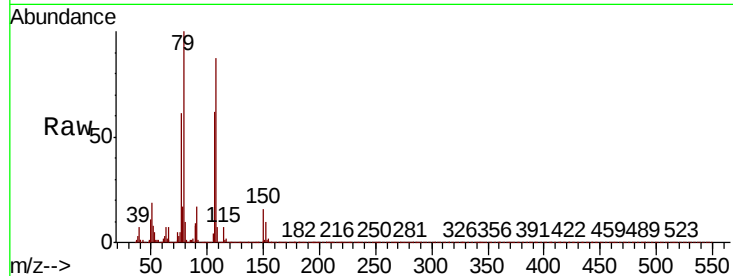
Tot Ion: 79 Resp: 395290

Ion Ratio Lower Upper

79 100

108 87.4 70.8 106.2

77 61.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.118 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

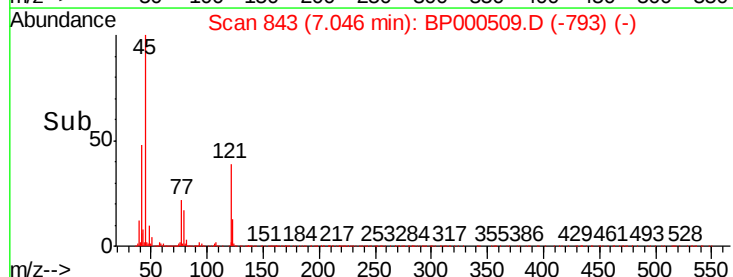
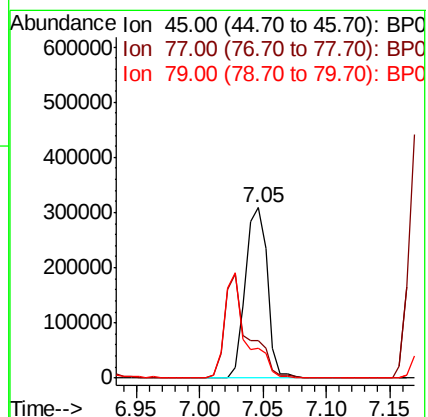
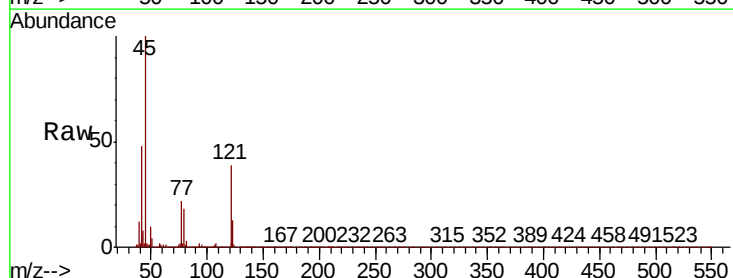
Tgt Ion: 45 Resp: 371890

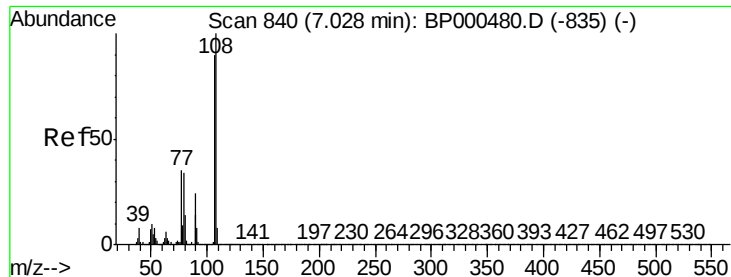
Ion Ratio Lower Upper

45 100

77 22.3 1.1 41.1

79 17.5 0.0 36.8





#17

2-Methylphenol

Concen: 41.335 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 396468

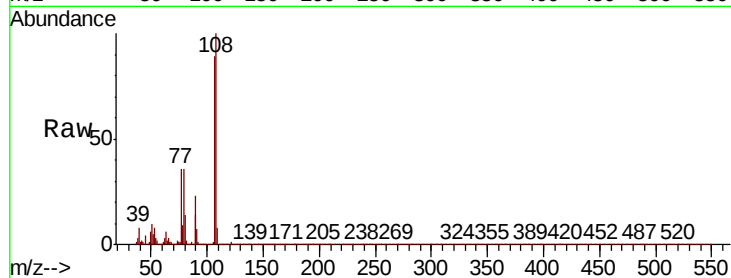
Ion Ratio Lower Upper

107 100

108 111.9 89.0 133.4

77 40.2 31.2 46.8

79 40.8 30.7 46.1

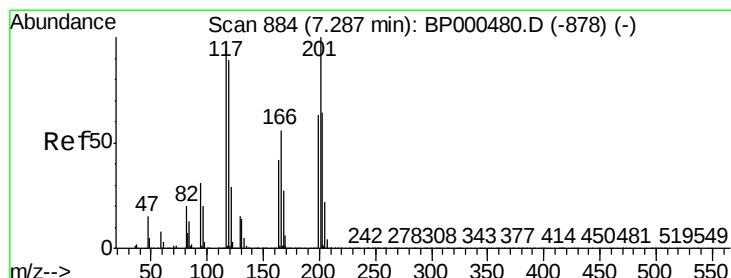
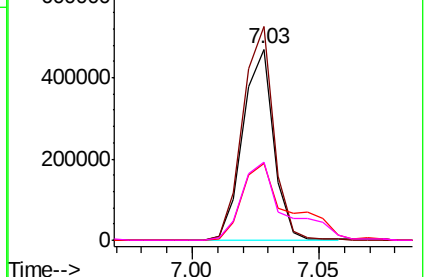
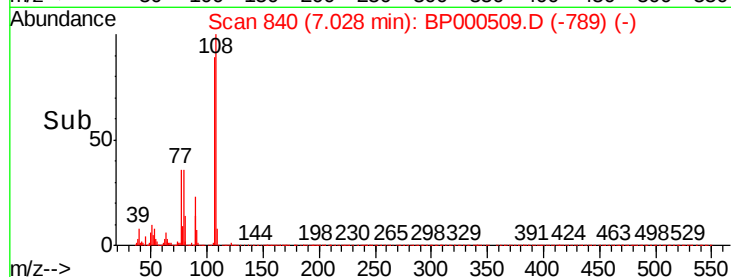


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 38.812 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

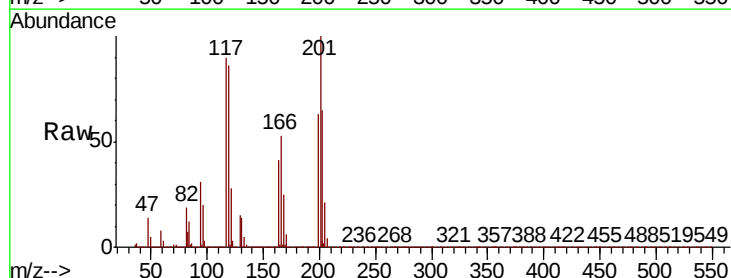
Tgt Ion:117 Resp: 195549

Ion Ratio Lower Upper

117 100

119 95.1 76.3 114.5

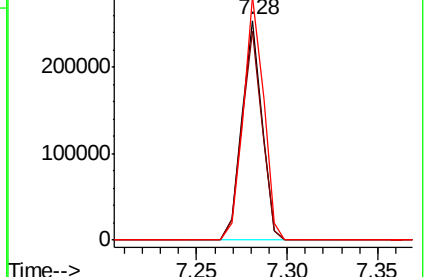
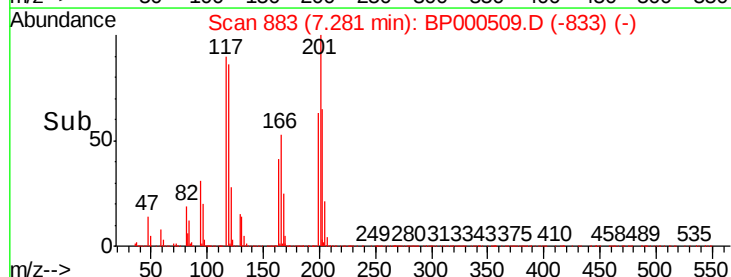
201 110.8 85.4 128.0

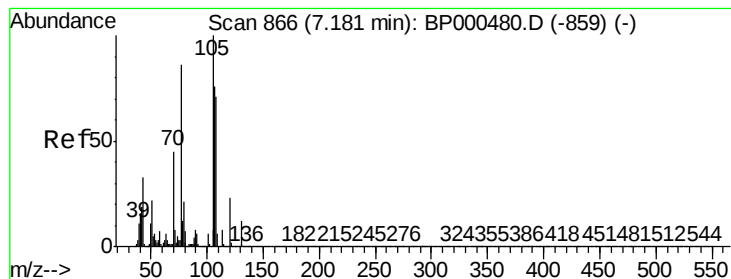


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.560 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 251866

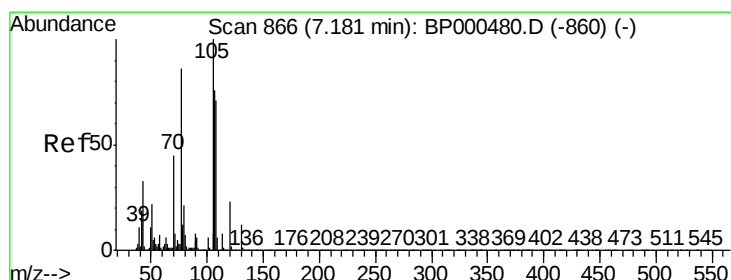
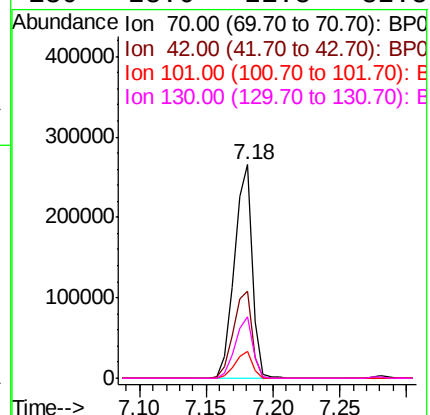
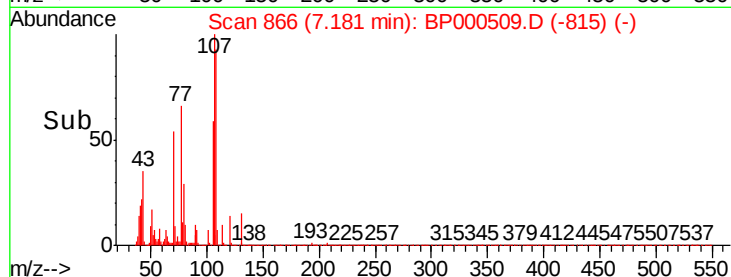
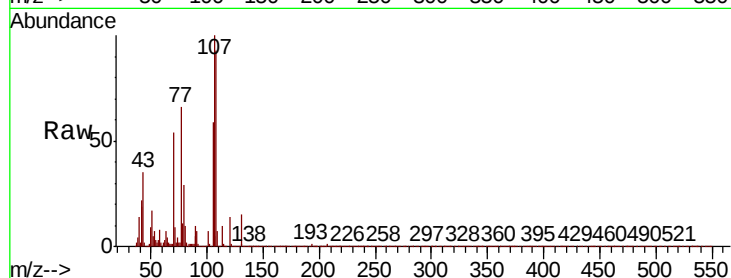
Ion Ratio Lower Upper

70 100

42 40.7 33.2 49.8

101 12.4 9.9 14.9

130 28.6 21.8 32.8



#20

3+4-Methylphenols

Concen: 41.917 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion:107 Resp: 470443

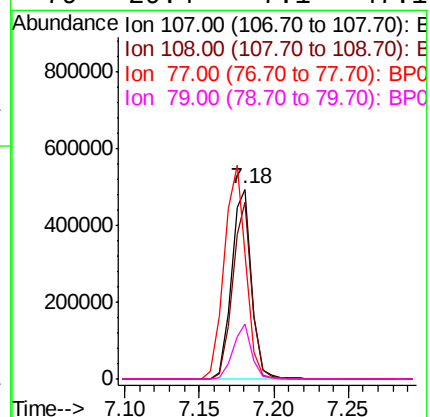
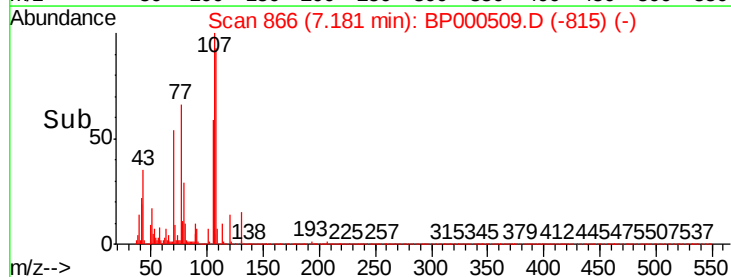
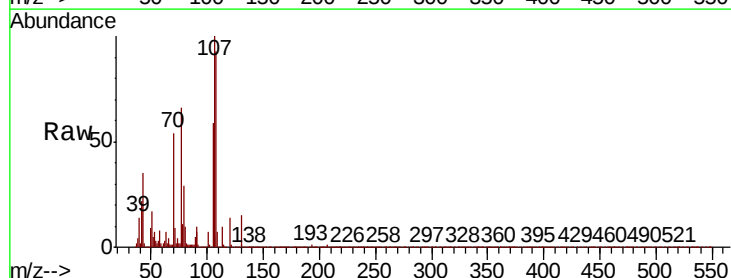
Ion Ratio Lower Upper

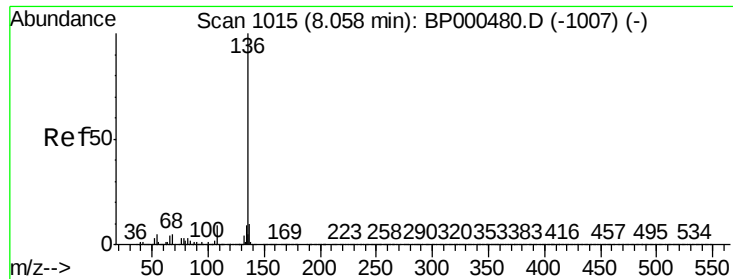
107 100

108 93.1 72.6 112.6

77 65.9 93.3 133.3#

79 29.4 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: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 652043

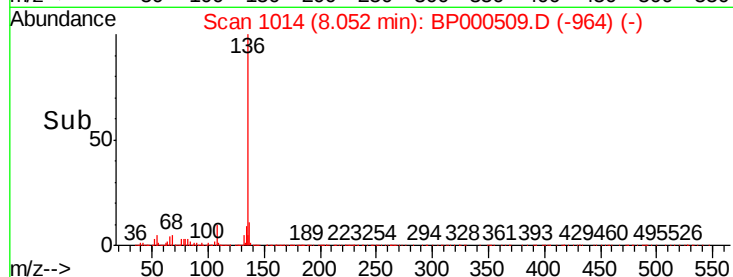
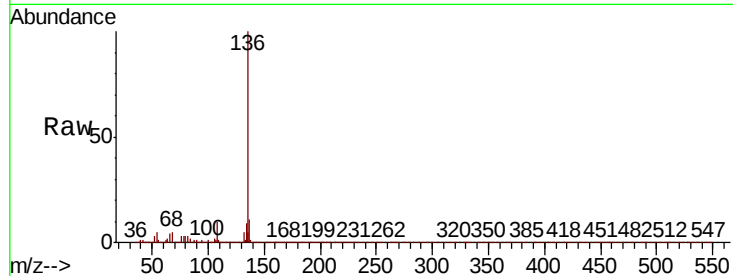
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 5.0 4.1 6.1

68 4.7 4.1 6.1

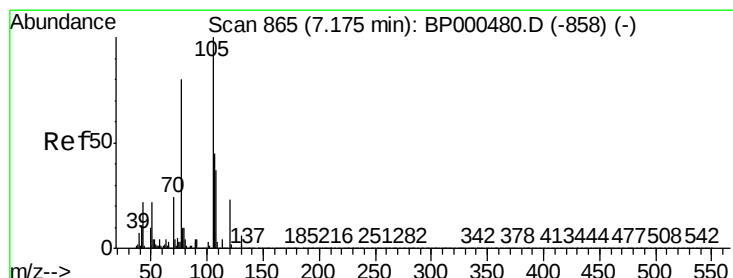
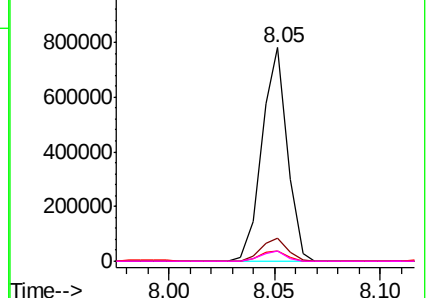


Abundance Ion 136.00 (135.70 to 136.70): E

1200000 Ion 137.00 (136.70 to 137.70): E

1000000 Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 42.502 ng

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion:105 Resp: 640355

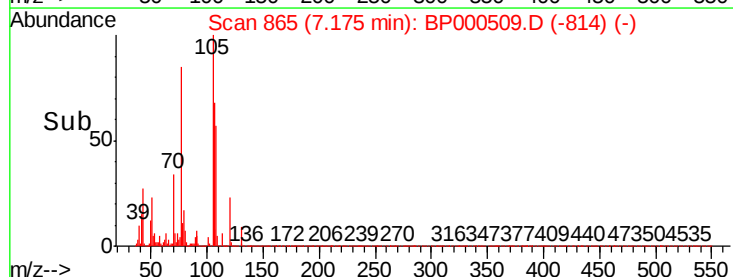
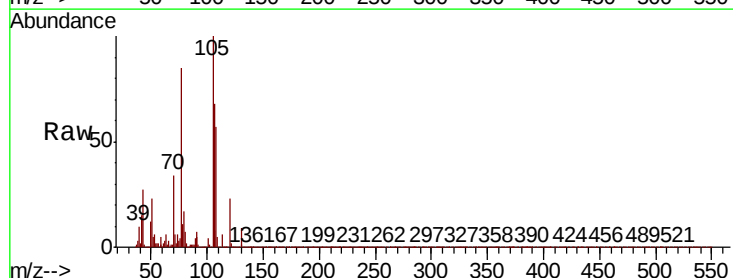
Ion Ratio Lower Upper

105 100

71 5.8 3.3 4.9#

51 22.8 17.4 26.2

120 23.1 18.0 27.0

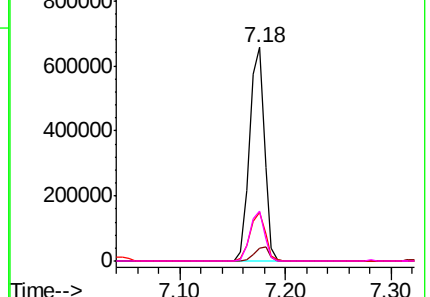


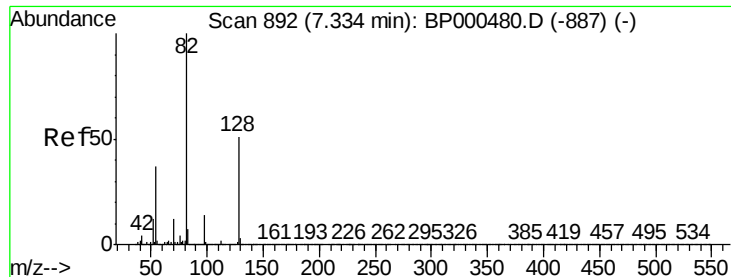
Abundance Ion 105.00 (104.70 to 105.70): E

1000000 Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

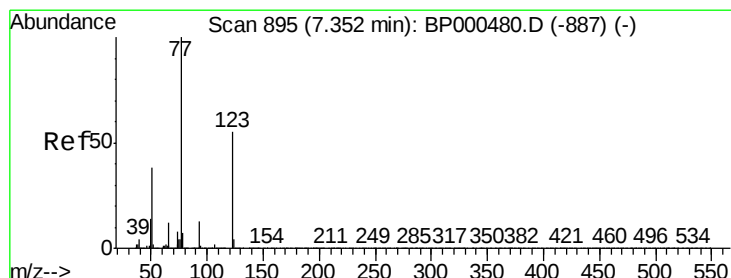
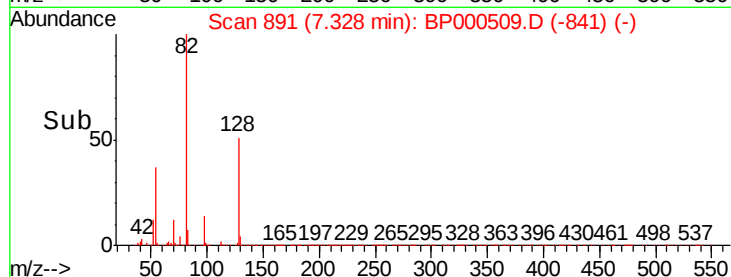
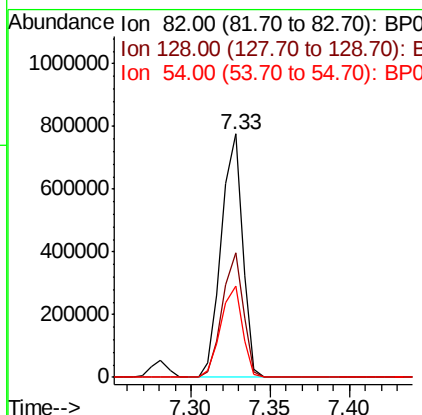
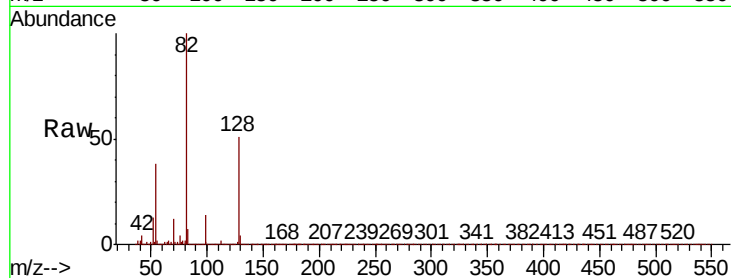




#23
Nitrobenzene-d5
Concen: 67.932 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

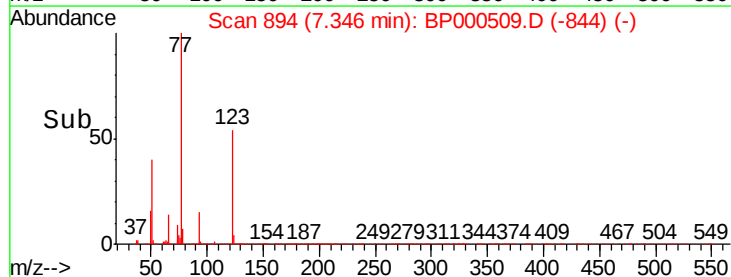
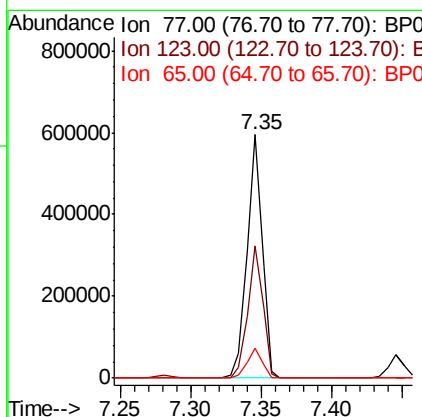
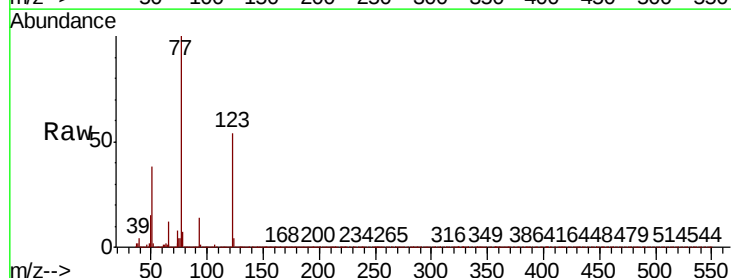
Instrument :
BNA_P
ClientSampleId :

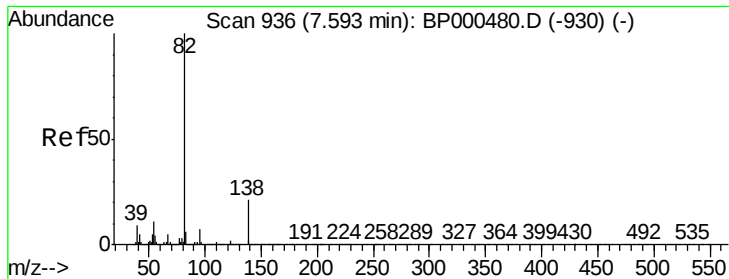
Tot Ion	82	Resp	725248
Ion Ratio	100	Lower	Upper
82	100		
128	51.3	40.9	61.3
54	37.6	29.4	44.2



