

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100119\
 Data File : BP000489.D
 Acq On : 01 Oct 2019 19:26
 Operator : JU
 Sample : 123395BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 02 07:08:24 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	295039	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1136667	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	608069	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1100234	20.00	ng	0.00
76) Chrysene-d12	13.99	240	781021	20.00	ng	0.00
87) Perylene-d12	15.46	264	733665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1867119	101.73	ng	0.01
7) Phenol-d6	6.42	99	2254348	101.92	ng	0.00
23) Nitrobenzene-d5	7.33	82	1262374	67.83	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	696643	107.51	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2548908	67.82	ng	0.00
79) Terphenyl-d14	12.92	244	2790399	72.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	269107	36.715	ng	99
3) Pyridine	3.30	79	655598	32.737	ng	100
4) n-Nitrosodimethylamine	3.25	42	238051	42.243	ng	100
6) Aniline	6.43	93	836995	31.149	ng	# 58
8) 2-Chlorophenol	6.56	128	810411	44.738	ng	98
9) Benzaldehyde	6.32	77	386194	33.521	ng	99
10) Phenol	6.43	94	933126	41.205	ng	87
11) bis(2-Chloroethyl)ether	6.51	93	764103	43.857	ng	98
12) 1,3-Dichlorobenzene	6.72	146	893636	40.697	ng	98
13) 1,4-Dichlorobenzene	6.79	146	905934	41.000	ng	99
14) 1,2-Dichlorobenzene	6.95	146	840458	41.198	ng	99
15) Benzyl Alcohol	6.92	79	634050	44.388	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	676707	42.107	ng	97
17) 2-Methylphenol	7.03	107	673664	44.999	ng	98
18) Hexachloroethane	7.29	117	324155	41.220	ng	94
19) n-Nitroso-di-n-propylamine	7.19	70	434424	42.611	ng	99
20) 3+4-Methylphenols	7.19	107	774239	44.198	ng	# 80
22) Acetophenone	7.18	105	1074437	40.908	ng	# 99
24) Nitrobenzene	7.35	77	772511	43.038	ng	97
25) Isophorone	7.59	82	1442280	43.665	ng	98
26) 2-Nitrophenol	7.67	139	442694	46.899	ng	98
27) 2,4-Dimethylphenol	7.72	122	716393	49.511	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	954488	42.522	ng	99
29) 2,4-Dichlorophenol	7.92	162	724243	44.268	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	788849	41.055	ng	99
31) Naphthalene	8.08	128	2255683	42.491	ng	99
32) Benzoic acid	7.85	122	432373	47.324	ng	99
33) 4-Chloroaniline	8.12	127	623344	26.743	ng	99
34) Hexachlorobutadiene	8.20	225	476696	41.053	ng	98
35) Caprolactam	8.49	113	121526	22.177	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	713649	44.537	ng	99
37) 2-Methylnaphthalene	8.77	142	1538065	43.159	ng	99
38) 1-Methylnaphthalene	8.87	142	1435416	42.628	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	783831	40.726	ng	99