#24
Nitrobenzene
Concen: 43.482 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	77	Resp	447721
Ion Ratio	100	Lower	Upper
77	100		
123	54.5	44.1	66.1
65	12.4	9.7	14.5





#25

Isophorone

Concen: 43.456 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BP000509.D

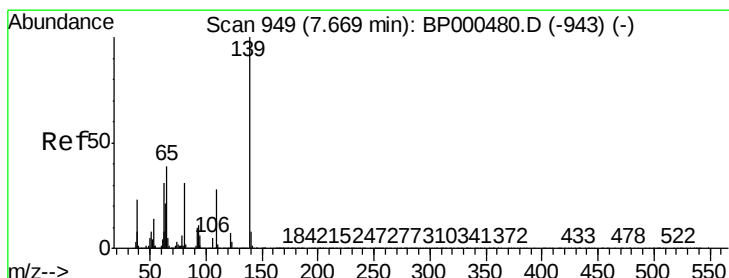
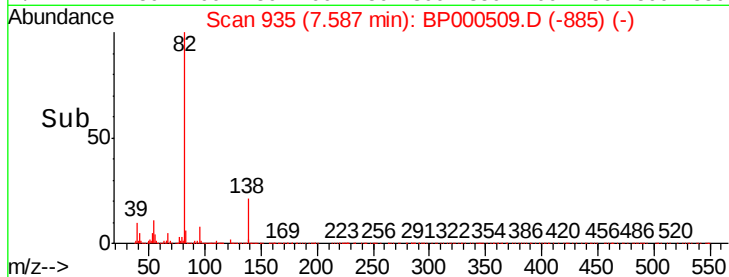
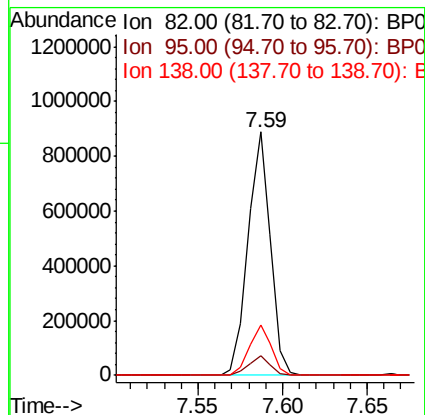
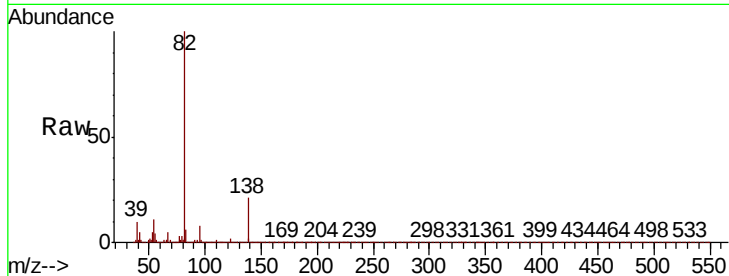
Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	82	Resp:	823386
Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.8	8.6
138	20.5	17.0	25.4



#26

2-Nitrophenol

Concen: 43.930 ng

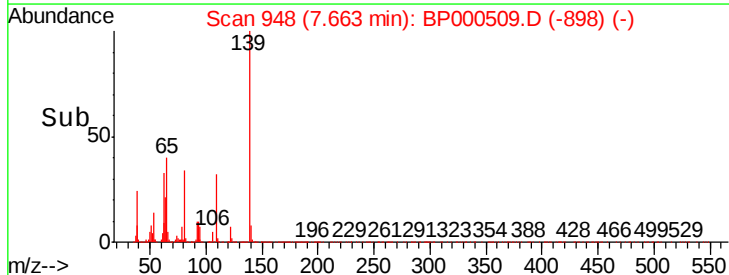
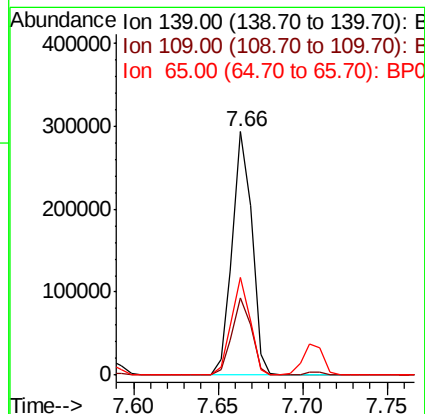
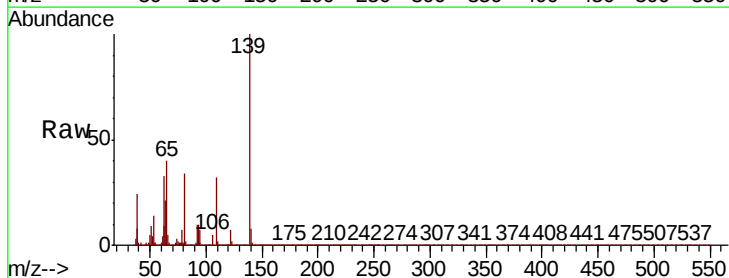
RT: 7.66 min Scan# 948

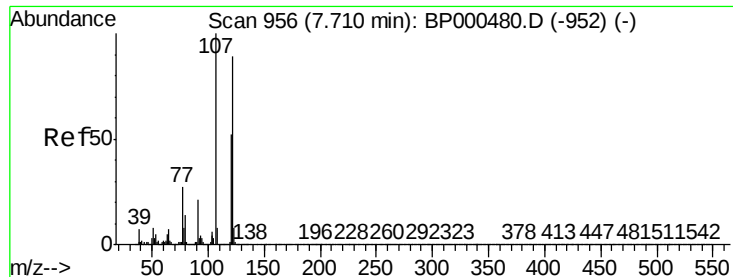
Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion:	139	Resp:	237877
Ion	Ratio	Lower	Upper
139	100		
109	31.8	22.8	34.2
65	40.2	31.5	47.3





#27

2,4-Dimethylphenol

Concen: 47.517 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

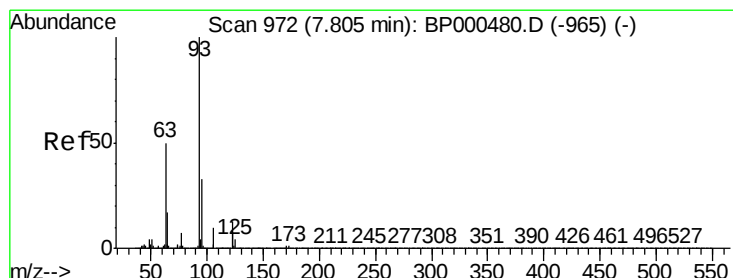
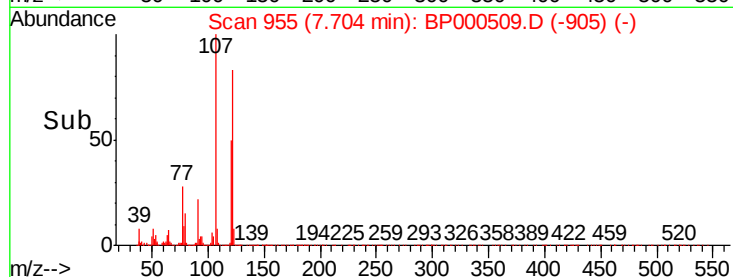
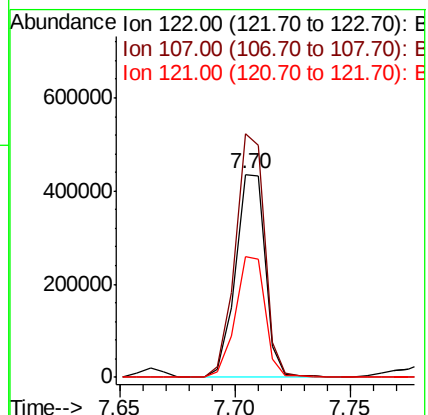
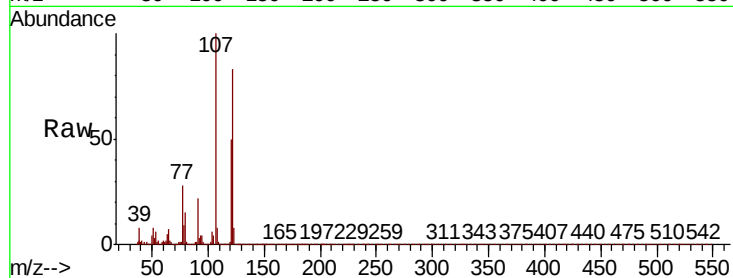
Tot Ion:122 Resp: 394406

Ion Ratio Lower Upper

122 100

107 120.1 89.9 134.9

121 59.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.891 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

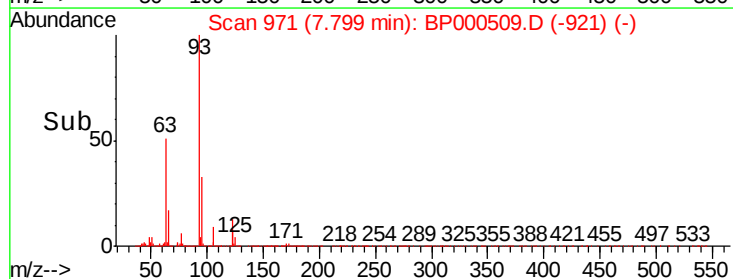
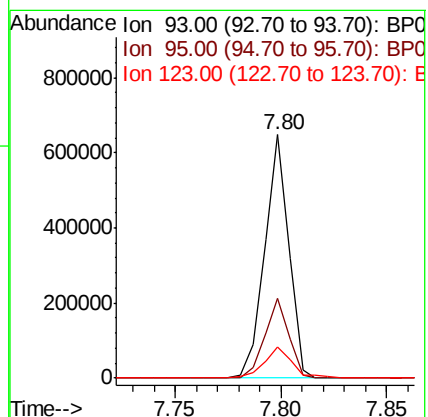
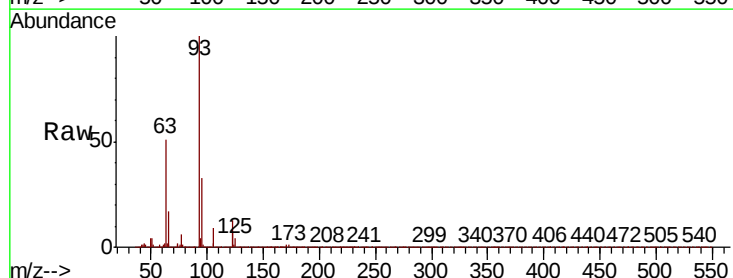
Tgt Ion: 93 Resp: 513654

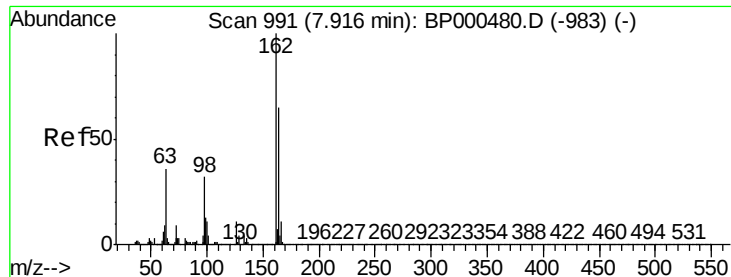
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.6 10.2 15.2

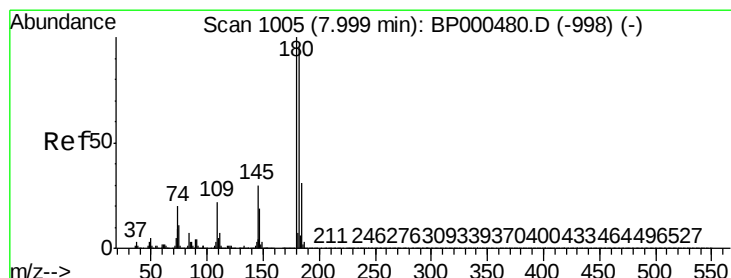
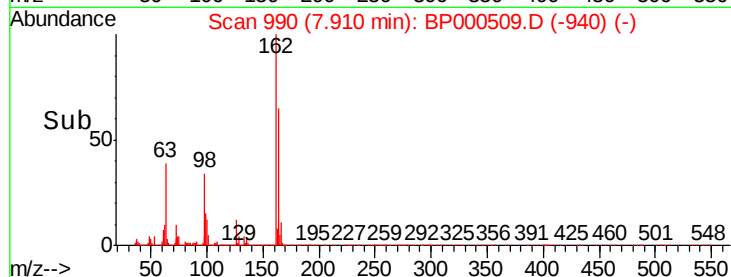
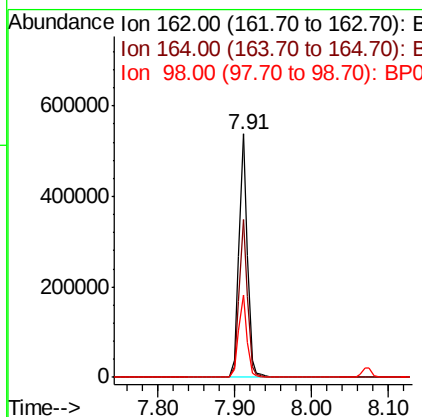
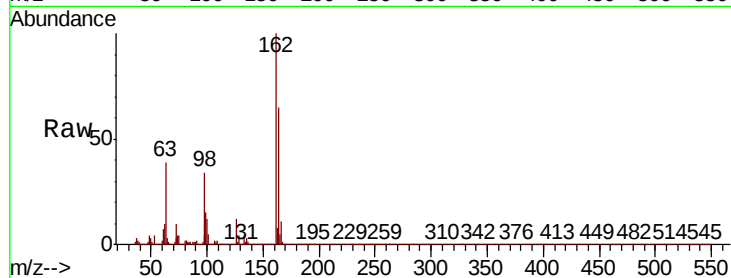




#29
2,4-Dichlorophenol
Concen: 44.434 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

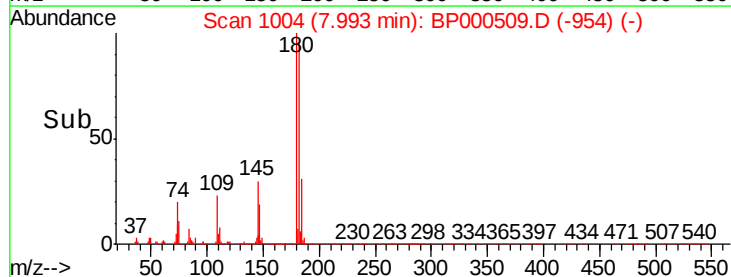
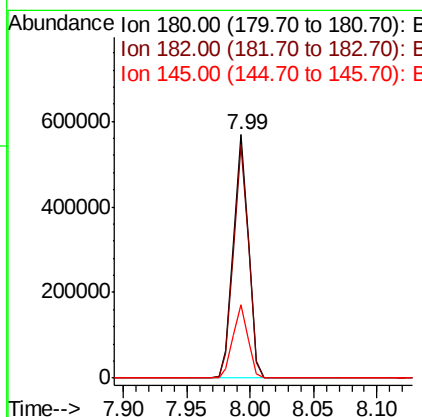
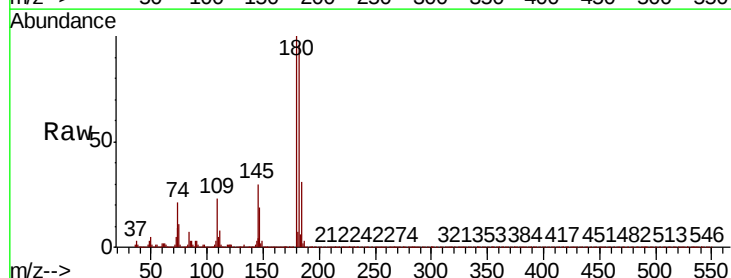
Instrument :
BNA_P
ClientSampleId :

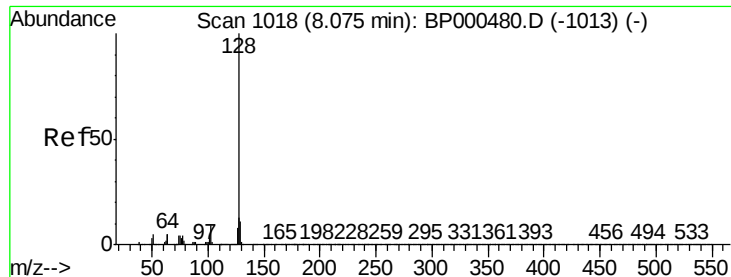
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	33.7	11.6	51.6



#30
1,2,4-Trichlorobenzene
Concen: 41.956 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.4
145	29.9	23.6	35.4

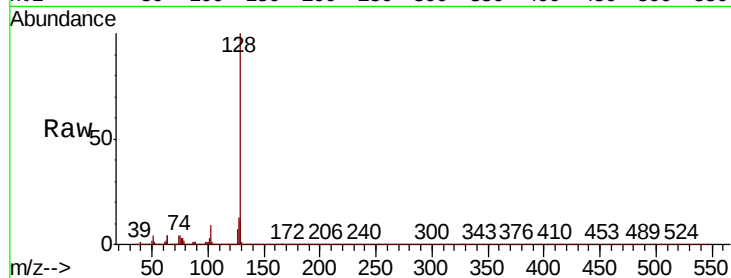




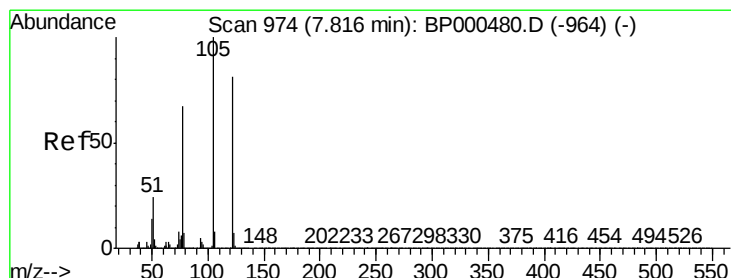
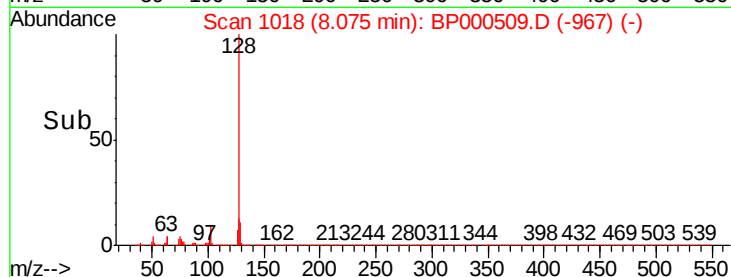
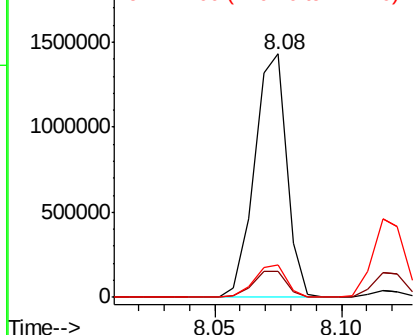
#31
Naphthalene
Concen: 41.781 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 1272341
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 10.5 15.7

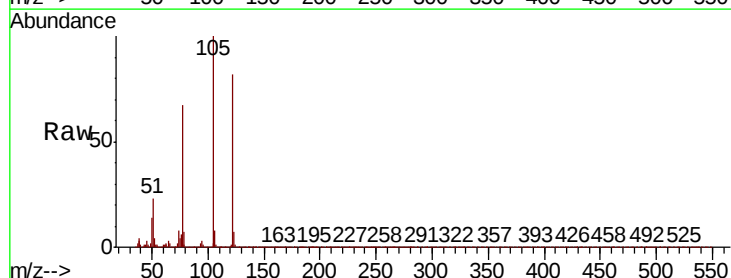


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

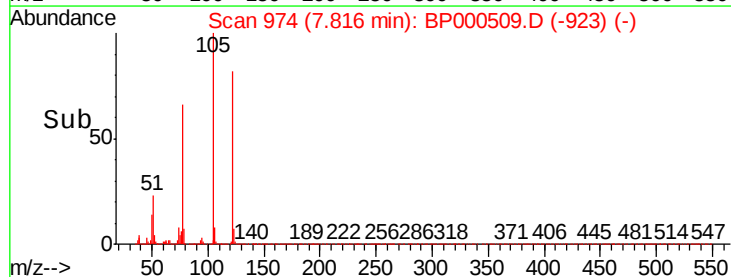
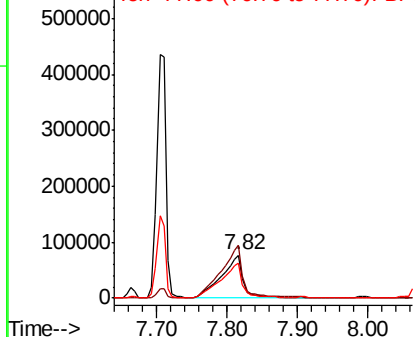


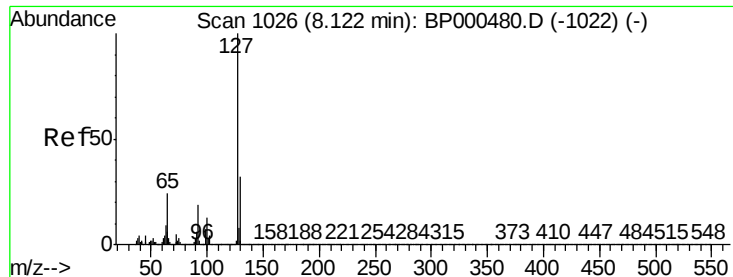
#32
Benzoic acid
Concen: 31.835 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:122 Resp: 166850
Ion Ratio Lower Upper
122 100
105 122.6 101.4 141.4
77 81.9 62.1 102.1



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

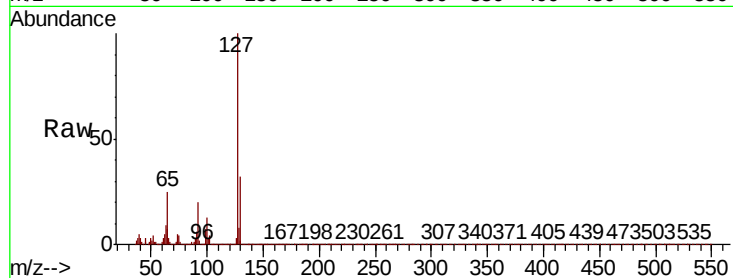




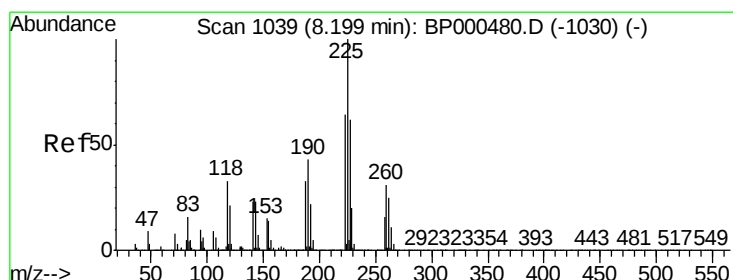
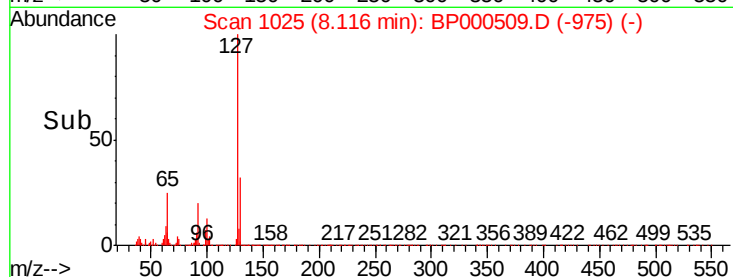
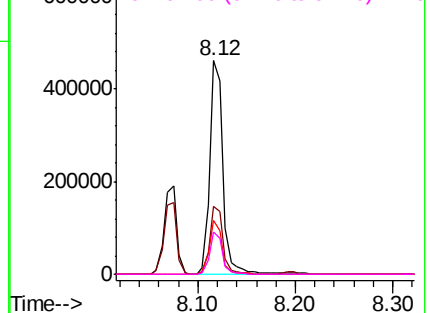
#33
4-Chloroaniline
Concen: 32.177 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	430246
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.6	38.4
65	25.4	19.2	28.8
92	19.7	14.9	22.3