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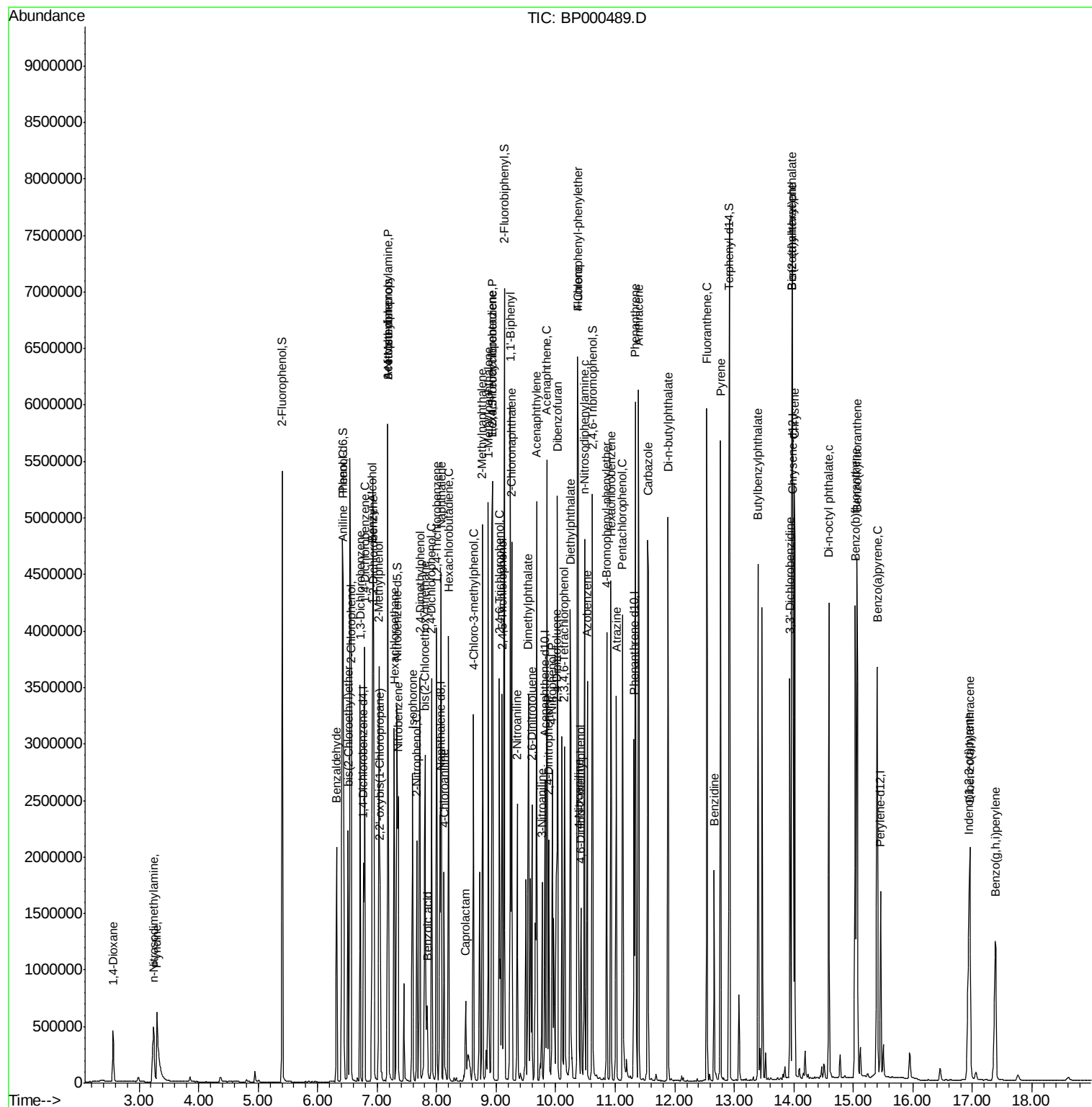
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	691563	88.878	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	516963	43.634	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	548933	44.875	ng	99
46) 1,1'-Biphenyl	9.24	154	1852321	40.357	ng	97
47) 2-Chloronaphthalene	9.26	162	1461432	41.177	ng	97
48) 2-Nitroaniline	9.36	65	353630	41.155	ng	94
49) Acenaphthylene	9.68	152	2216215	41.389	ng	99
50) Dimethylphthalate	9.55	163	1738895	41.156	ng	100
51) 2,6-Dinitrotoluene	9.60	165	402078	43.639	ng	95
52) Acenaphthene	9.85	154	1297406	39.943	ng	99
53) 3-Nitroaniline	9.77	138	294427	27.888	ng	95
54) 2,4-Dinitrophenol	9.89	184	351263	114.249	ng	# 87
55) Dibenzofuran	10.03	168	2023937	41.684	ng	98
56) 4-Nitrophenol	9.95	139	579437	85.966	ng	98
57) 2,4-Dinitrotoluene	10.01	165	510064	41.751	ng	98
58) Fluorene	10.38	166	1491650	43.105	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	457974	44.289	ng	99
60) Diethylphthalate	10.25	149	1631743	40.684	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	787291	42.308	ng	95
62) 4-Nitroaniline	10.39	138	399947	39.389	ng	97
63) Azobenzene	10.52	77	1359341	44.144	ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	260668	53.446	ng	84
66) n-Nitrosodiphenylamine	10.49	169	1371912	42.813	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	517128	41.754	ng	94
68) Hexachlorobenzene	10.93	284	570734	40.552	ng	97
69) Atrazine	11.02	200	436705	41.528	ng	99
70) Pentachlorophenol	11.13	266	559203	98.925	ng	97
71) Phenanthrene	11.34	178	2293290	41.503	ng	99
72) Anthracene	11.39	178	2313017	42.217	ng	99
73) Carbazole	11.55	167	2107319	41.492	ng	99
74) Di-n-butylphthalate	11.89	149	2460930	39.776	ng	99
75) Fluoranthene	12.54	202	2435496	39.245	ng	100
77) Benzidine	12.66	184	733878	32.449	ng	100
78) Pyrene	12.77	202	2467481	45.807	ng	100
80) Butylbenzylphthalate	13.40	149	1049291	44.702	ng	98
81) Benzo(a)anthracene	13.97	228	1995007	41.865	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	776371	41.016	ng	98
83) Chrysene	14.01	228	1995003	42.654	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1286721	43.586	ng	98
85) Di-n-octyl phthalate	14.59	149	2335159	43.641	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1377946	23.585	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	2090173	50.217	ng	98
89) Benzo(k)fluoranthene	15.06	252	2041675	51.523	ng	98
90) Benzo(a)pyrene	15.40	252	2015337	51.941	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1152308	30.621	ng	# 92
92) Benzo(g,h,i)perylene	17.39	276	1134496	29.669	ng	# 92

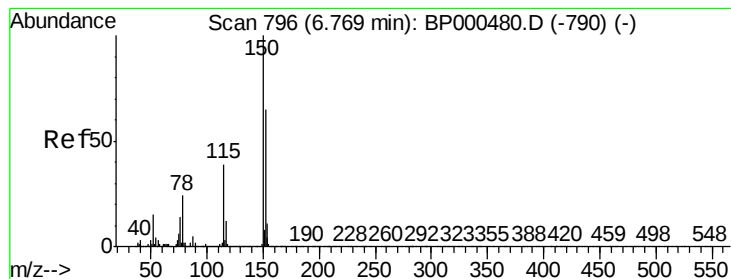
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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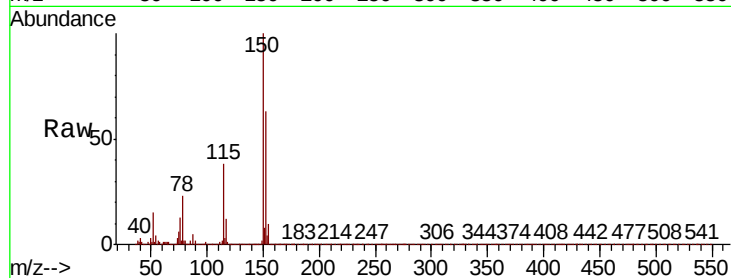


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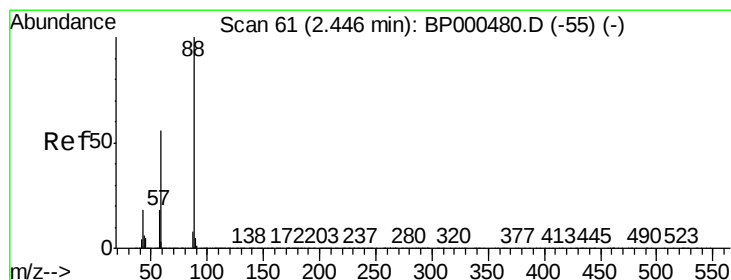
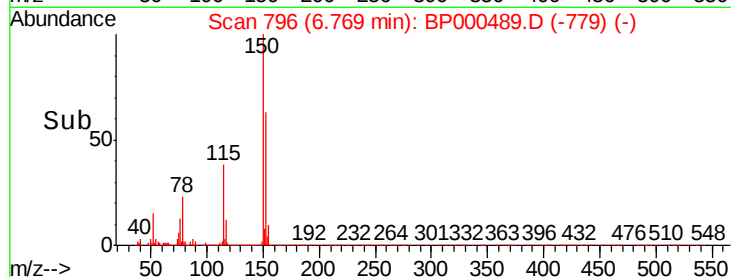
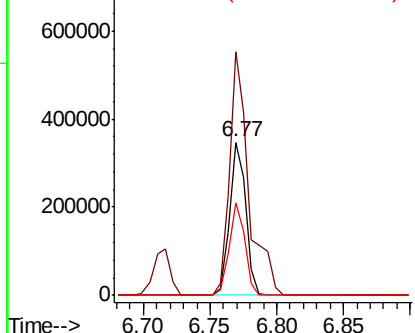
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.1	186.1
115	60.7	48.7	73.1



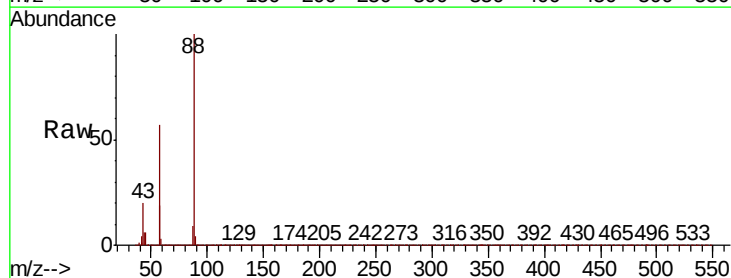
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