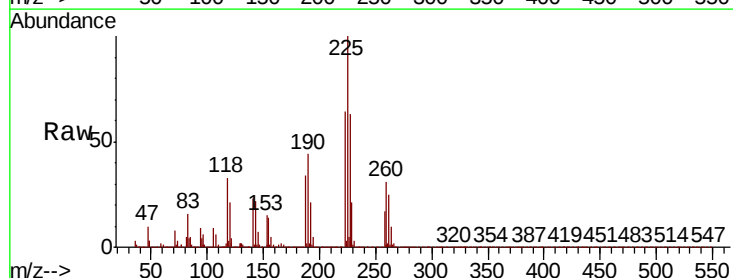


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

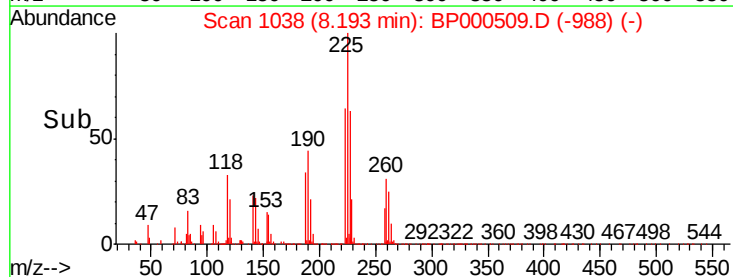
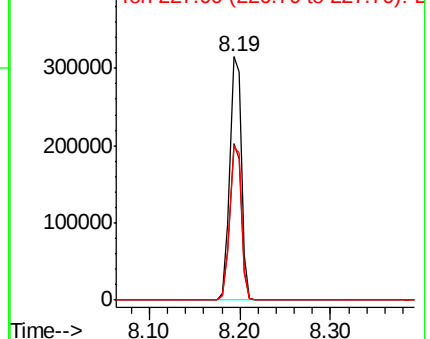


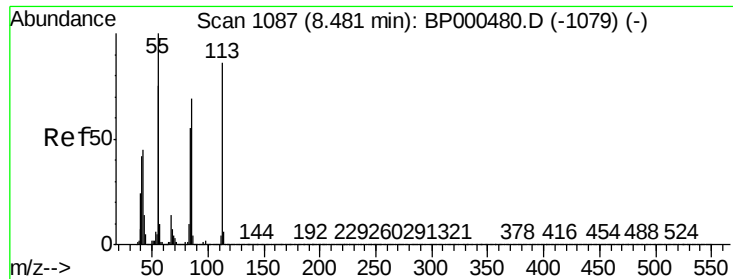
#34
Hexachlorobutadiene
Concen: 41.459 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:	225	Resp:	276161
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	62.7	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

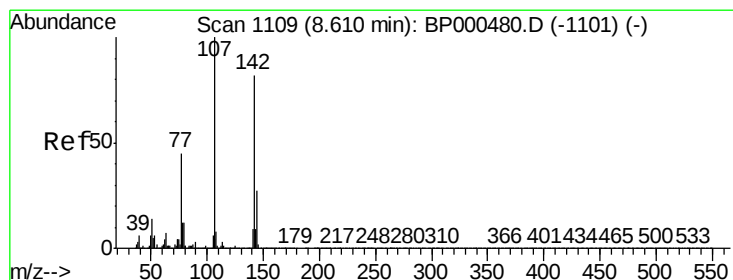
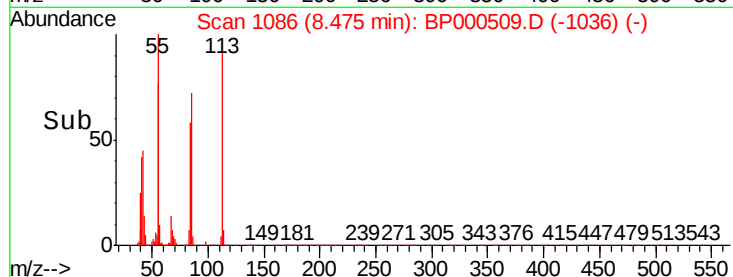
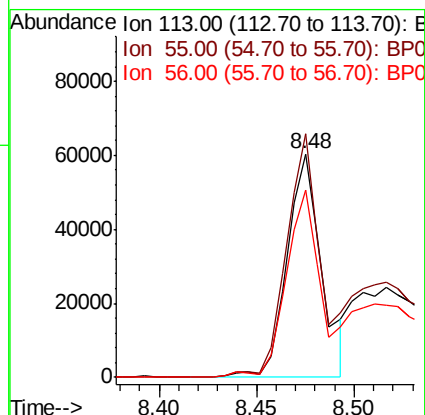
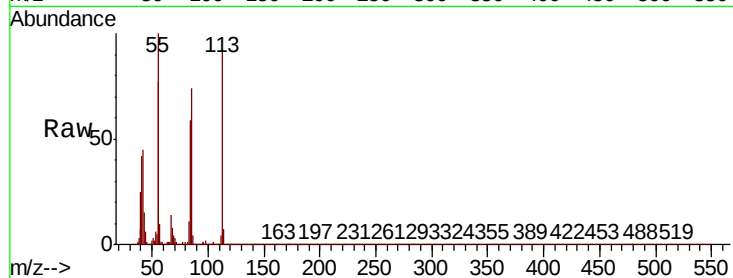




#35
Caprolactam
Concen: 23.328 ng
RT: 8.48 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

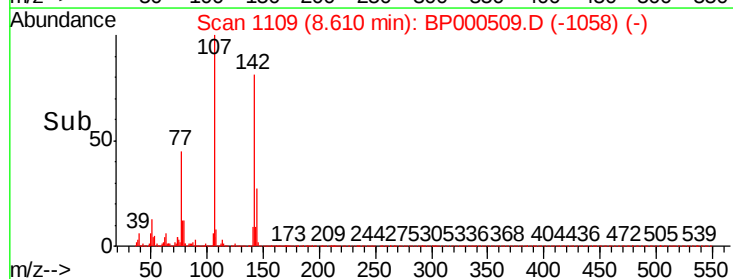
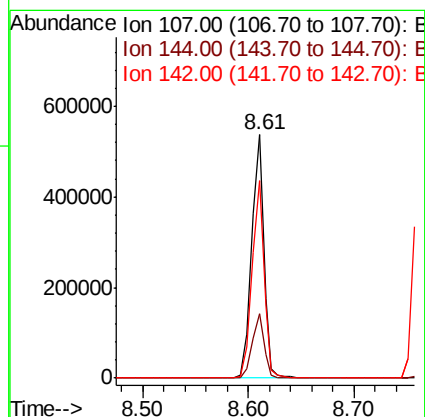
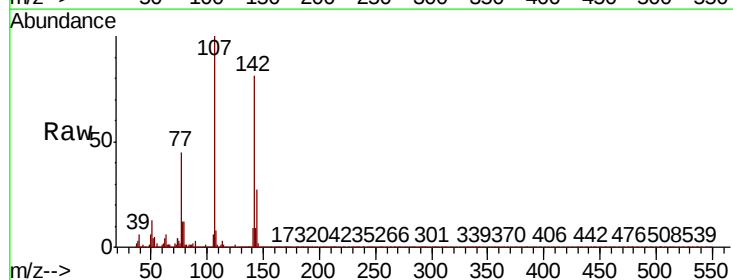
Instrument :
BNA_P
ClientSampleId :

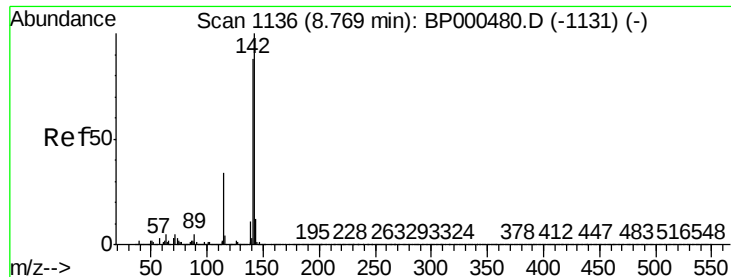
Tot Ion:113 Resp: 73331
Ion Ratio Lower Upper
113 100
55 108.9 95.9 135.9
56 83.7 67.2 107.2



#36
4-Chloro-3-methylphenol
Concen: 46.827 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:107 Resp: 430435
Ion Ratio Lower Upper
107 100
144 26.6 21.8 32.8
142 81.3 65.5 98.3

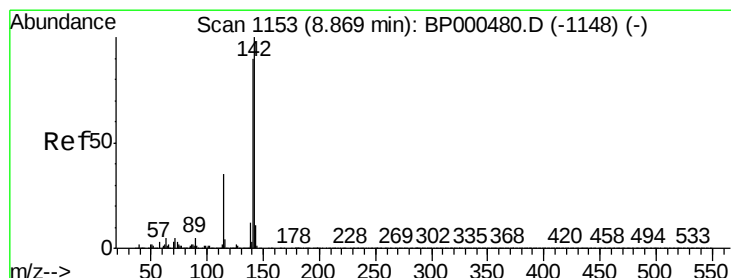
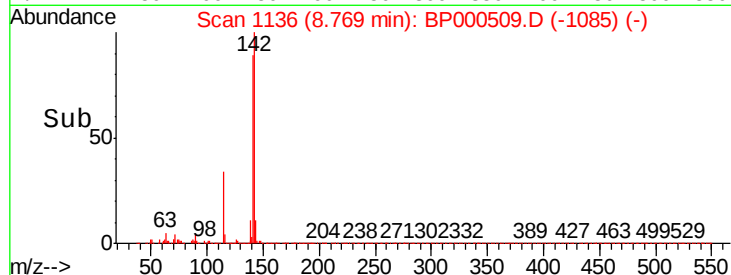
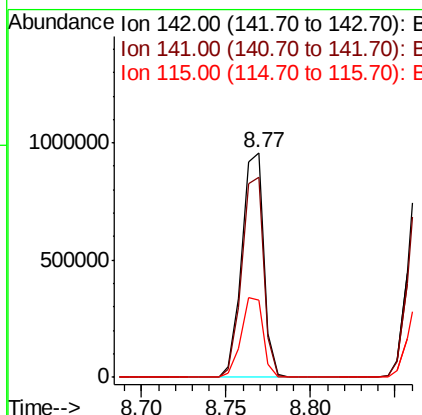
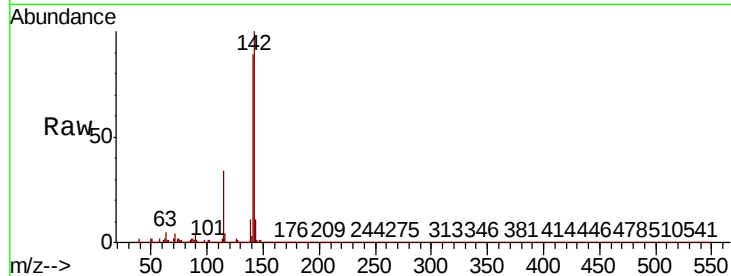




#37
2-Methylnaphthalene
Concen: 42.497 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

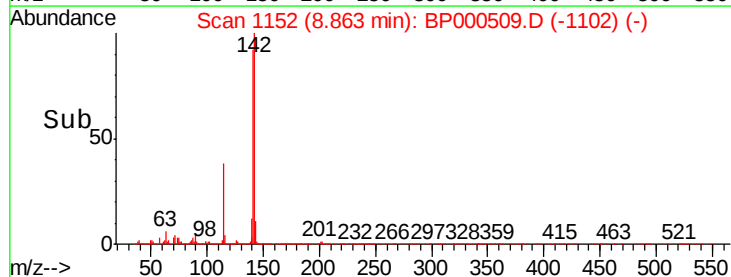
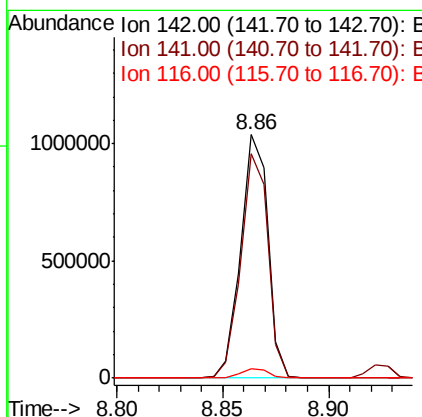
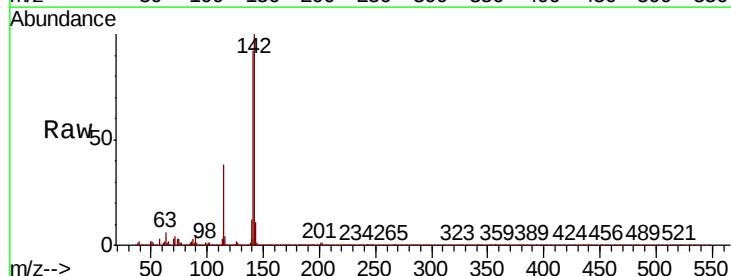
Instrument :
BNA_P
ClientSampleId :

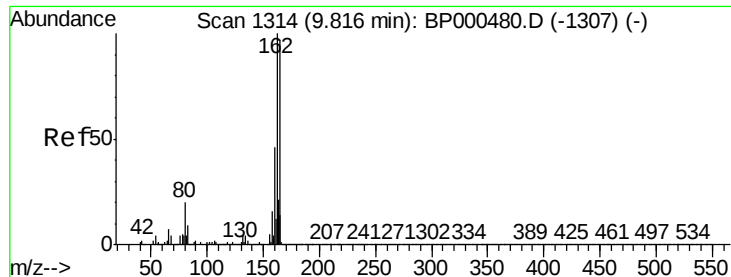
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	34.4	27.4	41.0



#38
1-Methylnaphthalene
Concen: 47.870 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	4.0	3.0	4.4

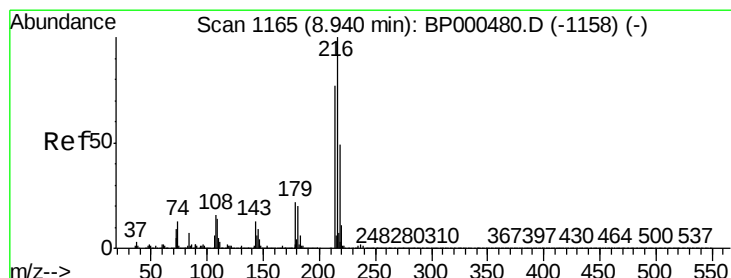
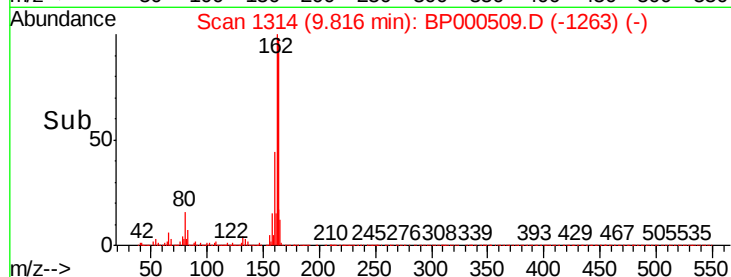
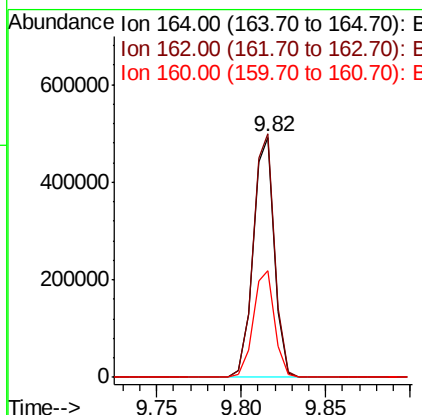
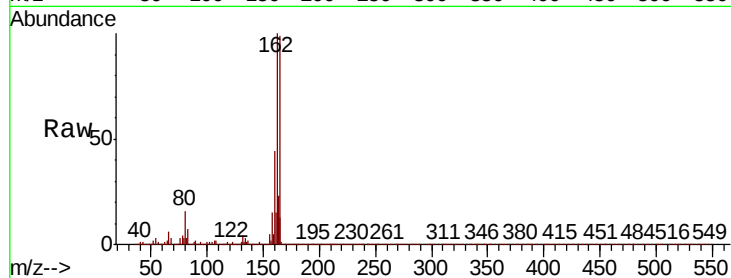




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

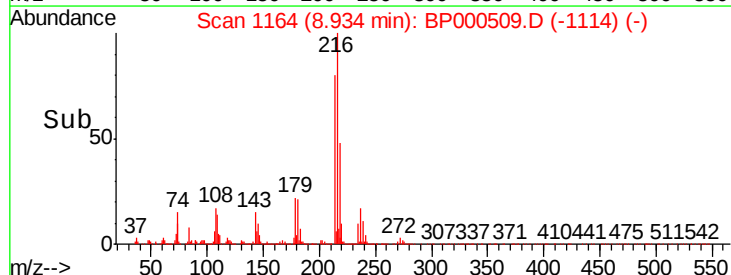
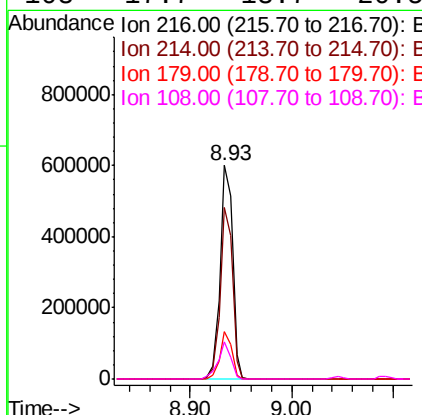
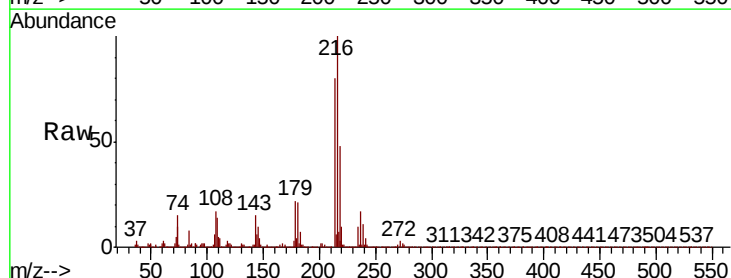
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	44.6	37.6	56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.356 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	20.9	16.7	25.1
108	17.7	13.7	20.5

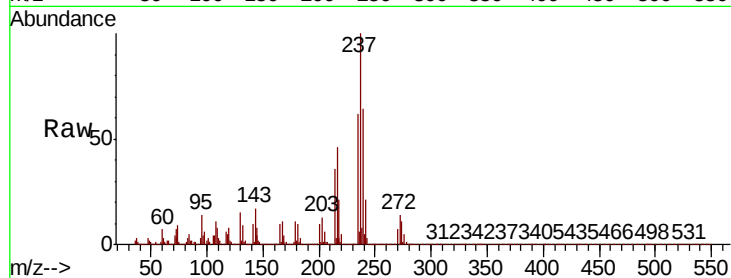




#41
Hexachlorocyclopentadiene
Concen: 73.582 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.9	82.9
272	13.8	0.0	32.4

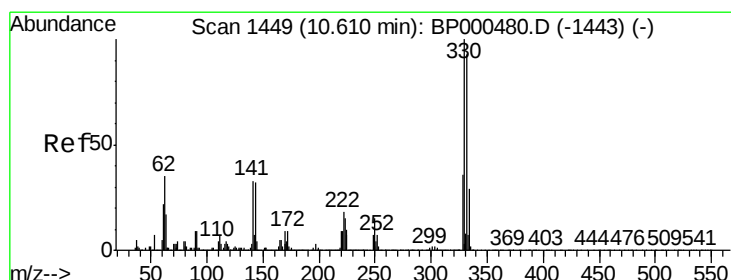
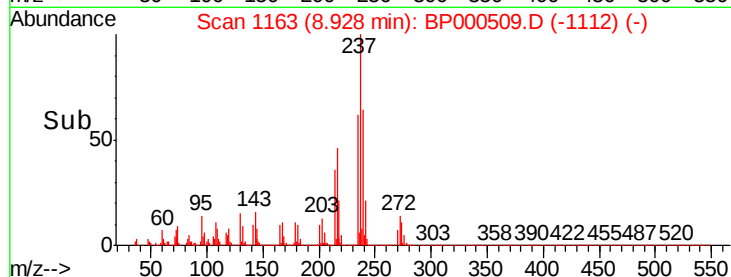
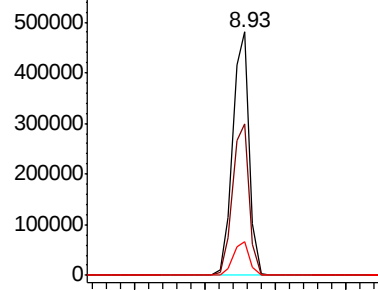


Abundance

Ion 236.80 (236.50 to 237.50): E

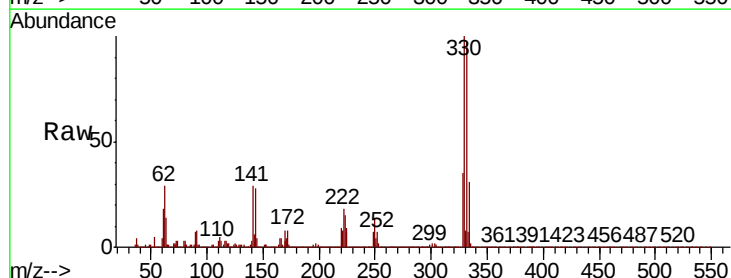
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 117.904 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	29.5	26.0	39.0

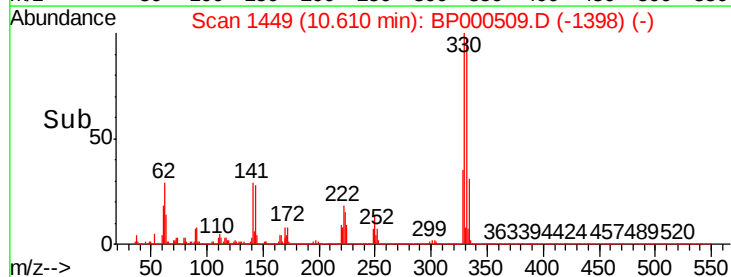
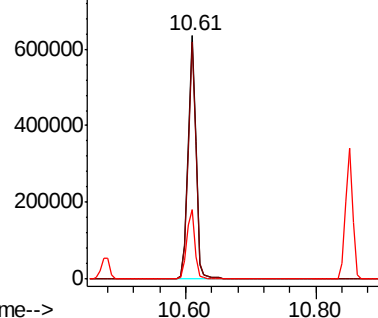


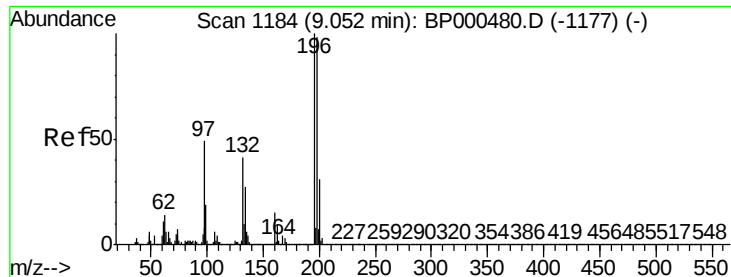
Abundance

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

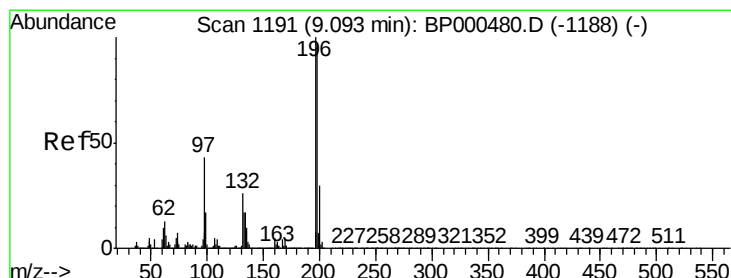
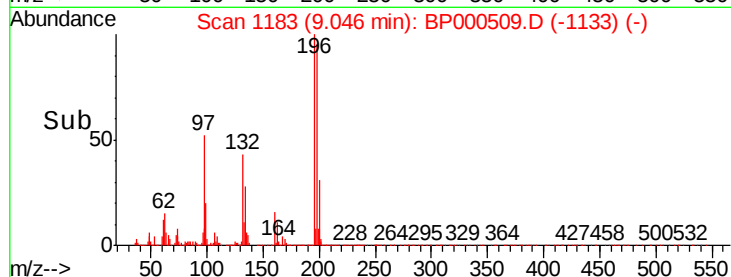
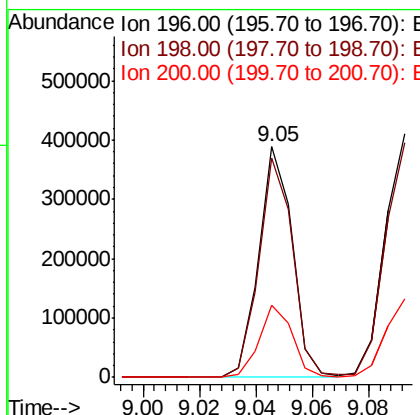
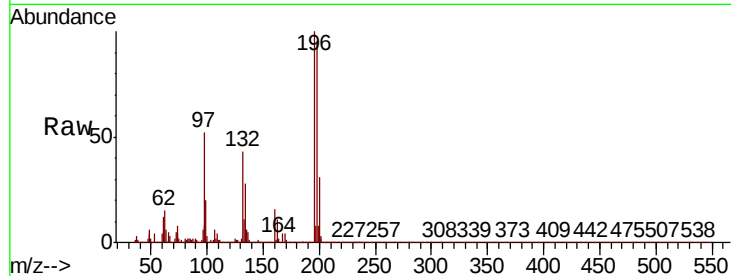




#43
 2,4,6-Trichlorophenol
 Concen: 38.099 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