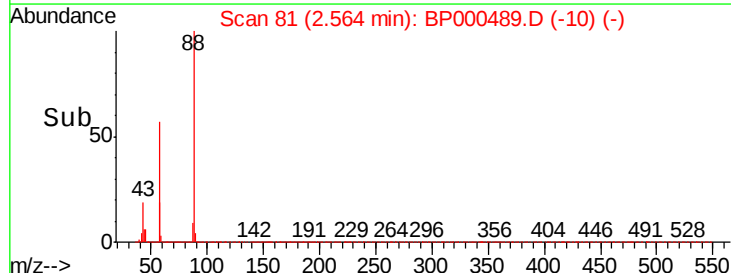
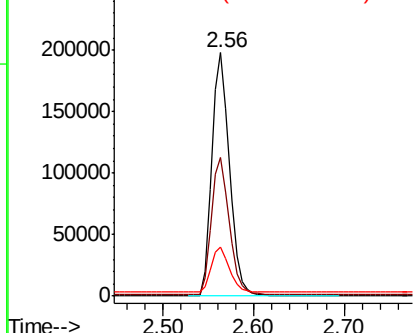
#2

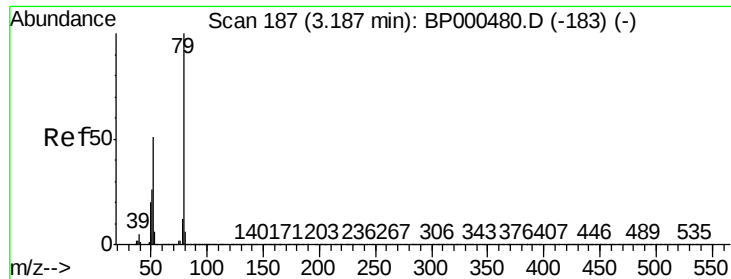
1,4-Dioxane
Concen: 36.715 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.12 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.8	45.3	67.9
43	18.8	14.5	21.7



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 32.737 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.11 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

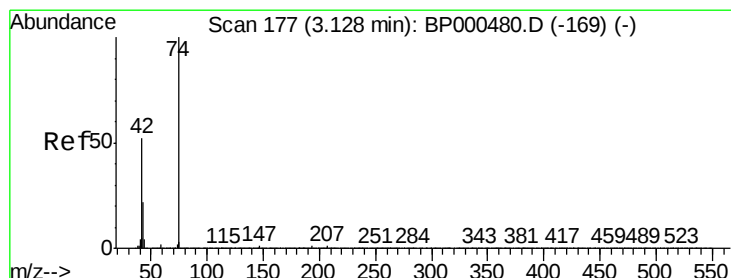
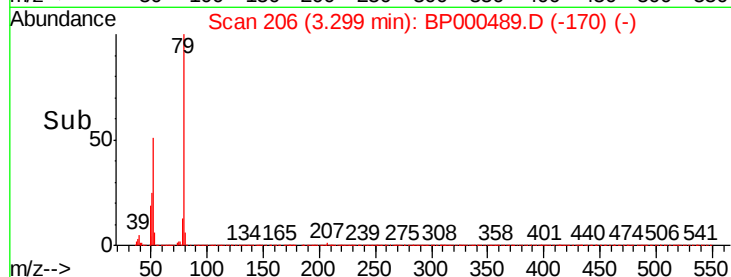
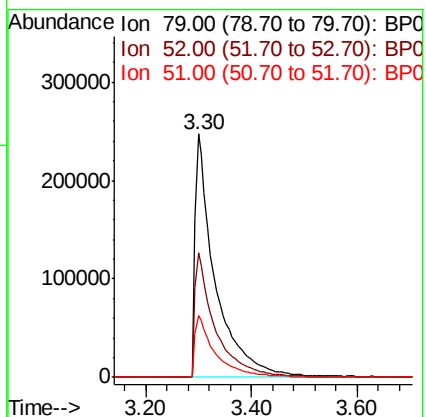
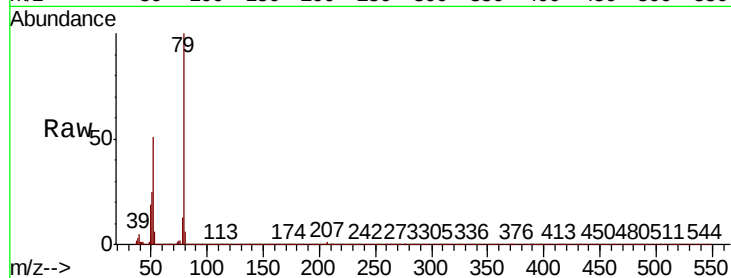
Tot Ion: 79 Resp: 655598