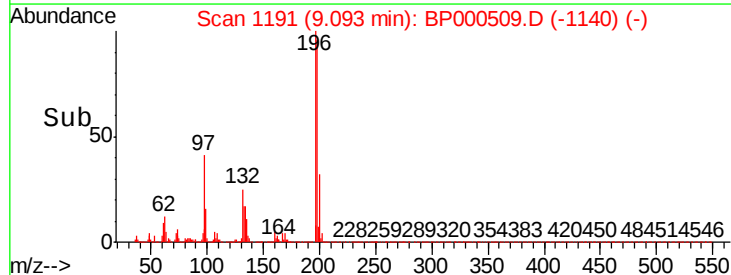
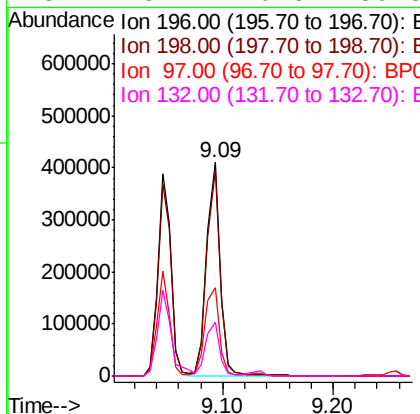
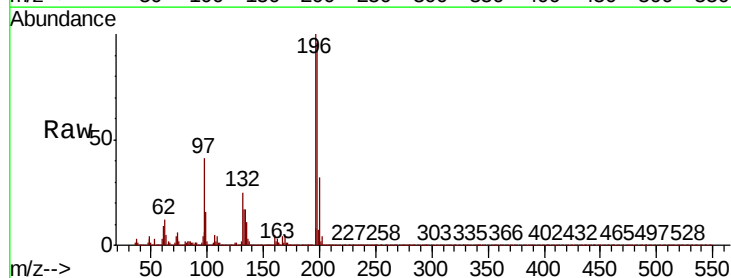
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:196 Resp: 320804
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.760 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

Tgt Ion:196 Resp: 336970
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.4 116.0
 97 41.3 34.6 51.8
 132 25.4 20.6 30.8

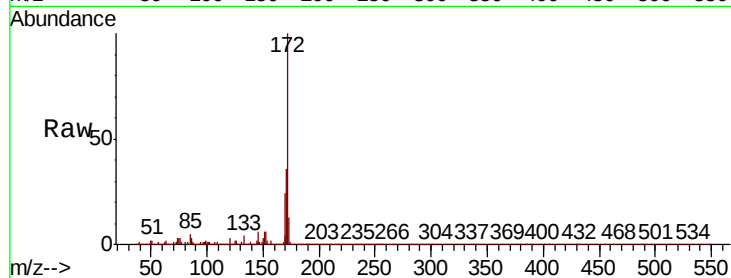




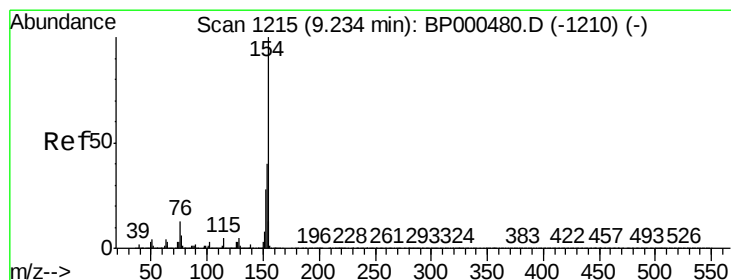
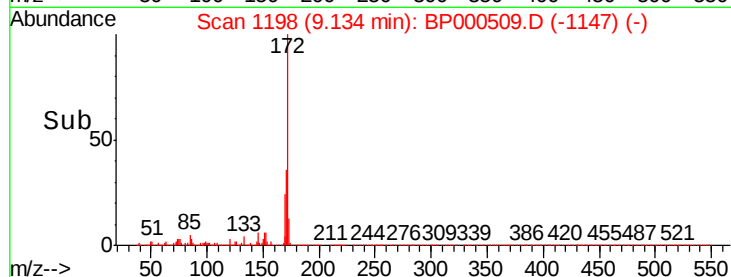
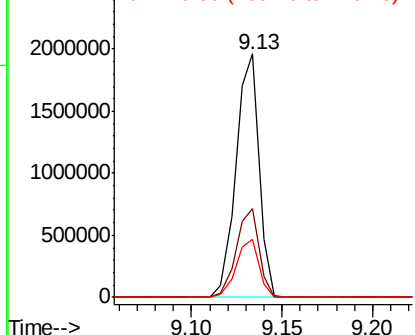
#45
2-Fluorobiphenyl
Concen: 64.728 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampled :

Tot Ion:172 Resp: 1728875
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 23.8 19.1 28.7

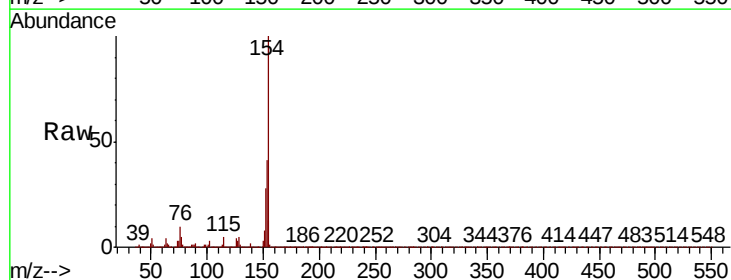


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

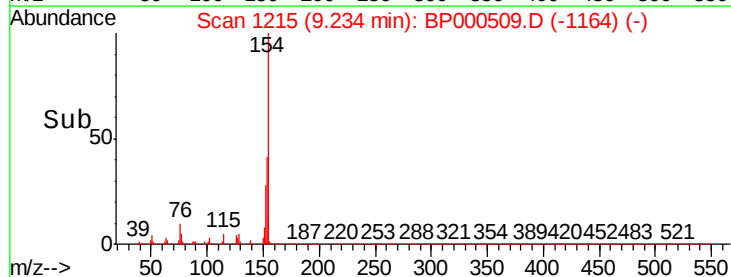
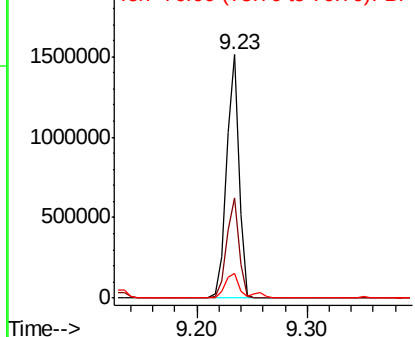


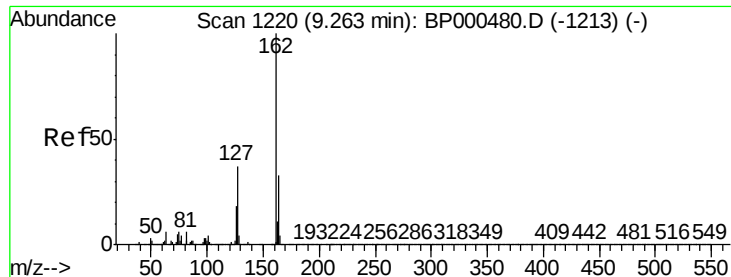
#46
1,1'-Biphenyl
Concen: 36.548 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:154 Resp: 1192199
Ion Ratio Lower Upper
154 100
153 41.2 19.9 59.9
76 10.1 0.0 32.8



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





#47

2-Chloronaphthalene

Concen: 37.228 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BP000509.D

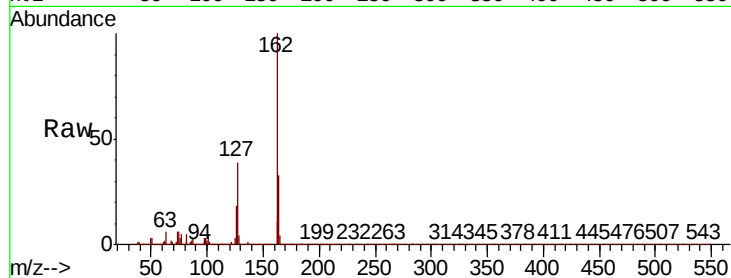
Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

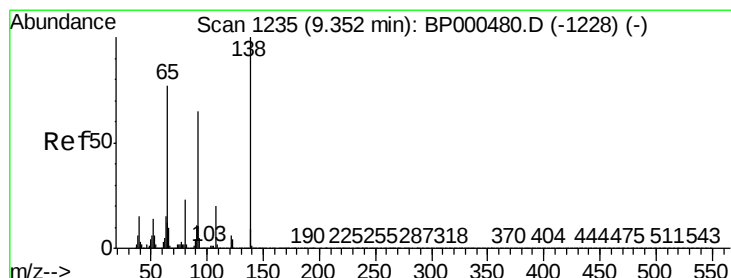
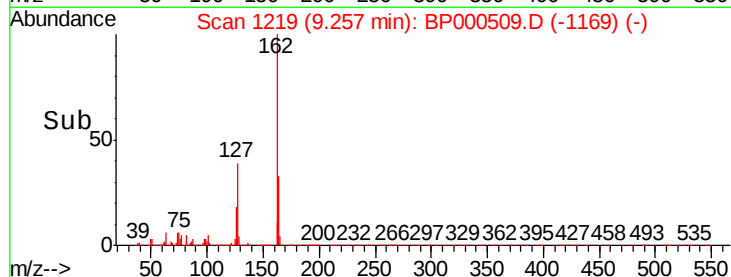
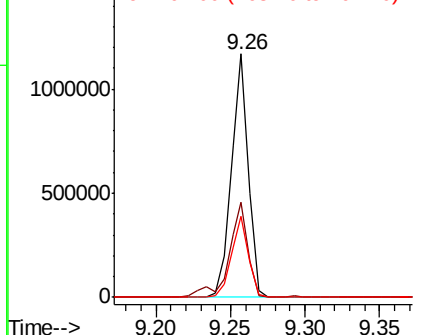
Tot Ion:	162	Resp:	939055
Ion	Ratio	Lower	Upper
162	100		
127	39.3	29.8	44.6
164	33.4	26.6	39.8



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: 34.813 ng

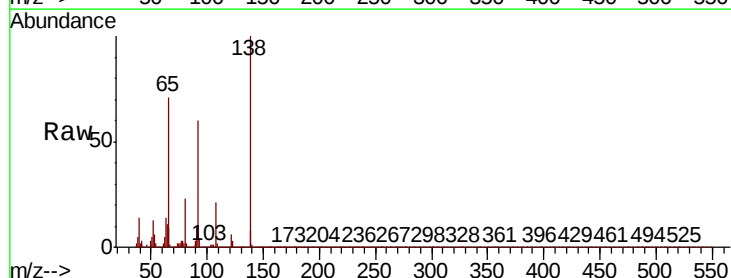
RT: 9.35 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

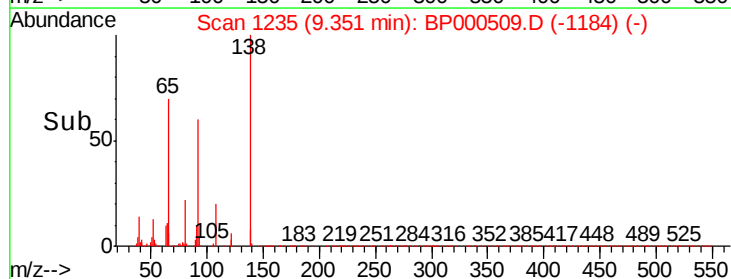
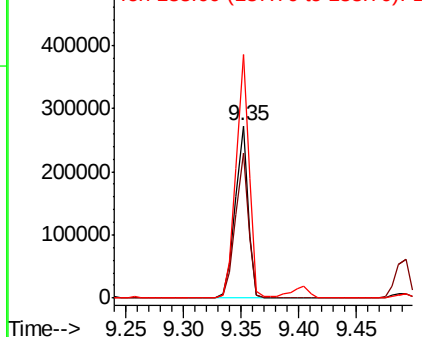
Tgt Ion:	65	Resp:	212598
Ion	Ratio	Lower	Upper
65	100		
92	84.2	67.0	100.4
138	141.2	103.5	155.3

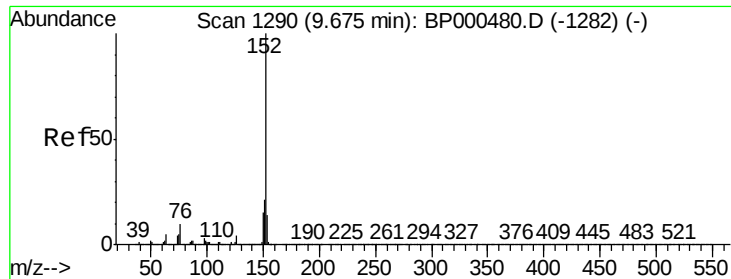


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E

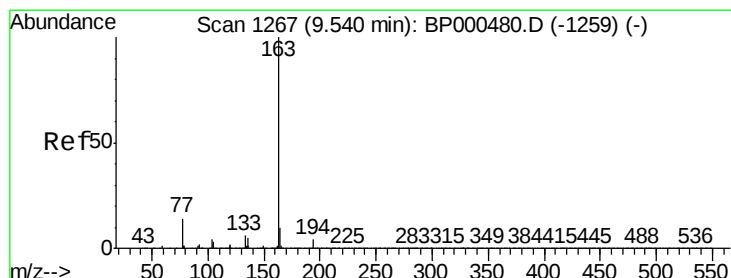
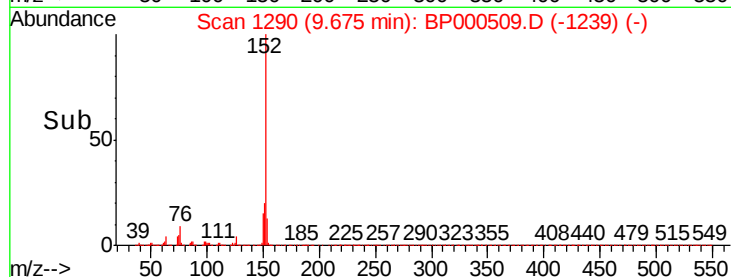
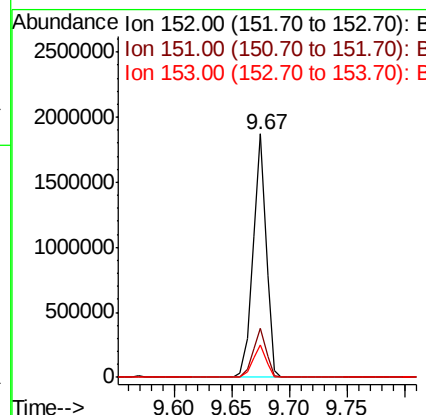
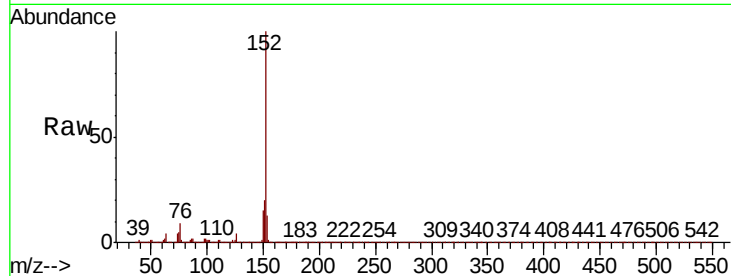




#49
Acenaphthylene
Concen: 38.312 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

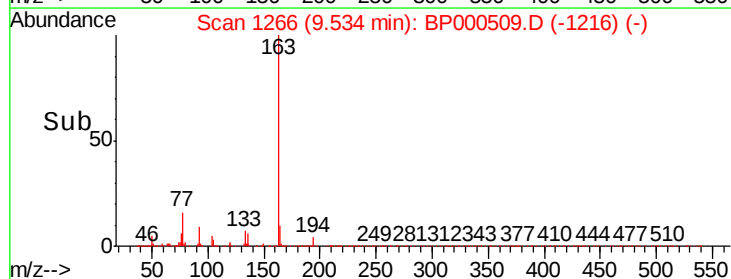
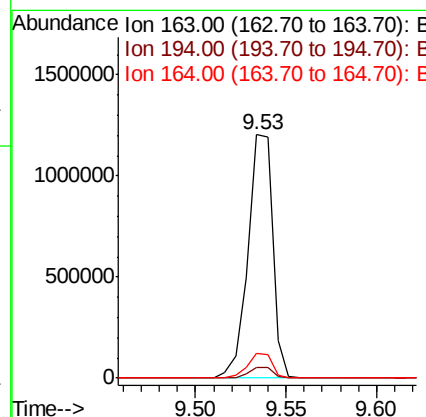
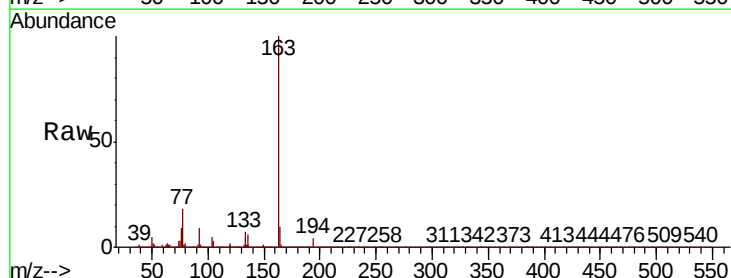
Instrument :
BNA_P
ClientSampled :

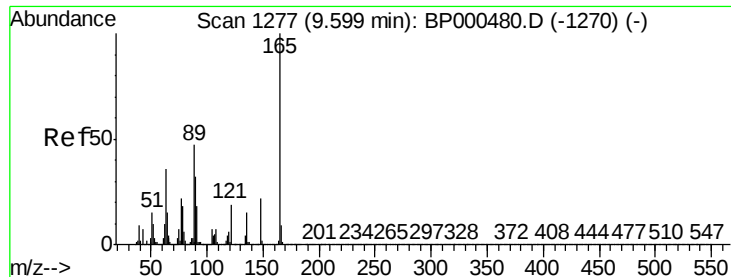
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	13.2	11.0	16.6



#50
Dimethylphthalate
Concen: 37.887 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 38.587 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

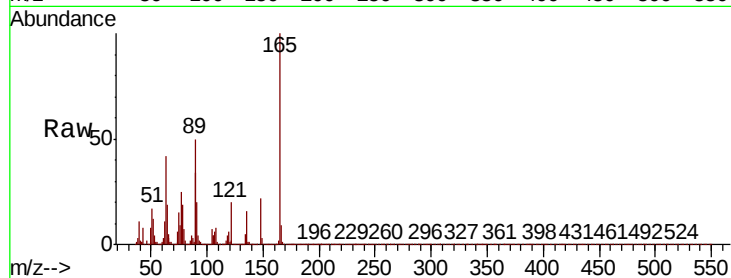
Tot Ion:165 Resp: 252681

Ion Ratio Lower Upper

165 100

63 41.9 29.9 44.9

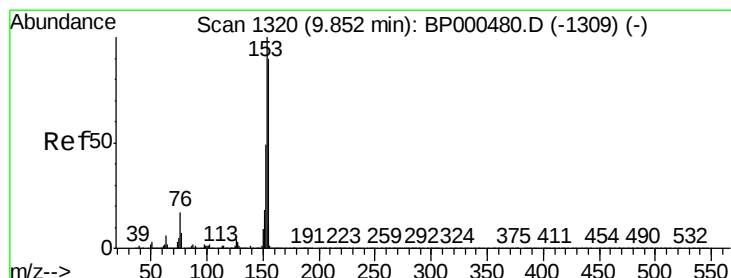
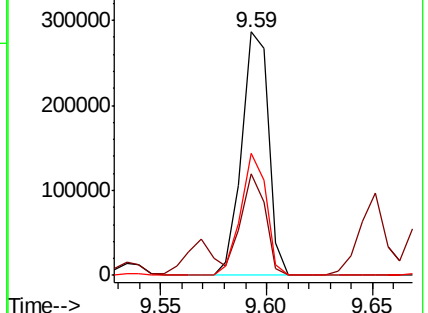
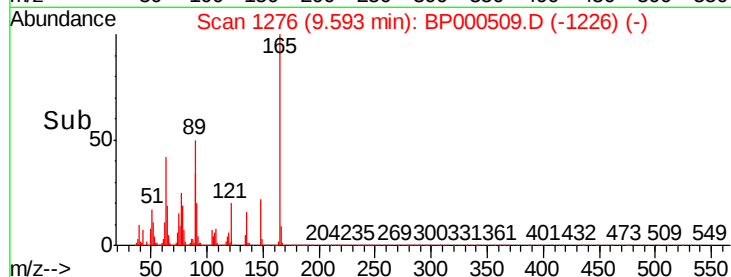
89 50.2 37.3 55.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 39.971 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

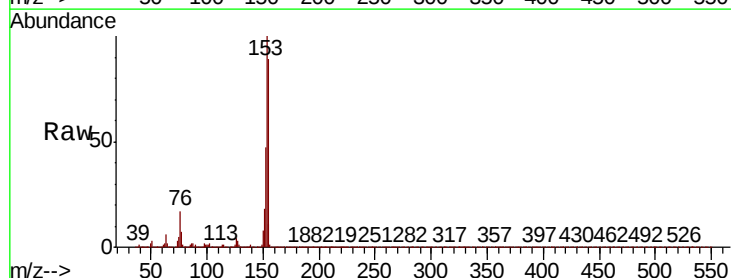
Tgt Ion:154 Resp: 922714

Ion Ratio Lower Upper

154 100

153 112.6 89.4 134.0

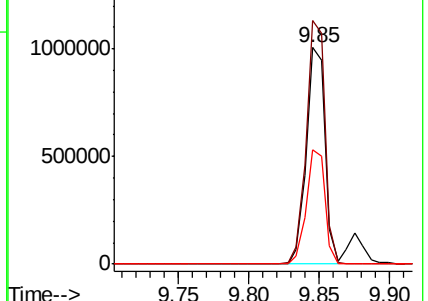
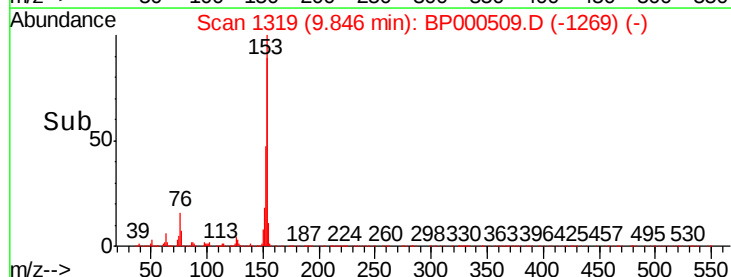
152 53.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

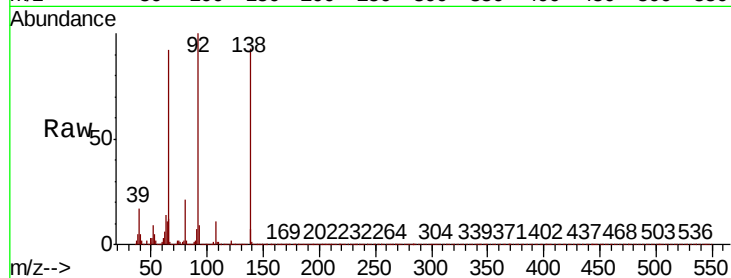




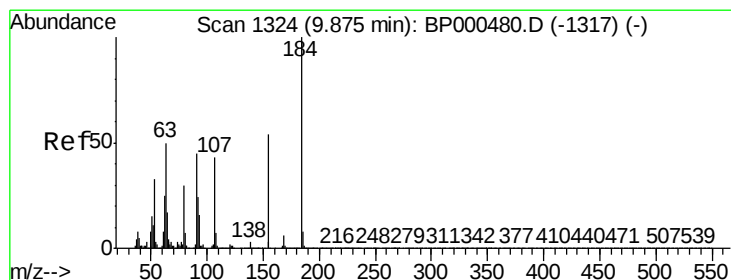
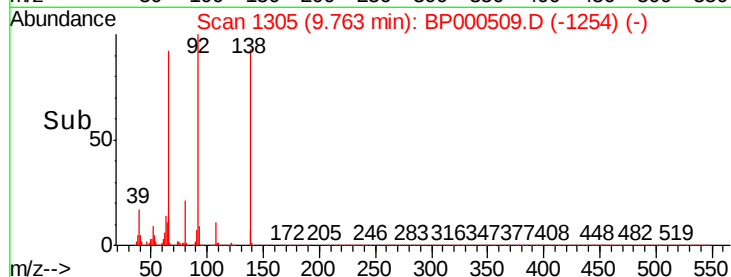
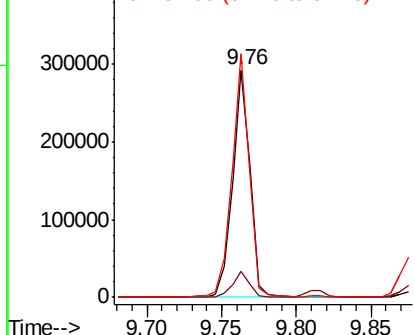
#53
3-Nitroaniline
Concen: 32.253 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 242009
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 107.0 90.4 135.6

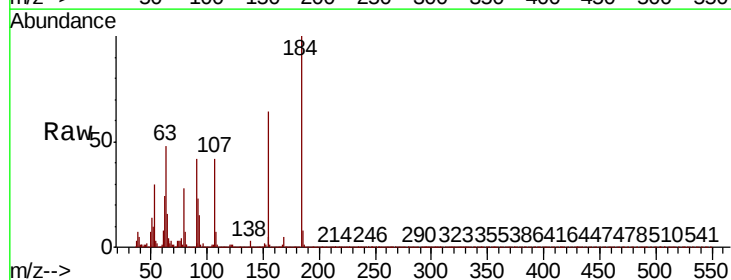


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

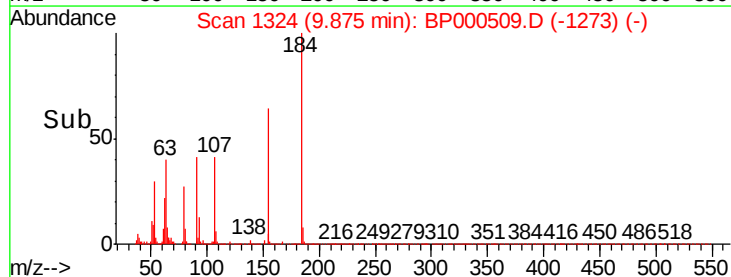
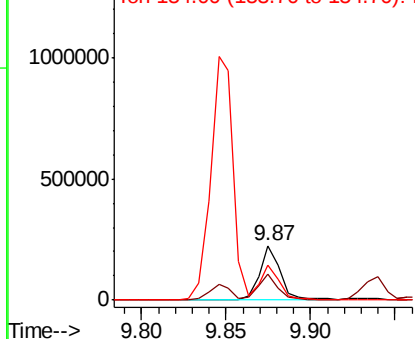


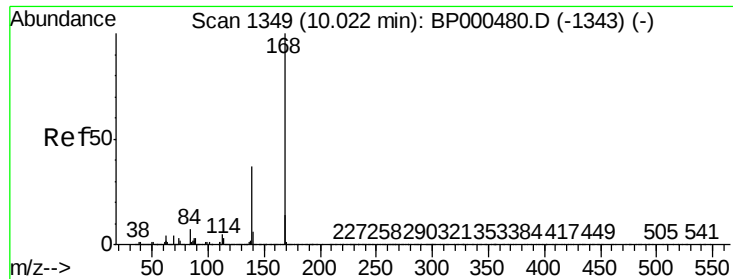
#54
2,4-Dinitrophenol
Concen: 87.579 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:184 Resp: 191370
Ion Ratio Lower Upper
184 100
63 48.2 41.0 61.4
154 63.8 49.8 74.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

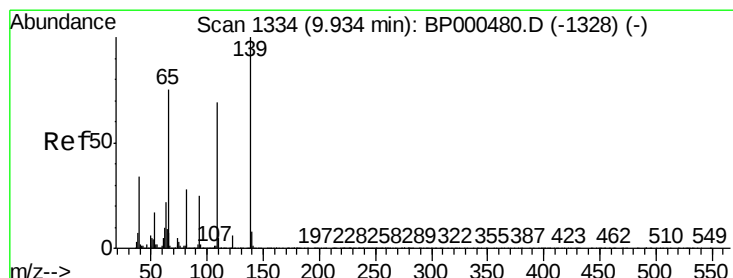
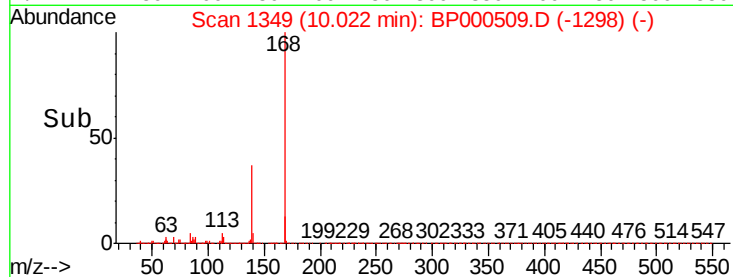
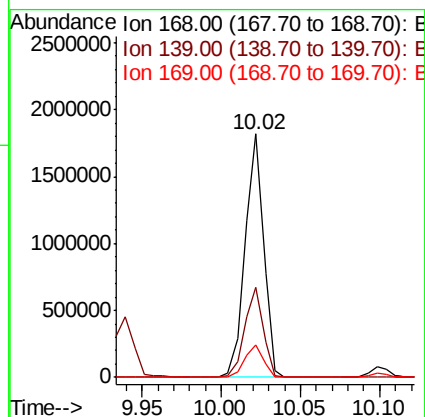
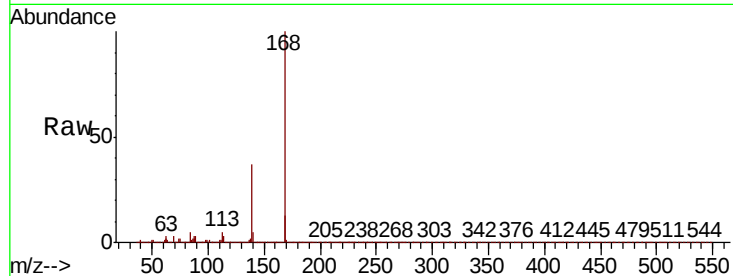




#55
Dibenzofuran
Concen: 42.337 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

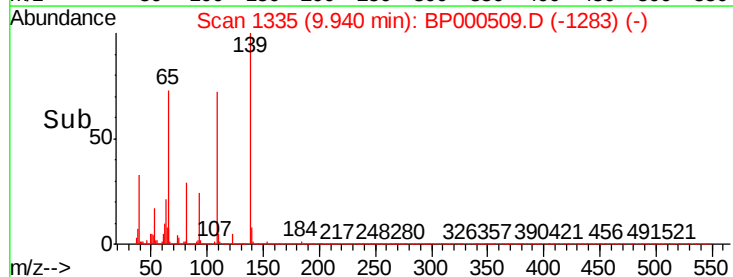
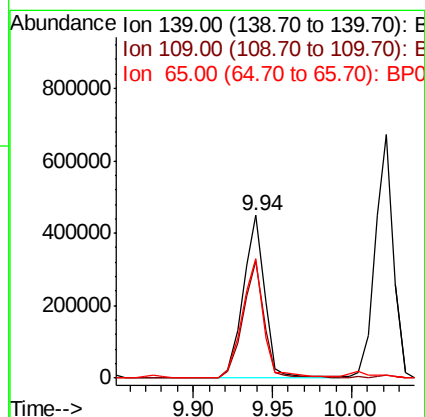
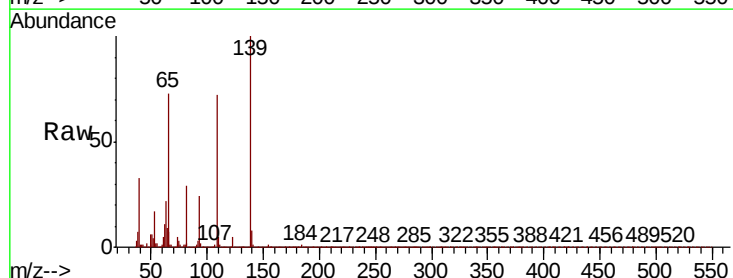
Instrument :
BNA_P
ClientSampleId :

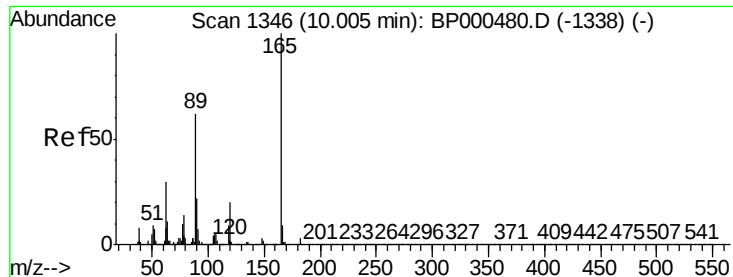
Tot Ion:168 Resp: 1460978
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.4 11.1 16.7



#56
4-Nitrophenol
Concen: 87.615 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:139 Resp: 419712
Ion Ratio Lower Upper
139 100
109 71.8 48.6 88.6
65 73.4 55.3 95.3

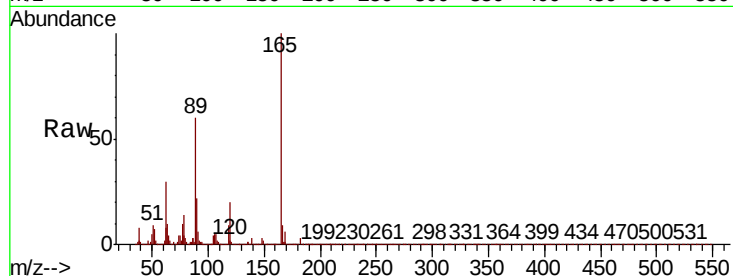




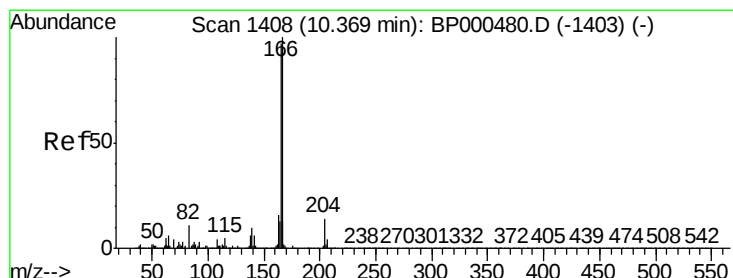
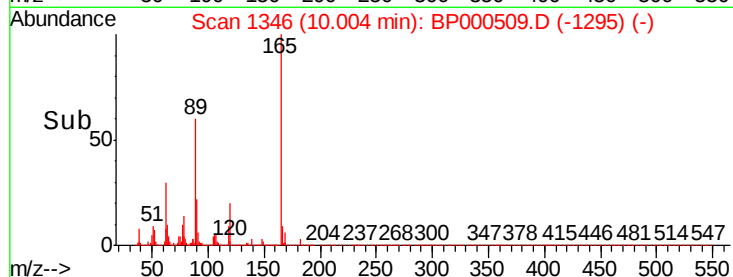
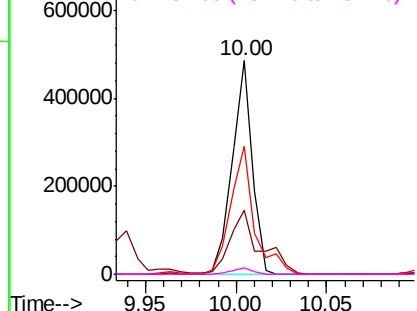
#57
2,4-Dinitrotoluene
Concen: 43.082 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	374065
Ion	Ratio	Lower Upper
165	100	
63	30.1	24.2 36.4
89	60.2	49.4 74.0
182	3.1	2.5 3.7

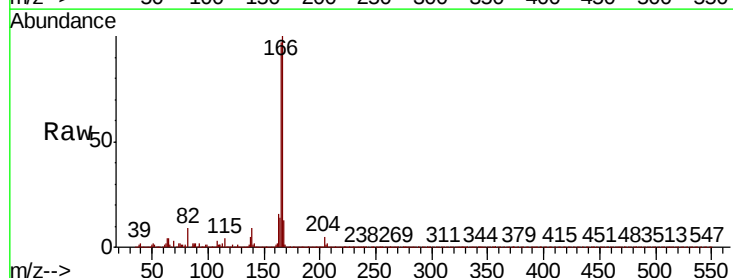


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

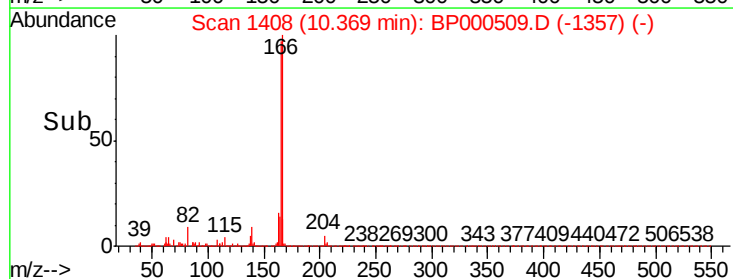
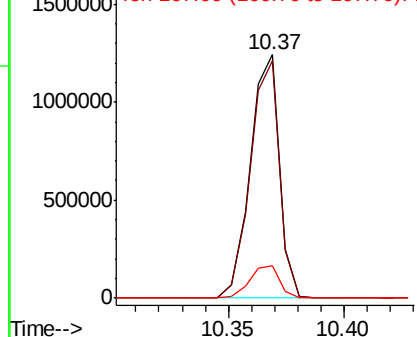


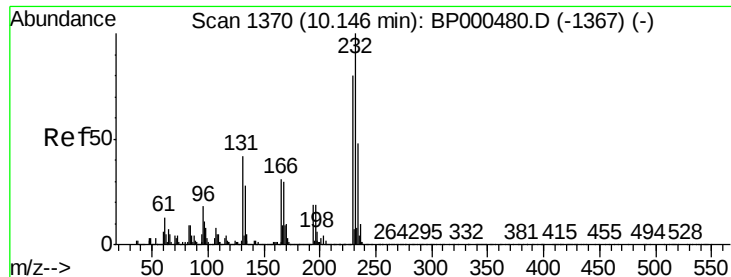
#58
Fluorene
Concen: 44.518 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:166	Resp:	1094887
Ion	Ratio	Lower Upper
166	100	
165	97.3	77.3 115.9
167	13.3	10.6 16.0



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

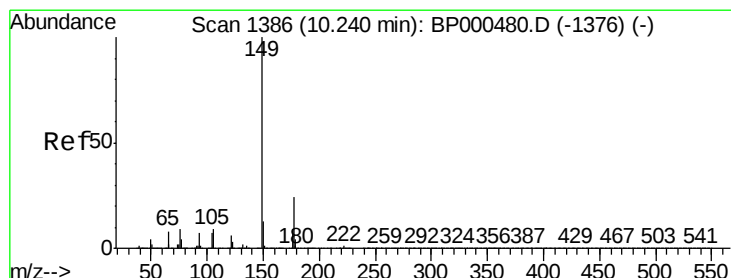
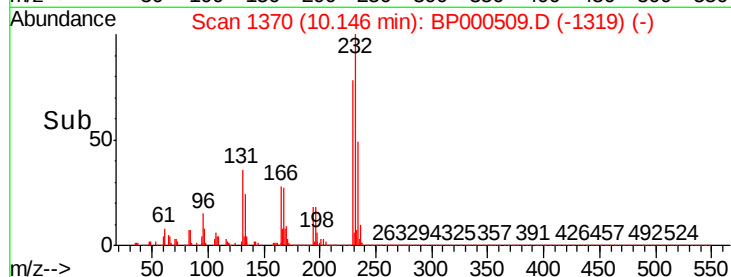
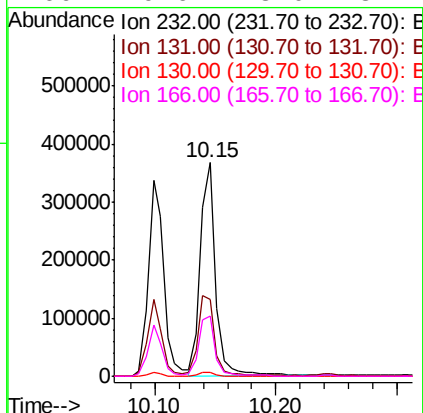
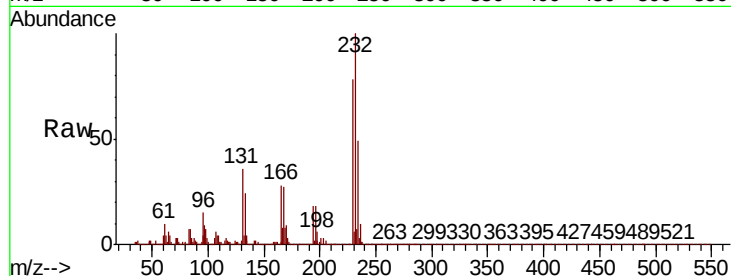




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.199 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

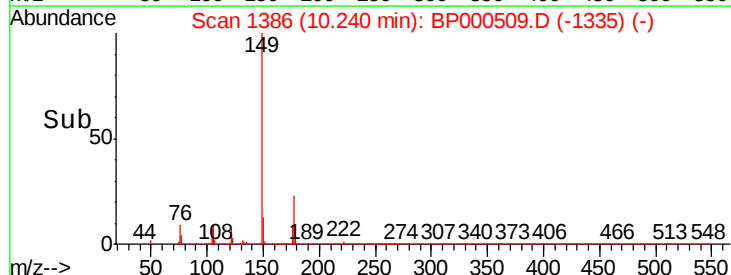
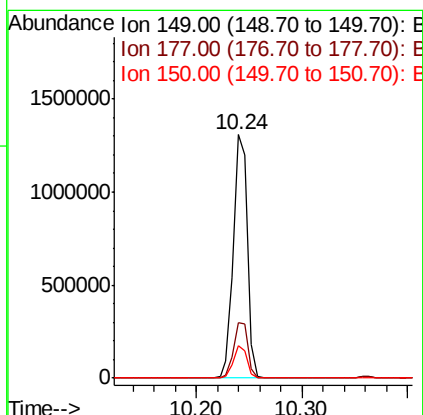
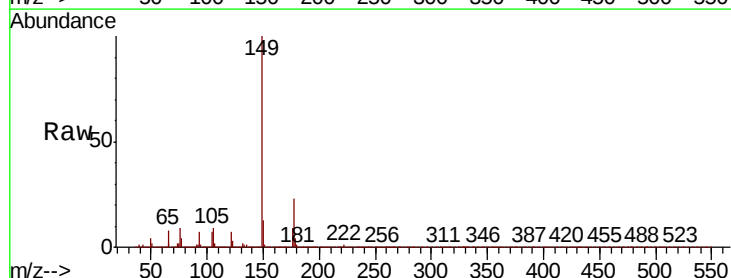
Instrument :
BNA_P
ClientSampled :

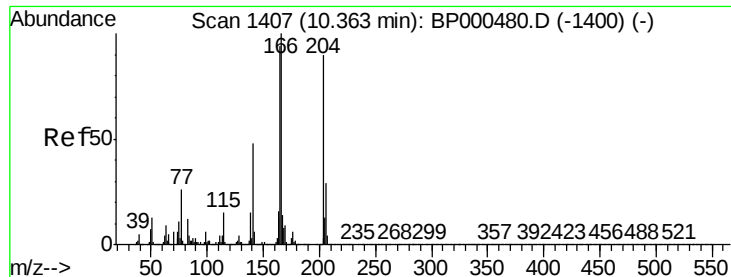
Tot Ion:	232	Resp:	324825
Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.1	48.1
130	2.2	1.6	2.4
166	29.6	23.0	34.4



#60
Diethylphthalate
Concen: 41.319 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:	149	Resp:	1177821
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	13.1	10.8	16.2

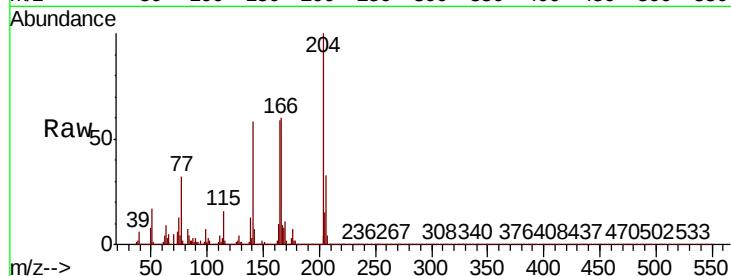




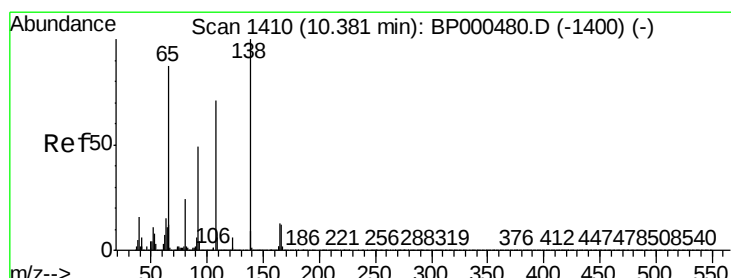
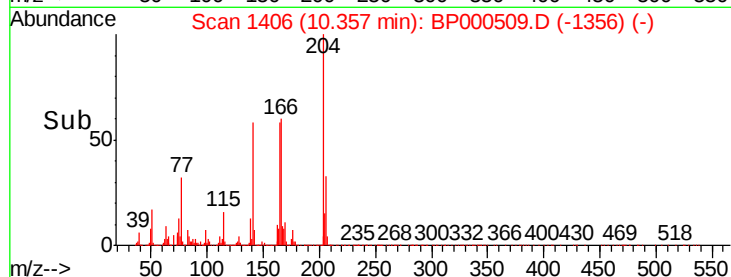
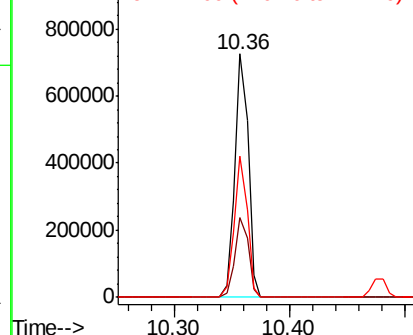
#61
4-Chlorophenyl-phenylether
Concen: 44.121 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 583516
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 57.8 42.8 64.2

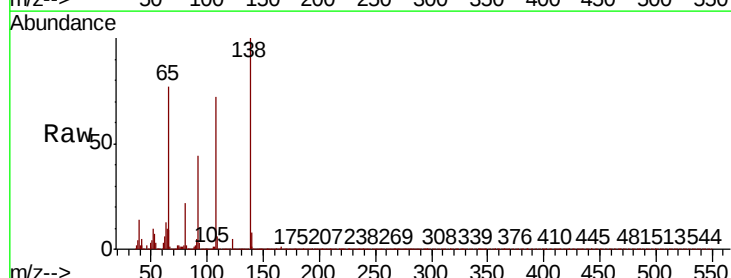


Abundance Ion 204.00 (203.70 to 204.70): E
1000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

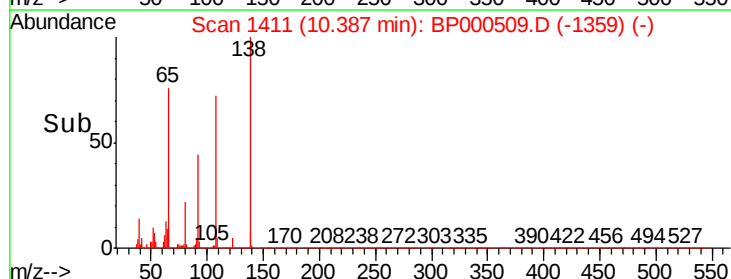
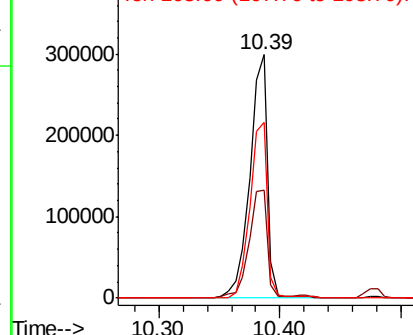


#62
4-Nitroaniline
Concen: 42.399 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:138 Resp: 305969
Ion Ratio Lower Upper
138 100
92 44.3 28.7 68.7
108 72.0 50.6 90.6



Abundance Ion 138.00 (137.70 to 138.70): E
400000
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E

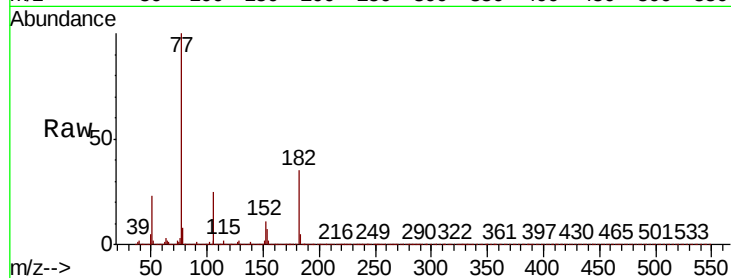




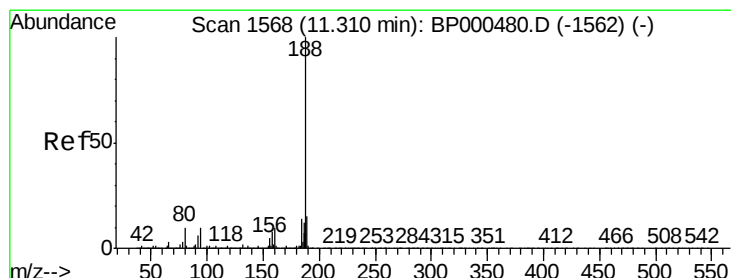
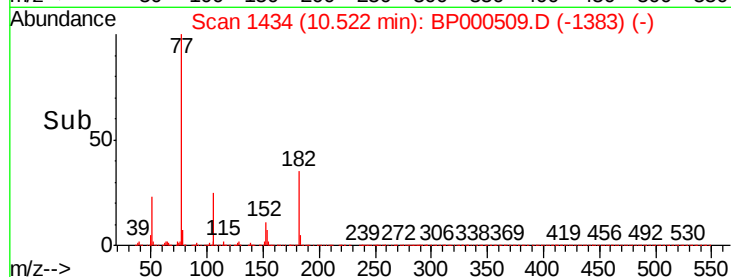
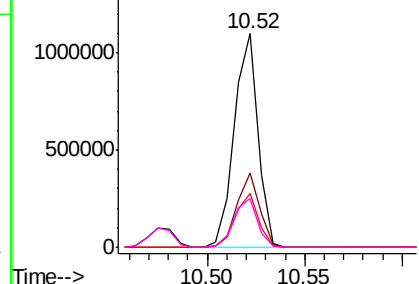
#63
Azobenzene
Concen: 42.167 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	922833
Ion	Ratio	Lower	Upper
77	100		
182	34.7	9.0	49.0
105	25.0	3.8	43.8
51	23.0	1.9	41.9