Ion Ratio Lower Upper

79 100

52 51.0 40.7 61.1

51 25.4 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 42.243 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.12 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

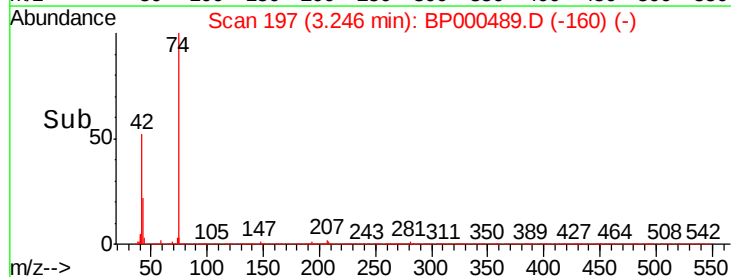
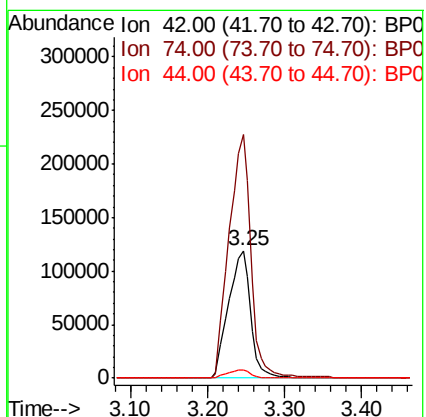
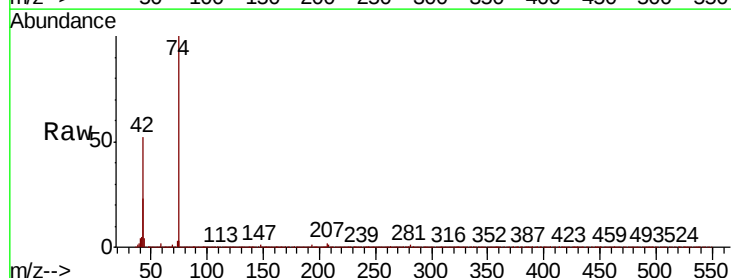
Tgt Ion: 42 Resp: 238051

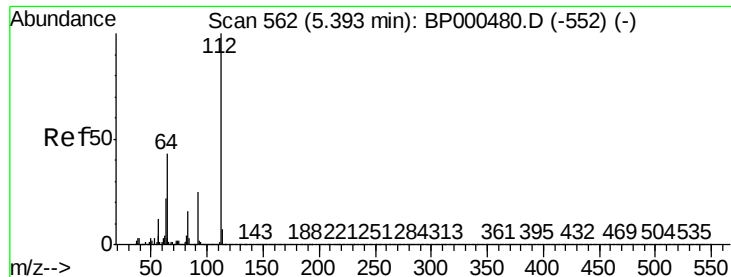
Ion Ratio Lower Upper

42 100

74 190.7 152.4 228.6

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 101.725 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