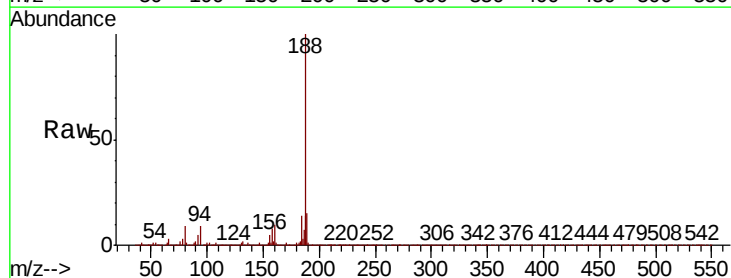


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

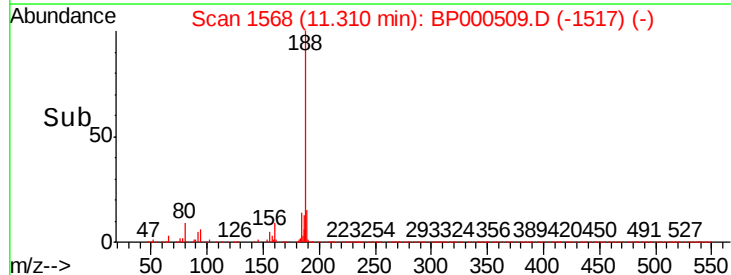
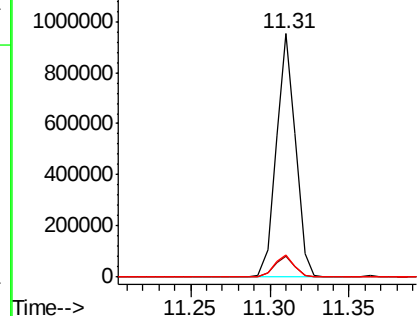


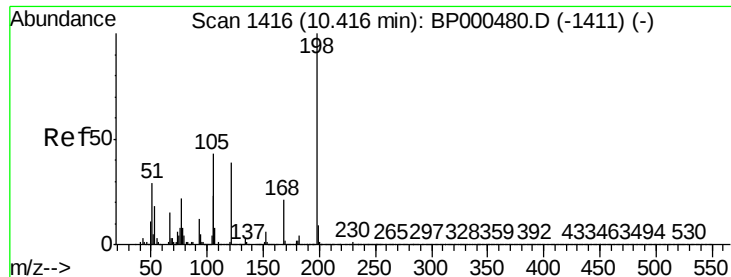
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:	188	Resp:	808634
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.1	8.3	12.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.560 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

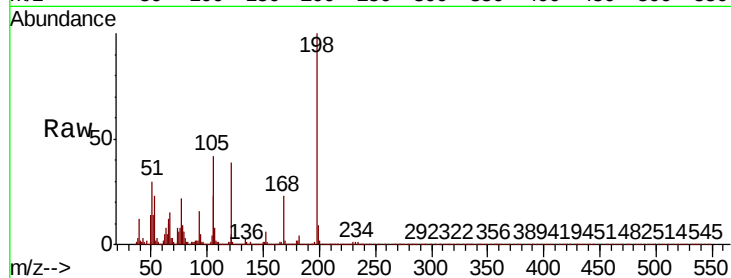
Tot Ion:198 Resp: 166899

Ion Ratio Lower Upper

198 100

51 30.4 12.8 52.8

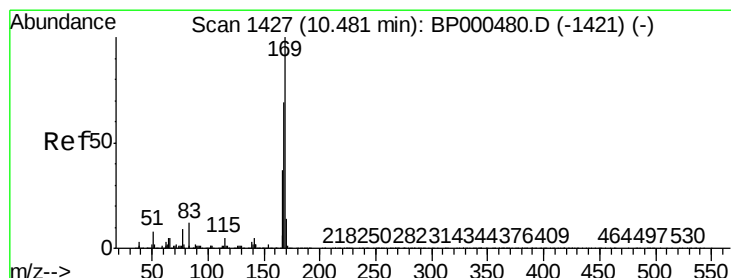
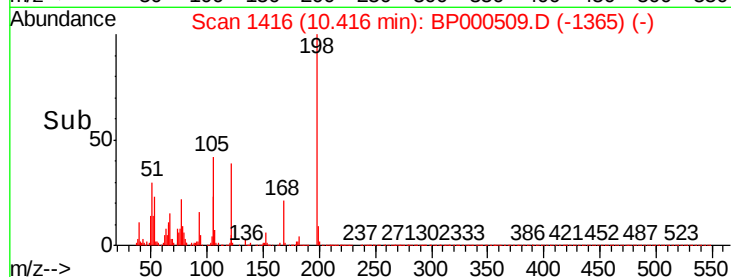
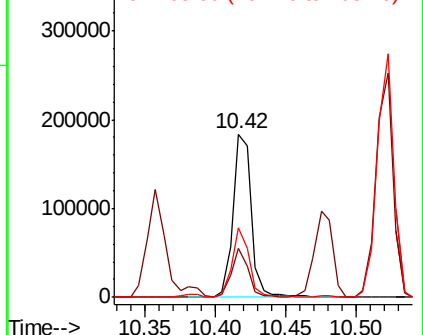
105 42.2 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.751 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

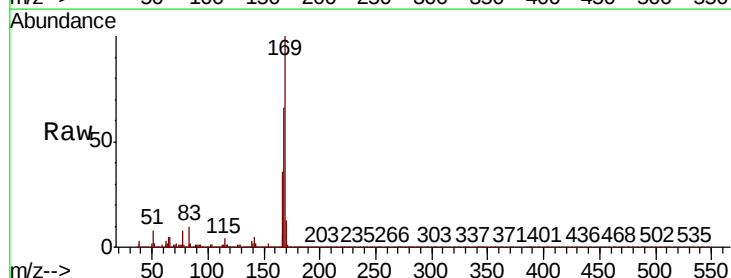
Tgt Ion:169 Resp: 1006846

Ion Ratio Lower Upper

169 100

168 66.1 55.4 83.2

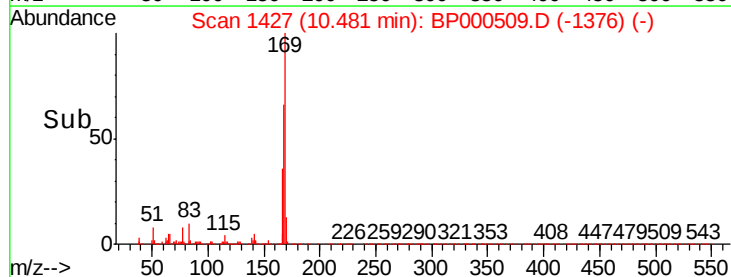
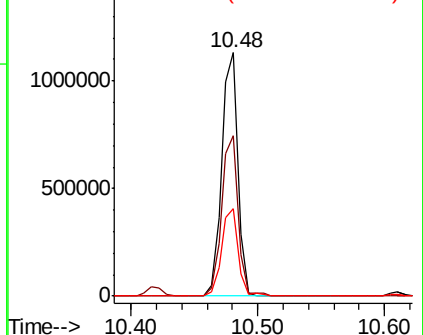
167 36.1 29.4 44.2

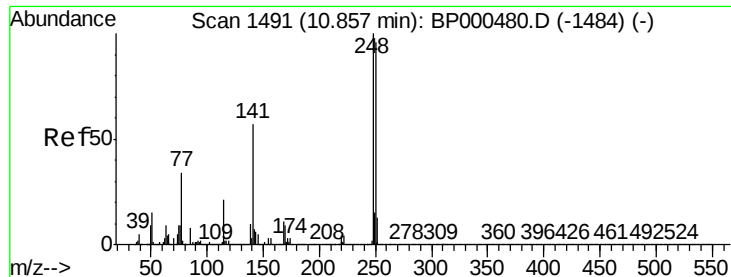


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

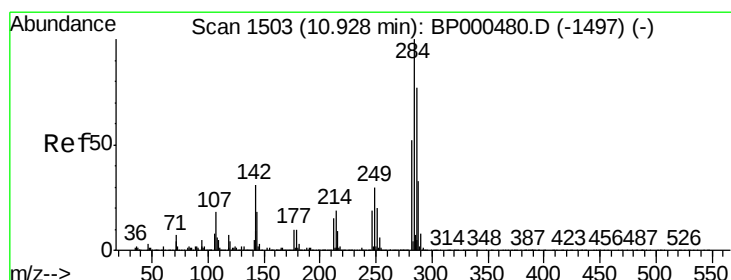
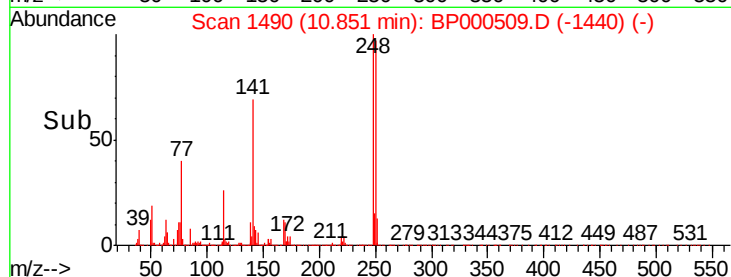
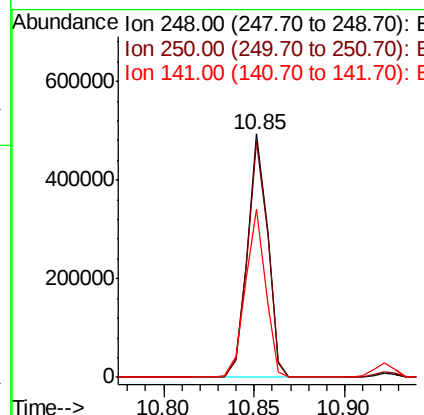
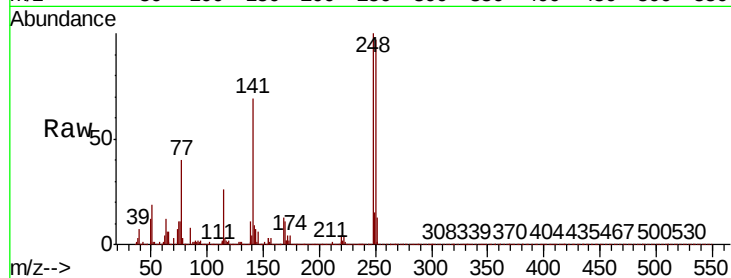




#67
4-Bromophenyl-phenylether
Concen: 42.297 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

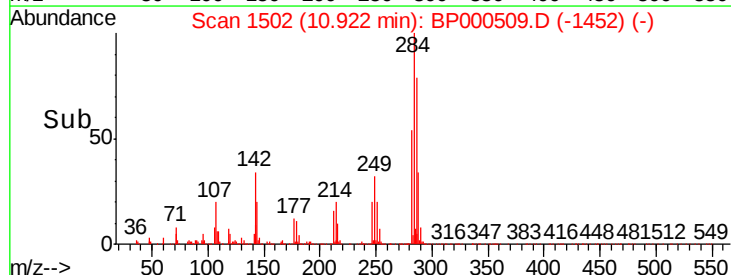
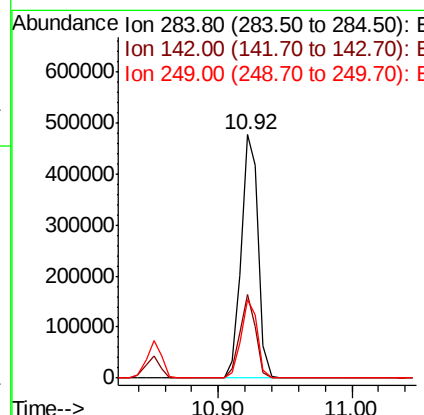
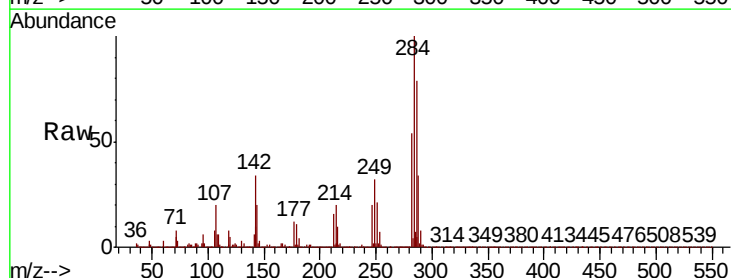
Instrument :
BNA_P
ClientSampleId :

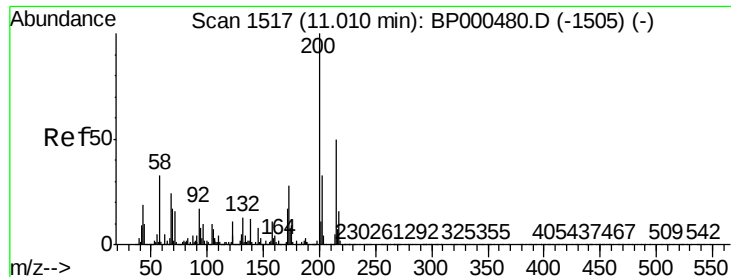
Tot Ion:248 Resp: 385012
Ion Ratio Lower Upper
248 100
250 97.2 77.2 115.8
141 69.0 45.3 67.9#



#68
Hexachlorobenzene
Concen: 40.893 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:284 Resp: 422993
Ion Ratio Lower Upper
284 100
142 34.3 24.6 37.0
249 32.1 24.1 36.1





#69

Atrazine

Concen: 42.064 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampled :

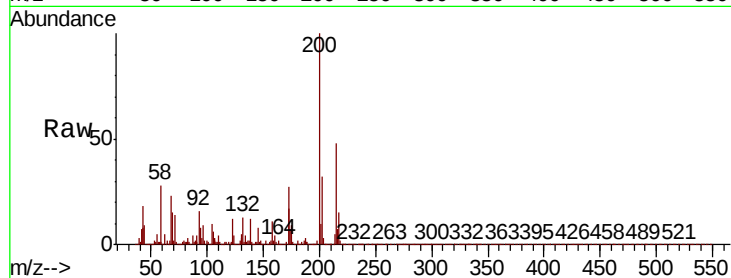
Tot Ion:200 Resp: 325106

Ion Ratio Lower Upper

200 100

173 27.4 7.6 47.6

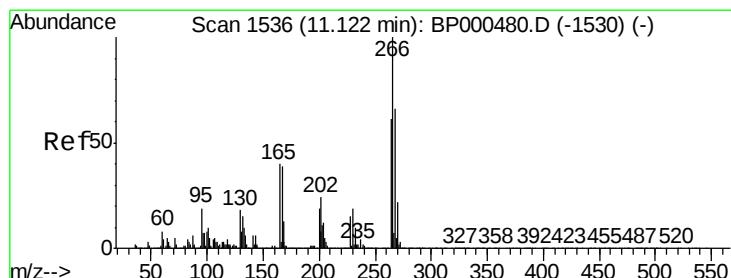
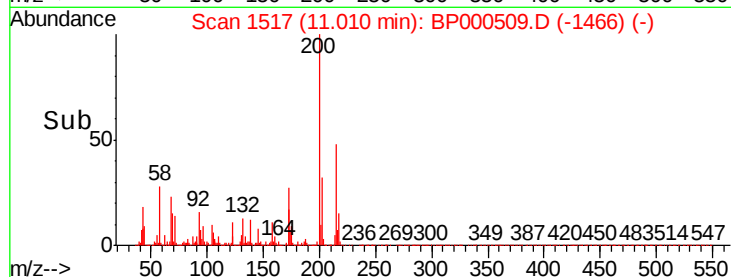
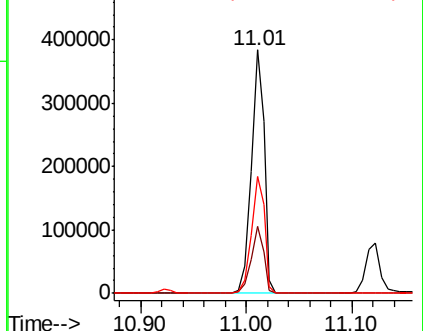
215 48.0 29.5 69.5



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: 103.058 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

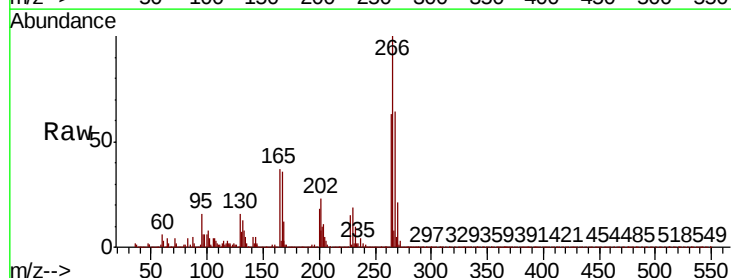
Tgt Ion:266 Resp: 428166

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

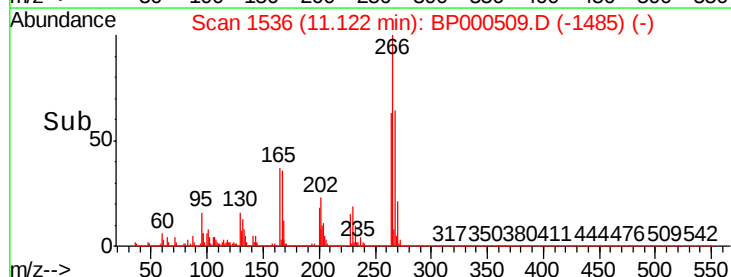
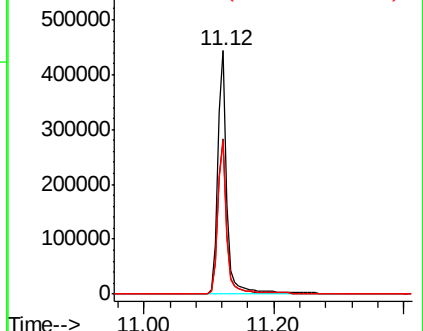
264 62.9 49.0 73.4

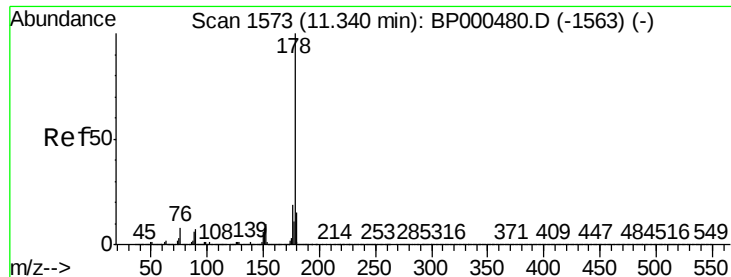


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.439 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

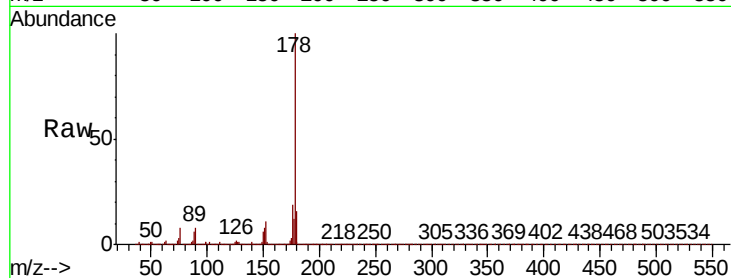
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1682890

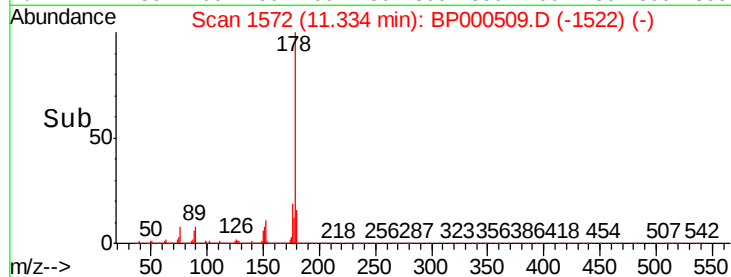
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.0	12.2	18.4



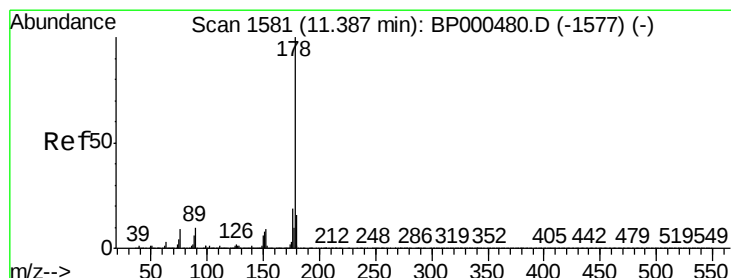
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 42.459 ng

RT: 11.39 min Scan# 1581

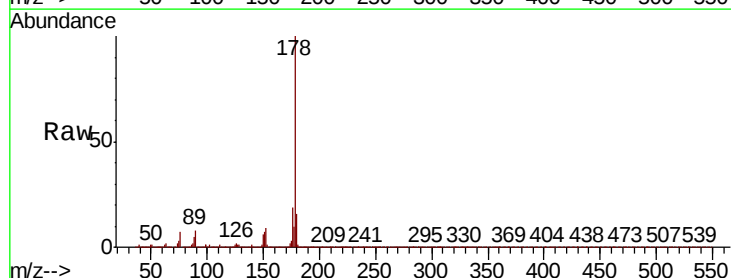
Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion:178 Resp: 1709739

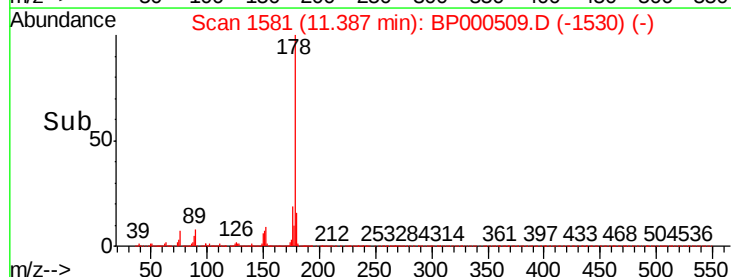
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.6	19.0



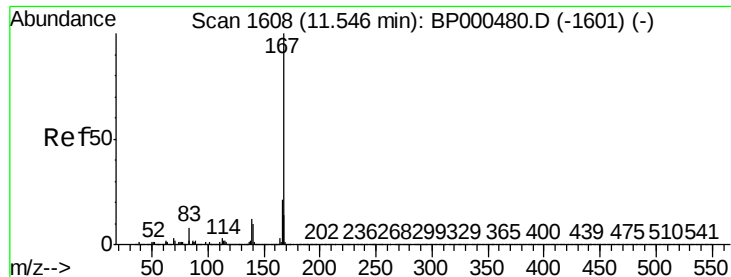
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



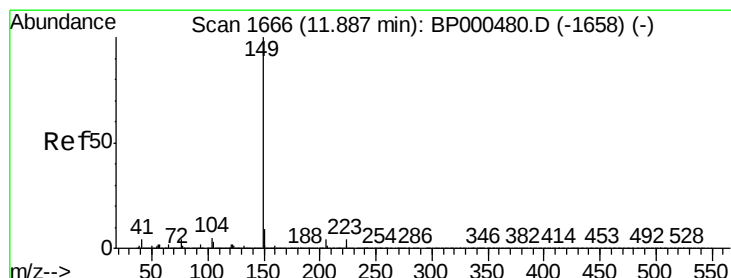
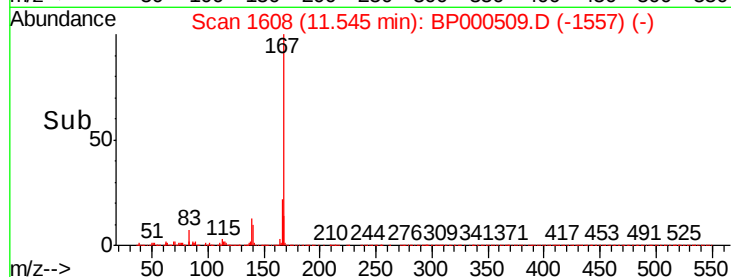
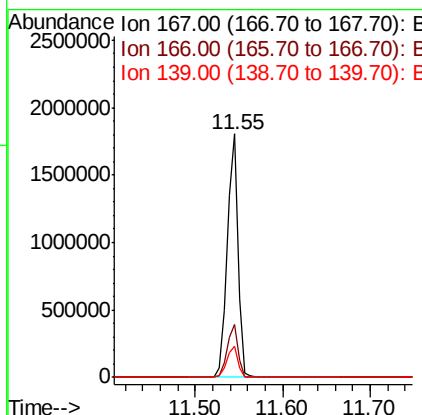
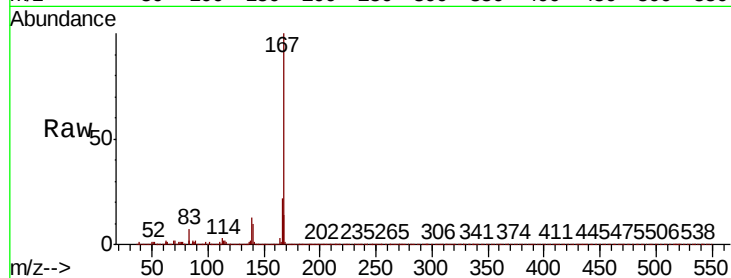
Time-->



#73
 Carbazole
 Concen: 41.491 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

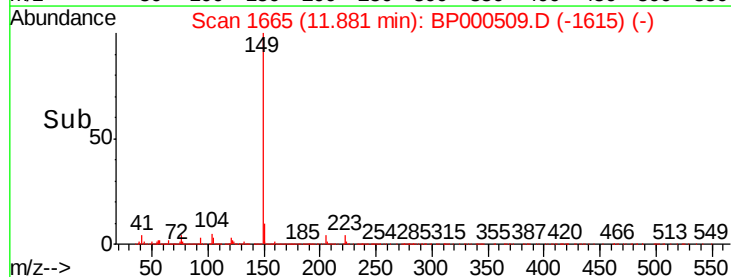
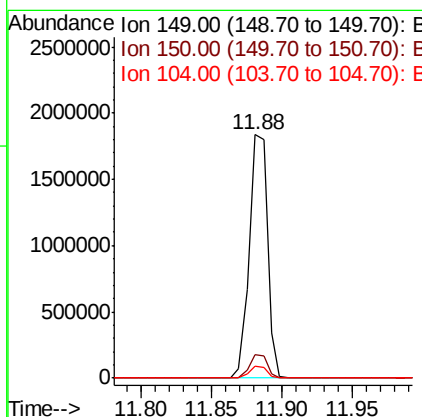
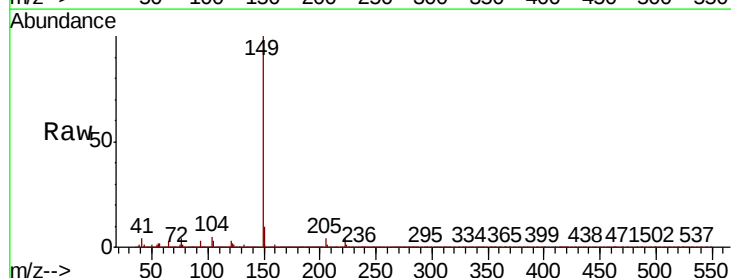
Instrument :
 BNA_P
 ClientSampleId :

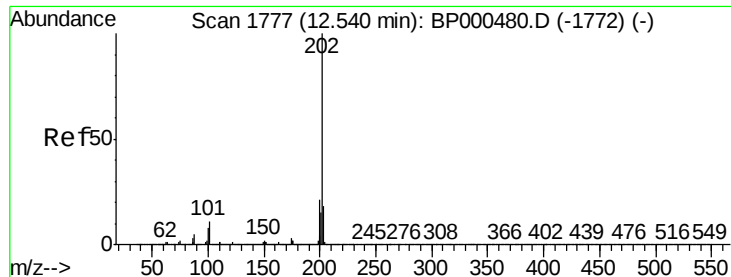
Tot Ion:167 Resp: 1548752
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.9 25.3
 139 12.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 36.914 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

Tgt Ion:149 Resp: 1678537
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 41.728 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

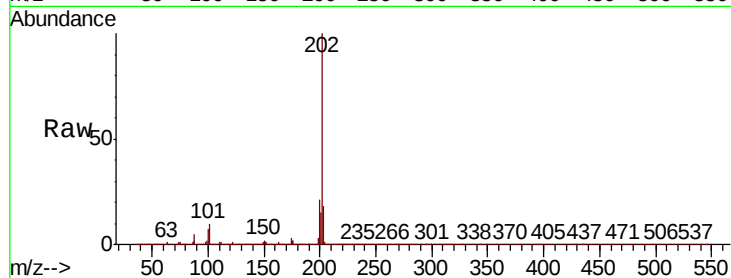
Tot Ion:202 Resp: 1903267

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.3

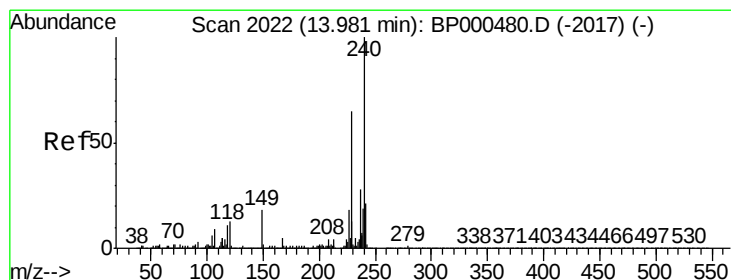
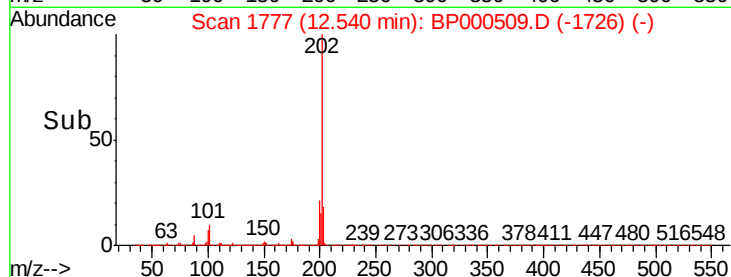
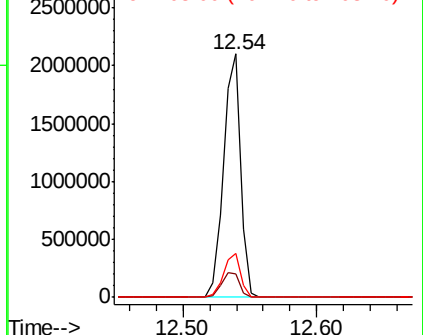
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

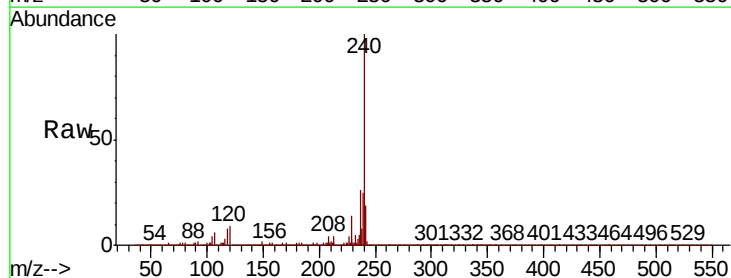
Tgt Ion:240 Resp: 691900

Ion Ratio Lower Upper

240 100

120 9.0 10.1 15.1#

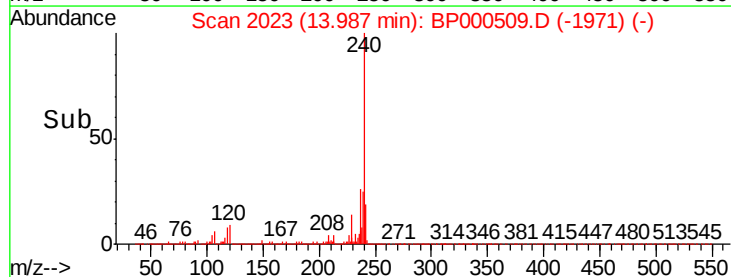
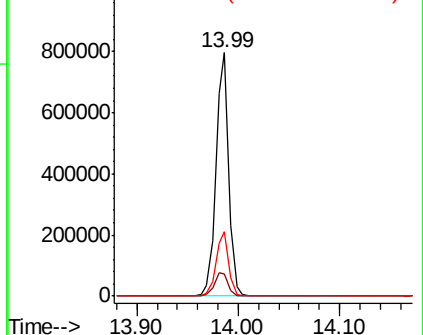
236 26.2 22.7 34.1

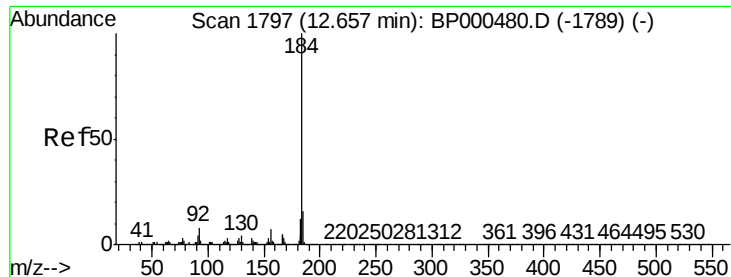


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.149 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

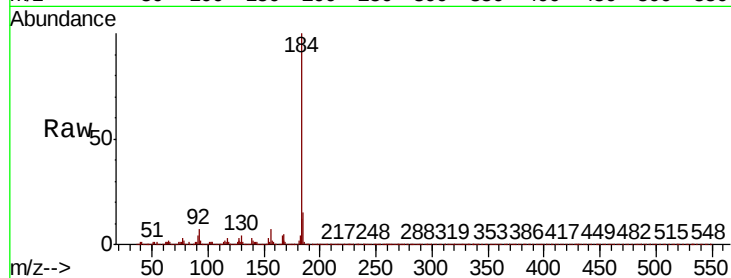
Tot Ion:184 Resp: 563976

Ion Ratio Lower Upper

184 100

185 14.9 12.7 19.1

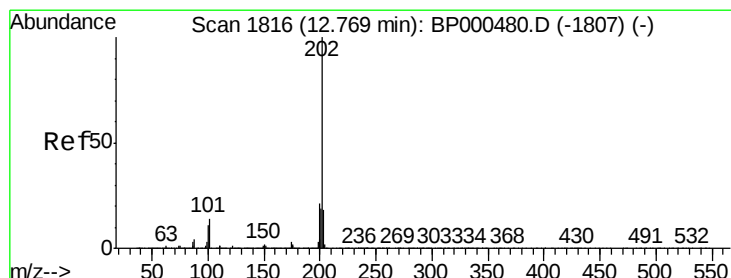
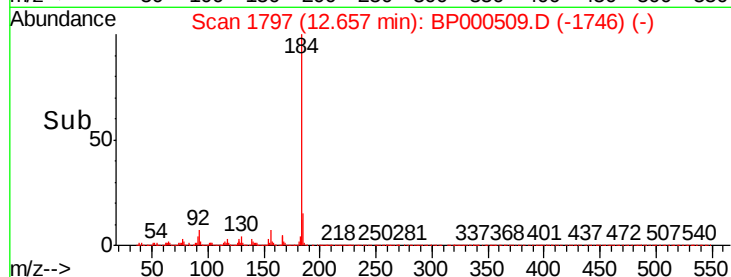
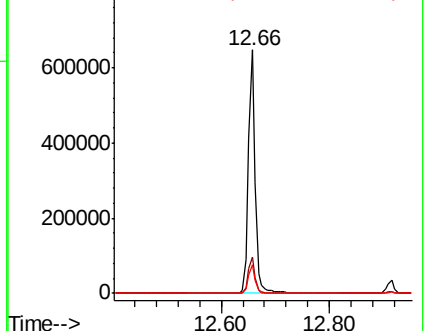
183 12.0 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.516 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

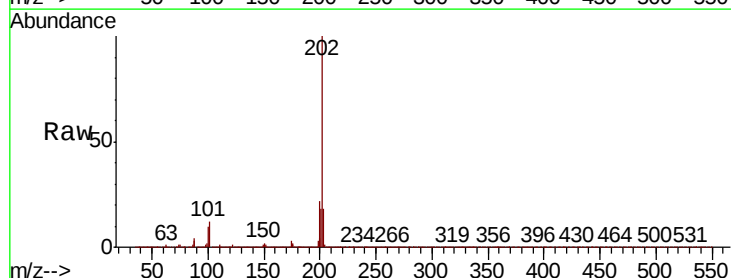
Tgt Ion:202 Resp: 1981170

Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

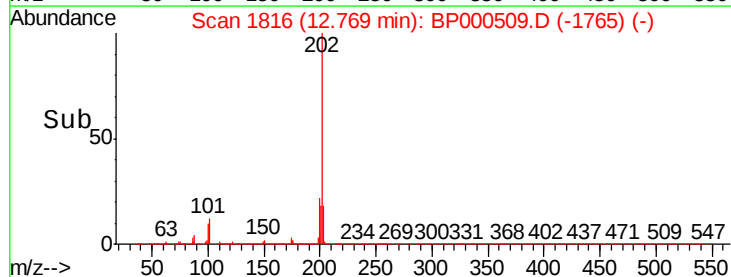
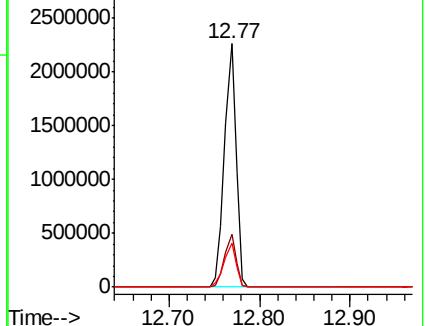
203 17.9 14.6 21.8

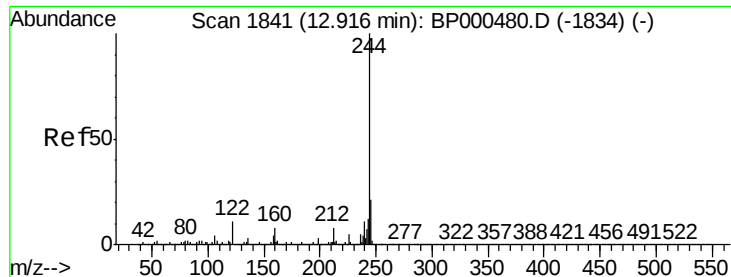


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

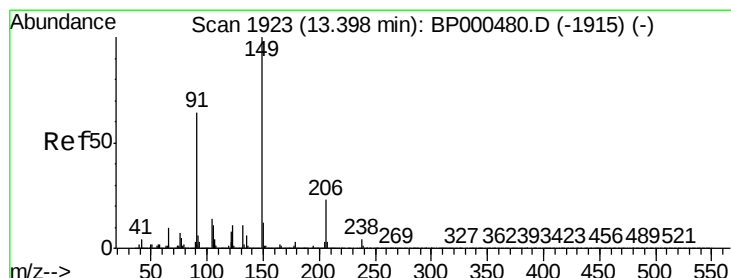
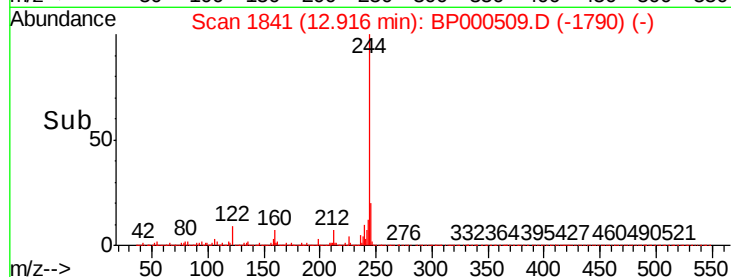
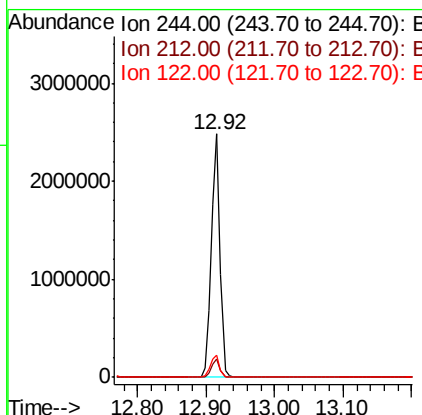
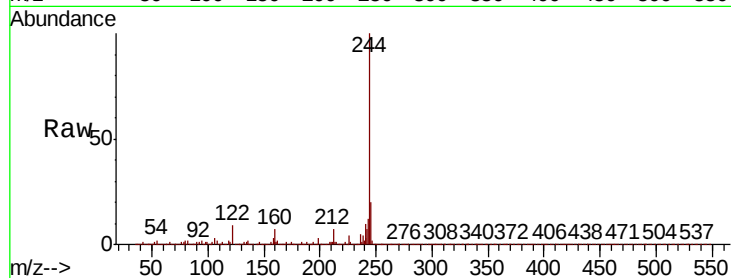




#79
 Terphenyl-d14
 Concen: 64.032 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

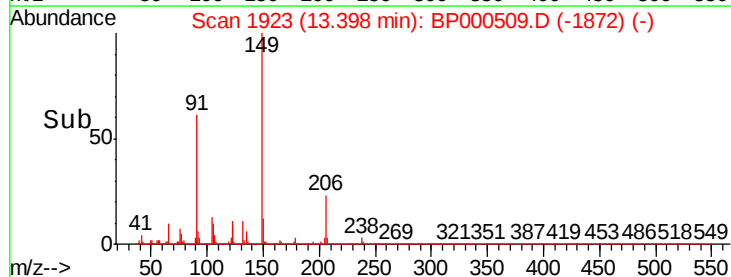
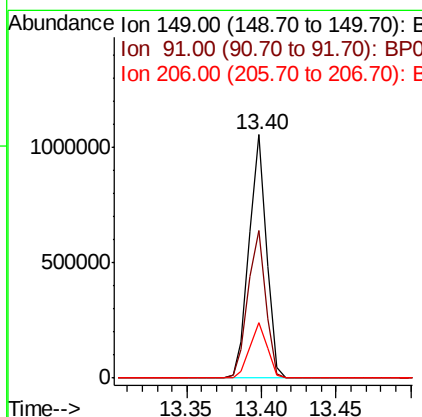
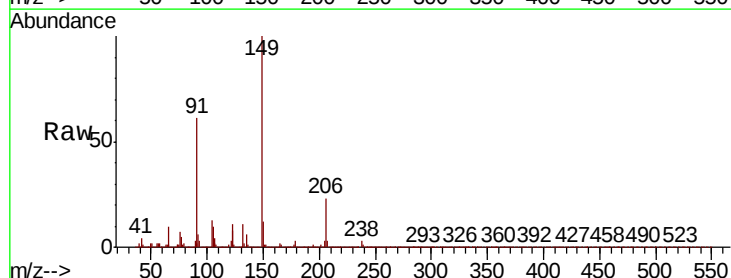
Instrument :
 BNA_P
 ClientSampleId :

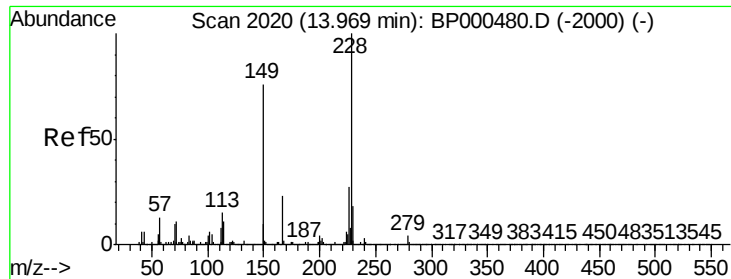
Tot Ion:244 Resp: 2188122
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.4 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 40.522 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BP000509.D
 Acq: 04 Oct 2019 16:00

Tgt Ion:149 Resp: 842622
 Ion Ratio Lower Upper
 149 100
 91 60.6 51.0 76.4
 206 22.6 18.2 27.4

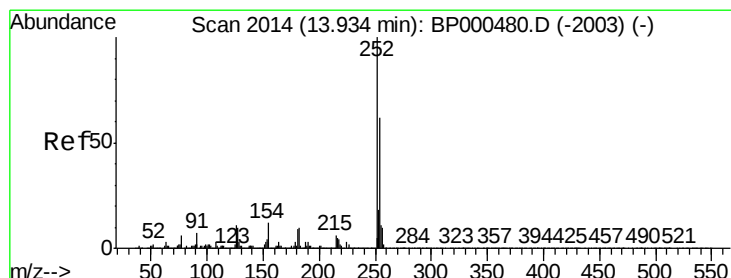
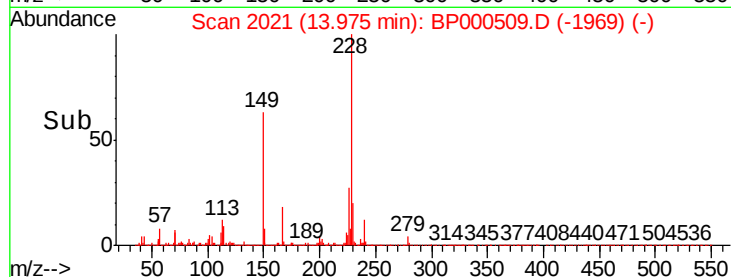
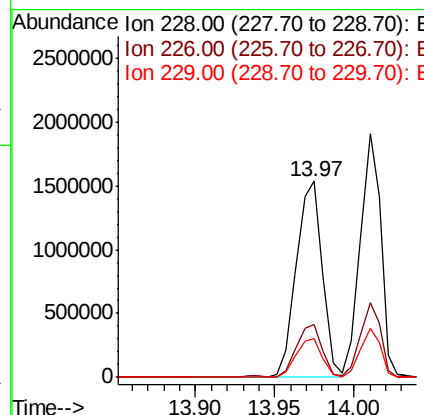
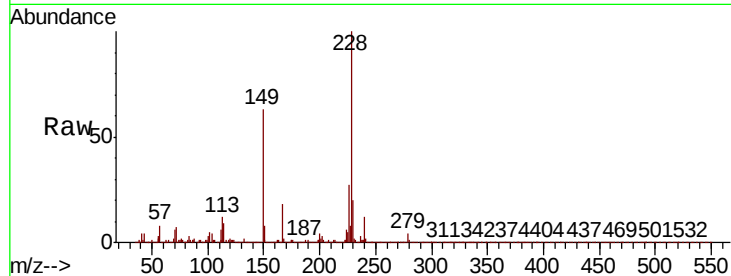




#81
Benzo(a)anthracene
Concen: 41.117 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

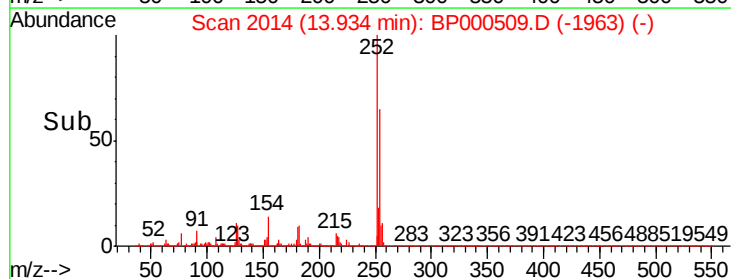
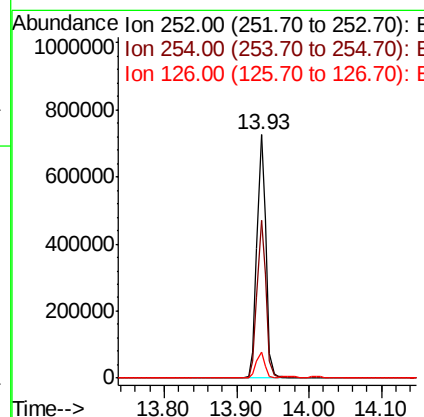
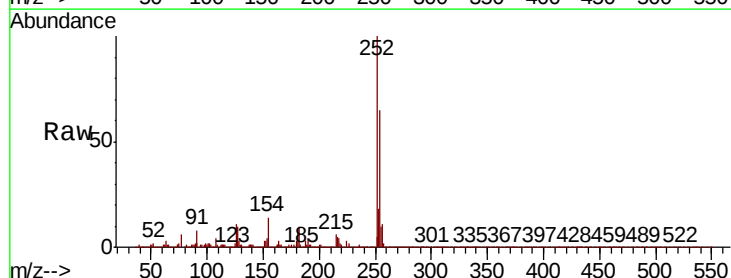
Instrument :
BNA_P
ClientSampleId :