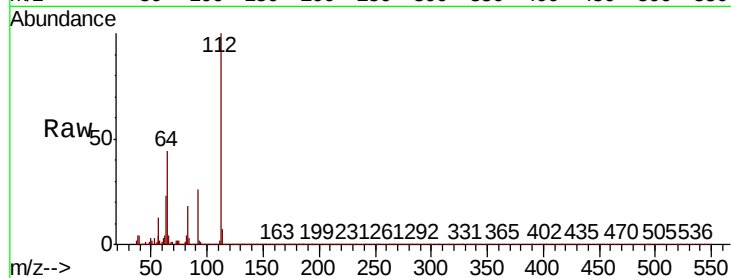
Tot Ion: 112 Resp: 1867119

Ion Ratio Lower Upper

112 100

64 44.5 34.2 51.4

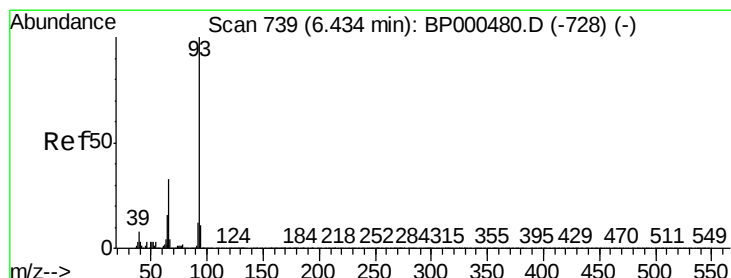
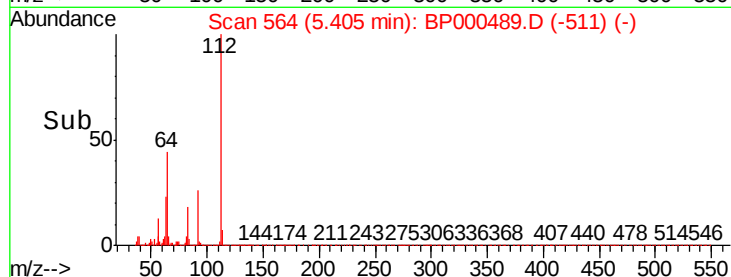
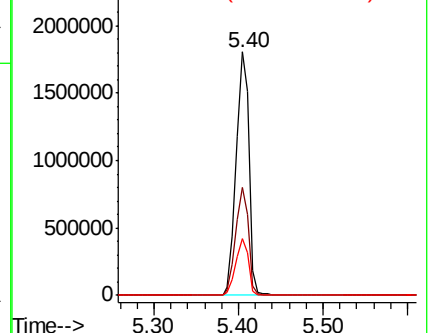
63 23.5 17.9 26.9



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: 31.149 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

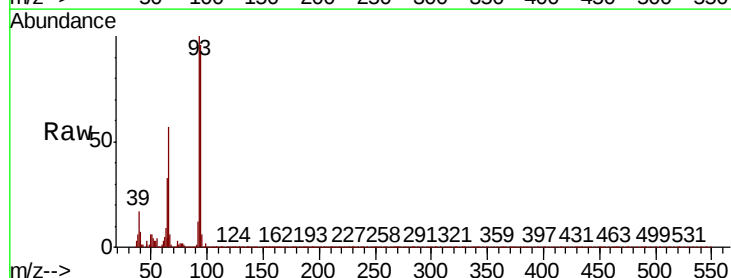
Tgt Ion: 93 Resp: 836995

Ion Ratio Lower Upper

93 100

66 57.2 26.3 39.5#

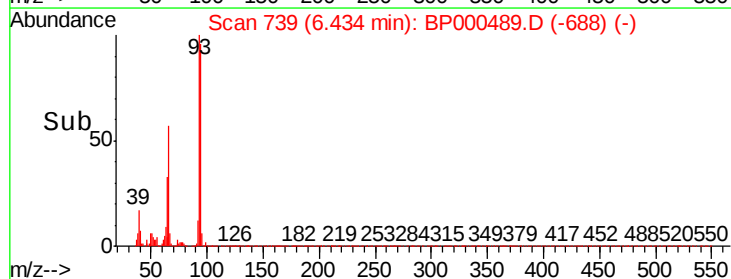
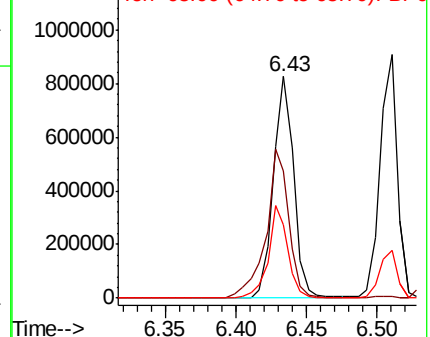
65 33.4 13.2 19.8#

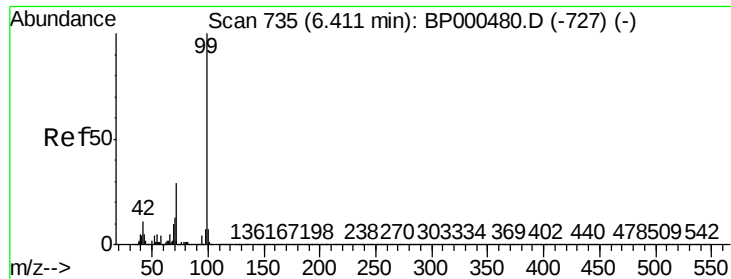


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 101.924 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampled :