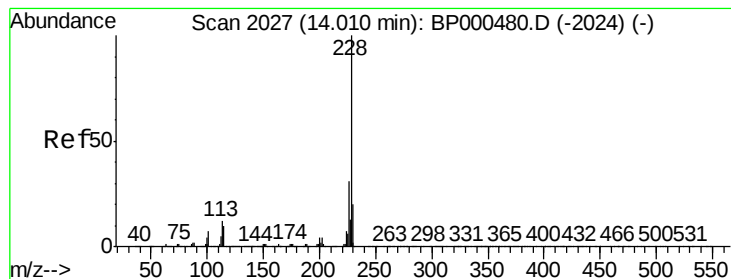
Tot Ion:228 Resp: 1735780
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.8 14.7 22.1



#82
3,3'-Dichlorobenzidine
Concen: 37.679 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:252 Resp: 631821
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 10.9 8.9 13.3





#83

Chrysene

Concen: 41.792 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampleId :

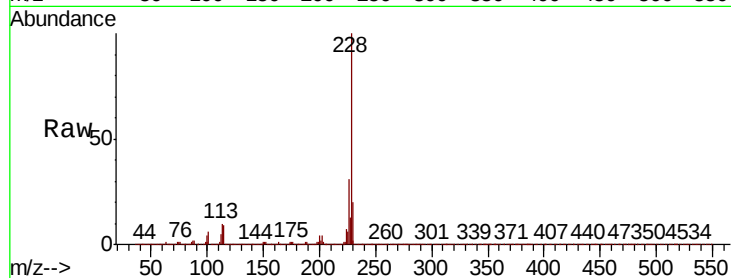
Tot Ion:228 Resp: 1731617

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.1	16.3	24.5

228 100

226 30.7 24.7 37.1

229 20.1 16.3 24.5

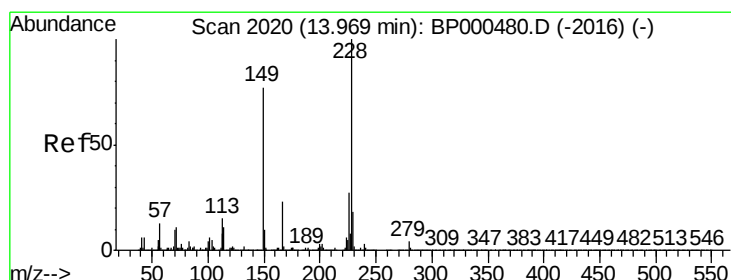
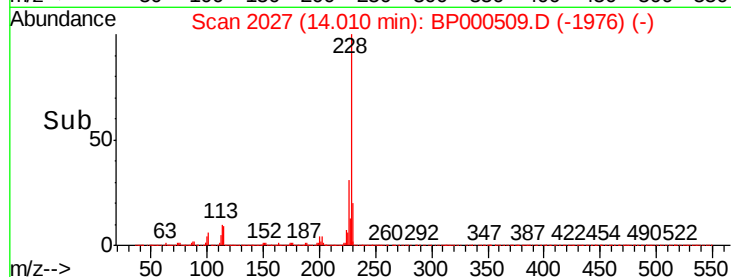
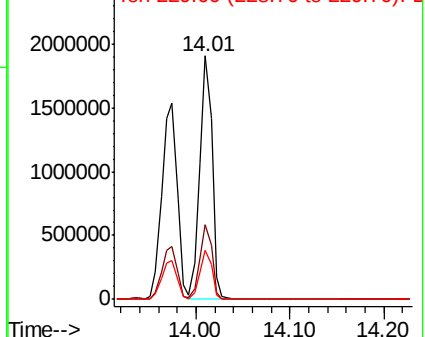


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.151 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

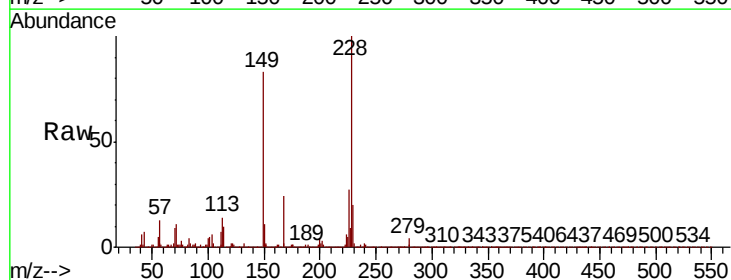
Tgt Ion:149 Resp: 1050069

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.6	35.4
279	4.8	3.9	5.9

149 100

167 28.6 23.6 35.4

279 4.8 3.9 5.9

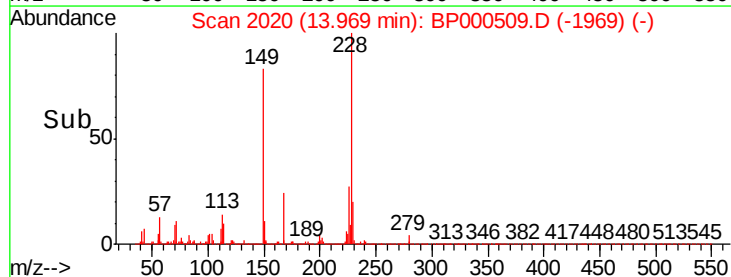
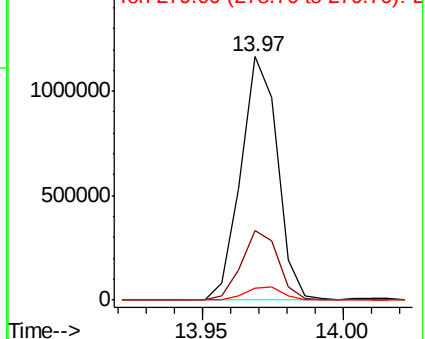


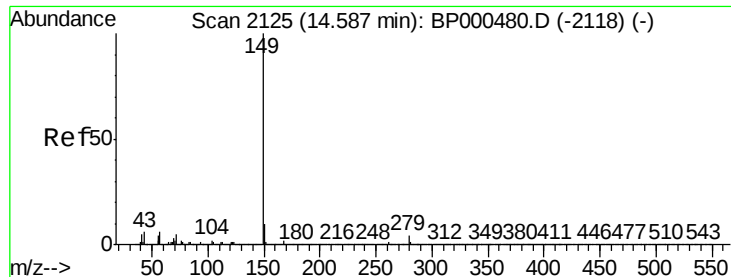
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.866 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

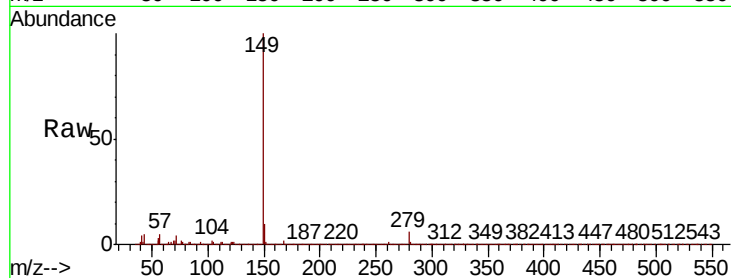
Instrument :

BNA_P

ClientSampled :

Tot Ion:149 Resp: 1747574

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.3	4.6	7.0

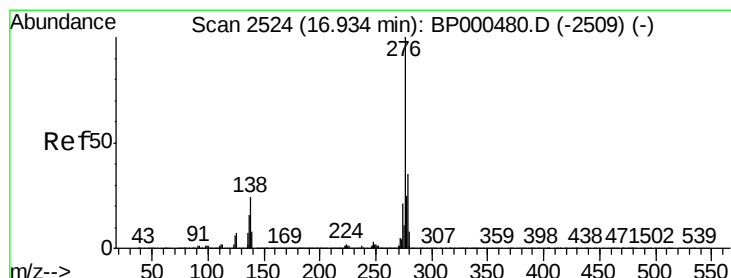
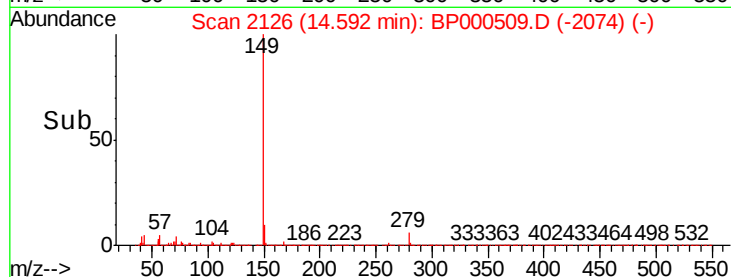
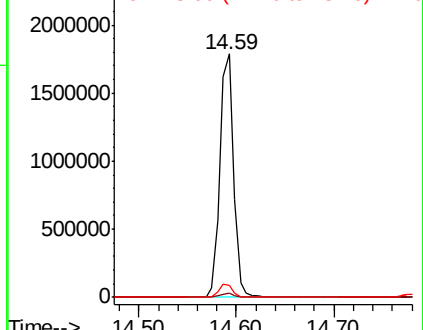


Abundance

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: 28.458 ng

RT: 16.95 min Scan# 2526

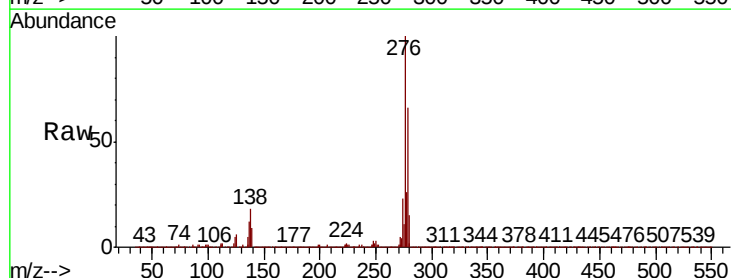
Delta R.T. 0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

Tgt Ion:276 Resp: 1472915

Ion	Ratio	Lower	Upper
276	100		
138	18.5	20.9	31.3#
277	25.9	20.6	30.8

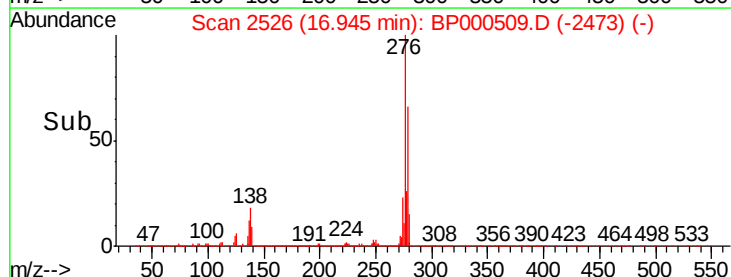
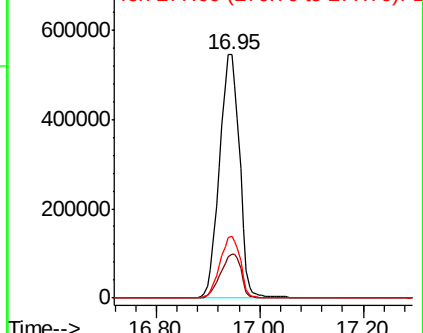


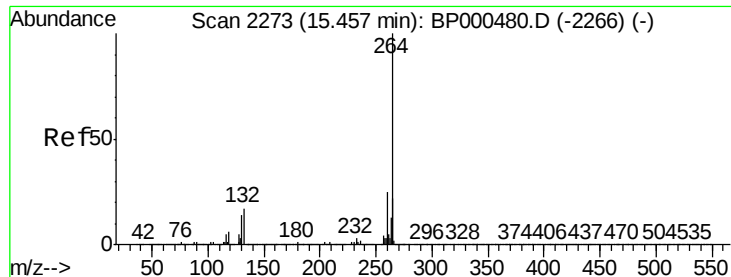
Abundance

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: BP000509.D

Acq: 04 Oct 2019 16:00

Instrument :

BNA_P

ClientSampled :

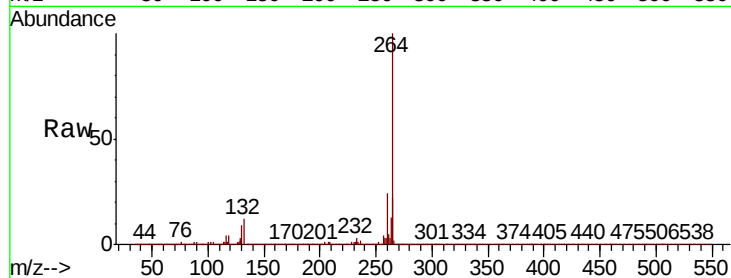
Tot Ion:264 Resp: 470756

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

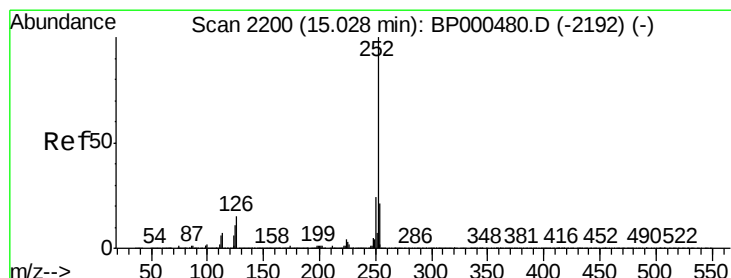
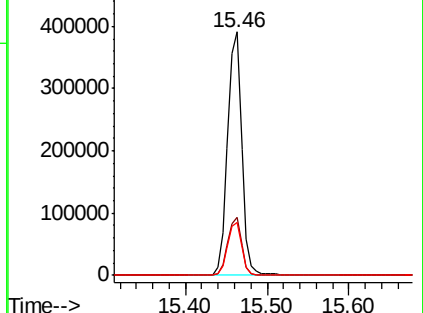
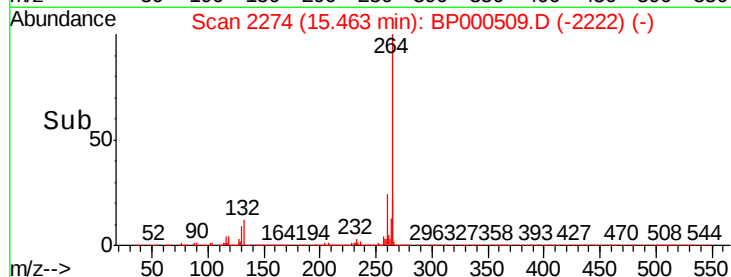
265 21.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 68.344 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BP000509.D

Acq: 04 Oct 2019 16:00

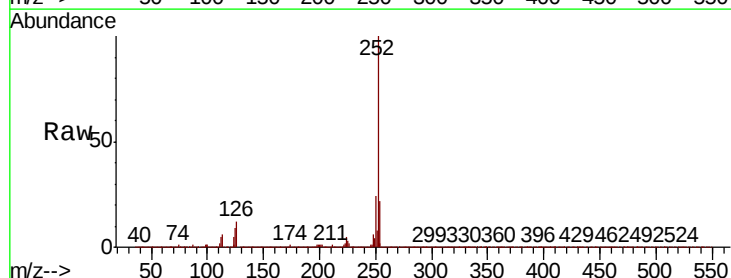
Tgt Ion:252 Resp: 1825272

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

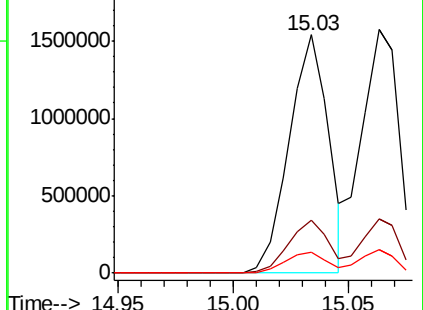
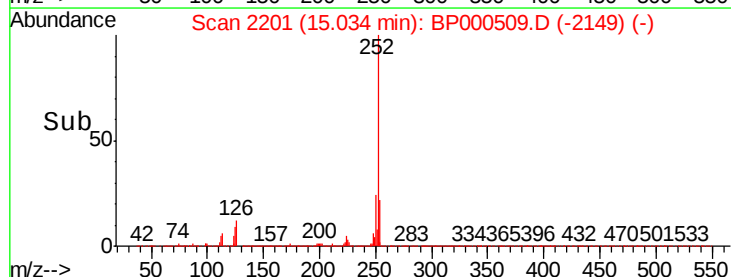
125 8.9 8.9 13.3

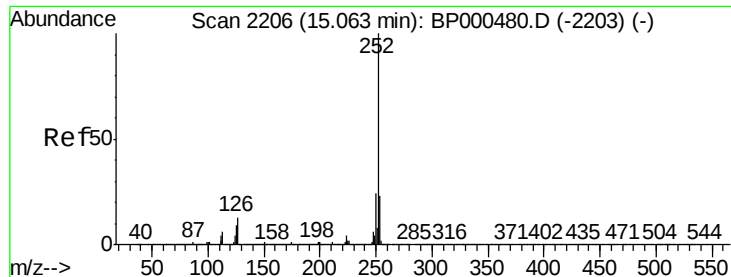


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

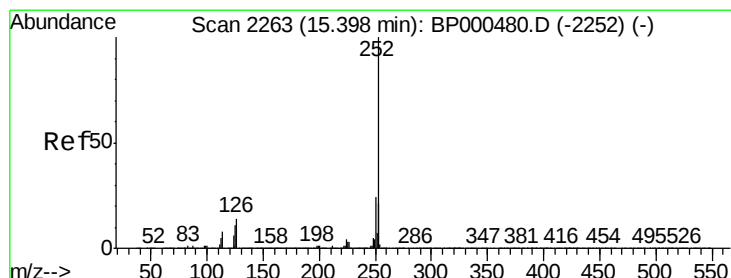
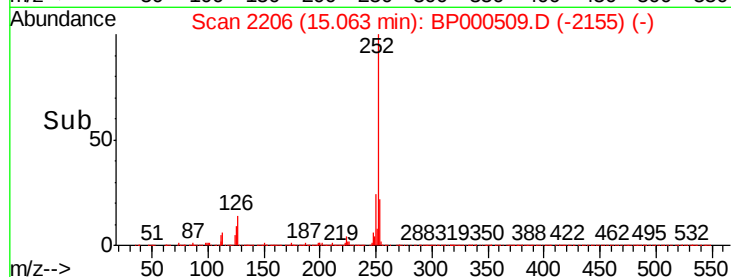
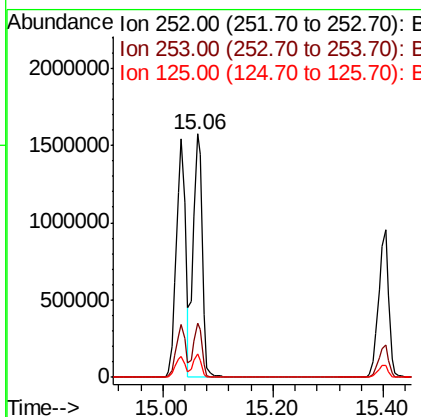
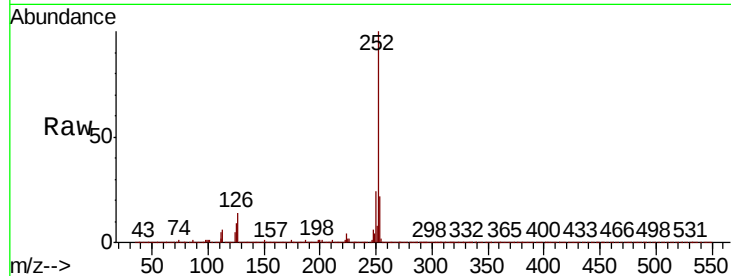




#89
Benzo(k)fluoranthene
Concen: 71.235 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

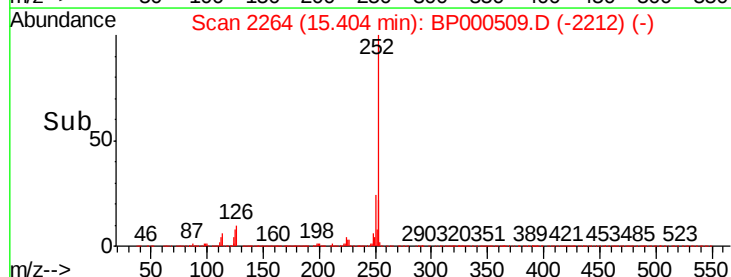
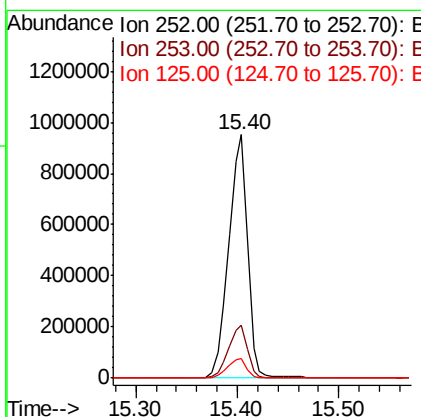
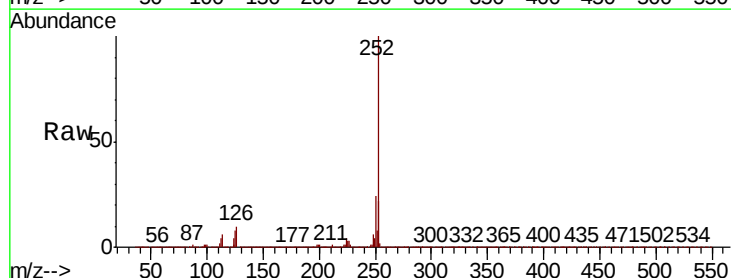
Instrument :
BNA_P
ClientSampleId :

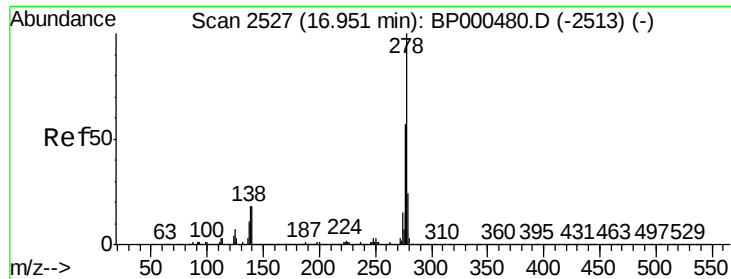
Tot Ion:252 Resp: 1811252
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 9.5 7.8 11.8



#90
Benzo(a)pyrene
Concen: 49.625 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:252 Resp: 1235469
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 7.9 8.4 12.6#



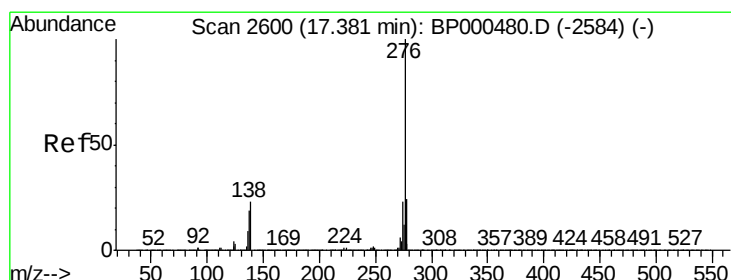
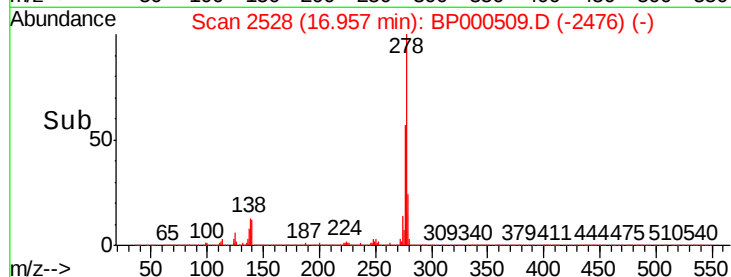
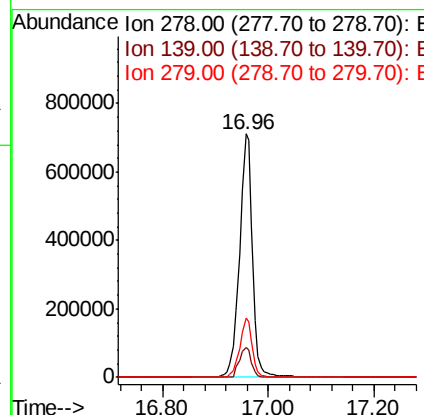
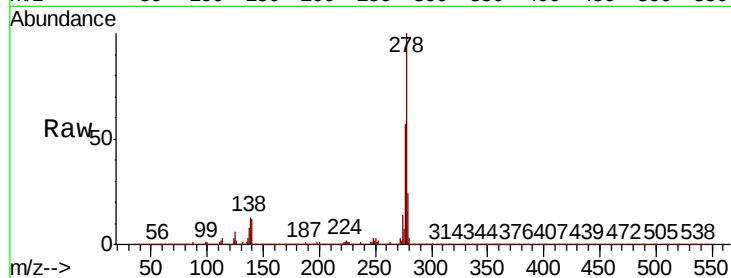


#91
Dibenzo(a,h)anthracene
Concen: 50.572 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1221109

Ion	Ratio	Lower	Upper
278	100		
139	12.4	14.1	21.1#
279	24.2	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 50.286 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.01 min
Lab File: BP000509.D
Acq: 04 Oct 2019 16:00

Tgt Ion:276 Resp: 1233821

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	16.0	18.5	27.7#