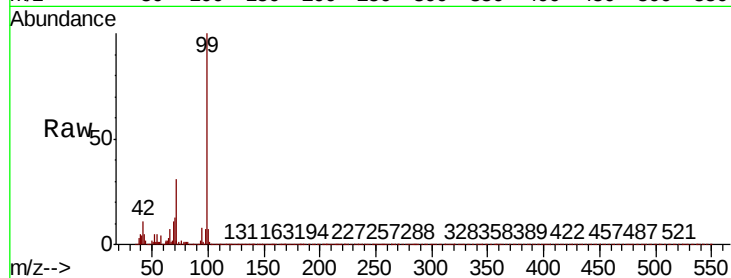
Tot Ion: 99 Resp: 2254348

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

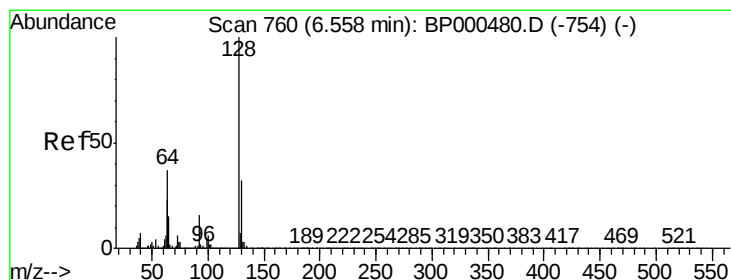
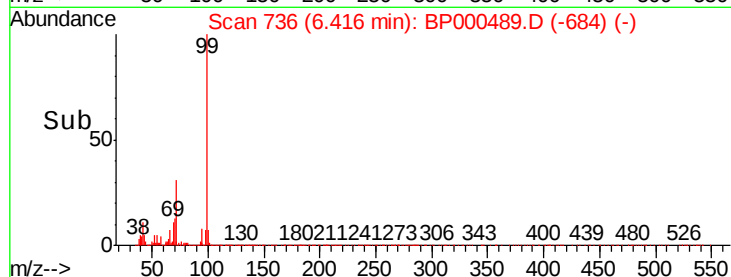
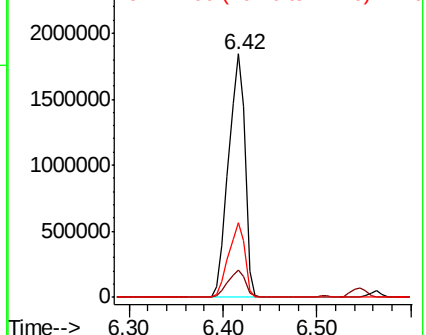
71 30.8 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.738 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

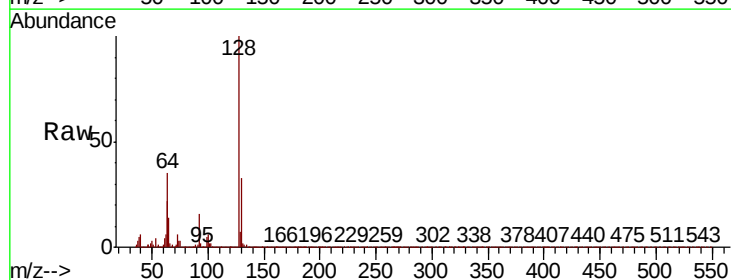
Tgt Ion: 128 Resp: 810411

Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

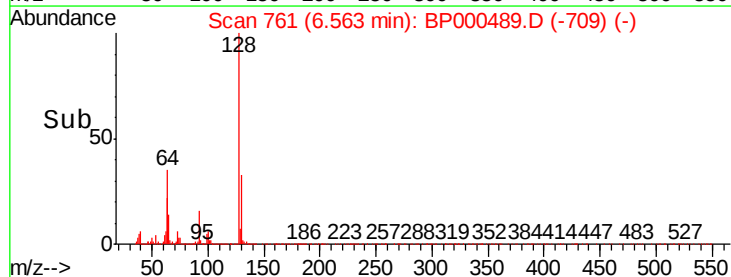
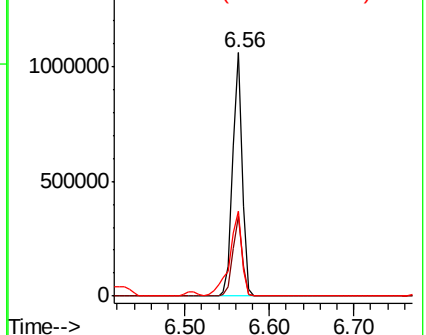
64 35.1 17.2 57.2

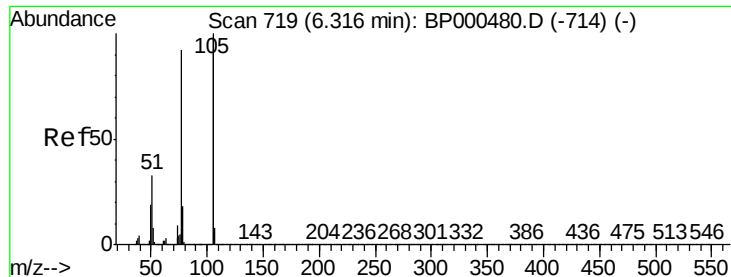


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 33.521 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

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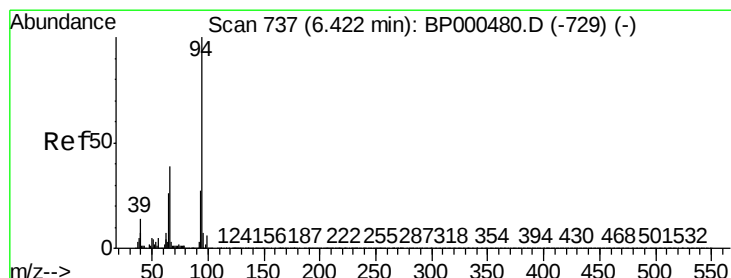
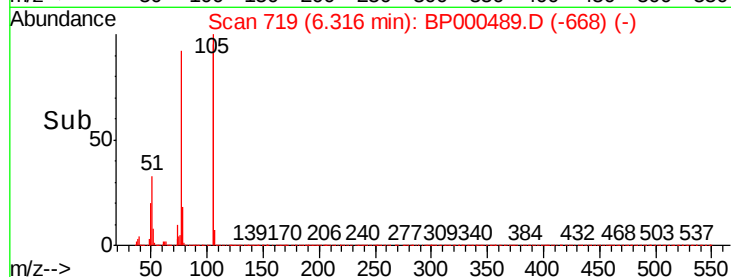
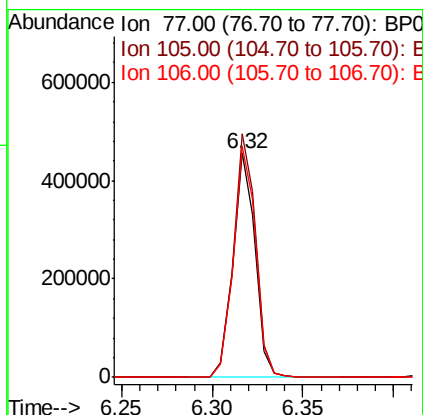
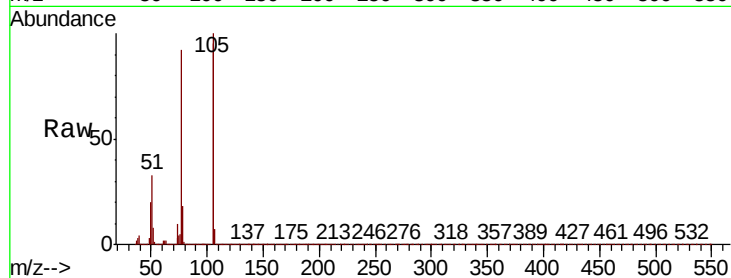
Tot Ion: 77 Resp: 386194

Ion Ratio Lower Upper

77 100

105 108.6 88.3 128.3

106 103.1 85.7 125.7



#10

Phenol

Concen: 41.205 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

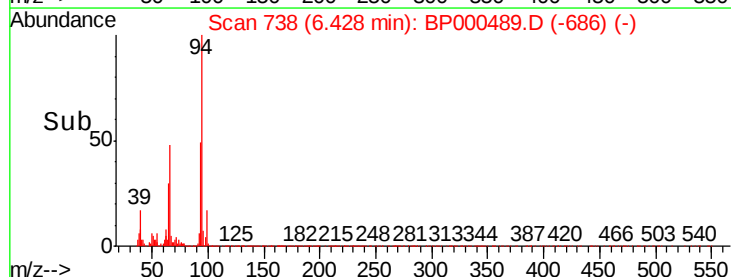
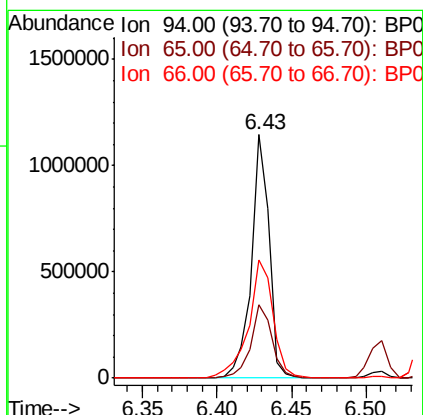
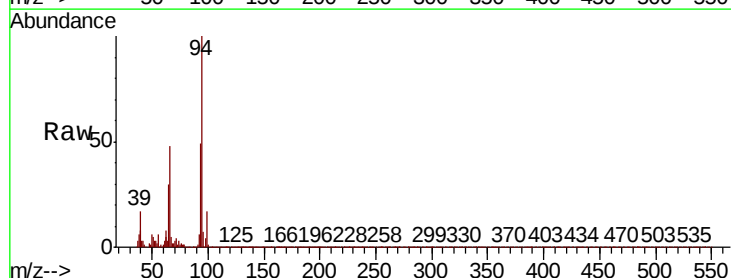
Tgt Ion: 94 Resp: 933126

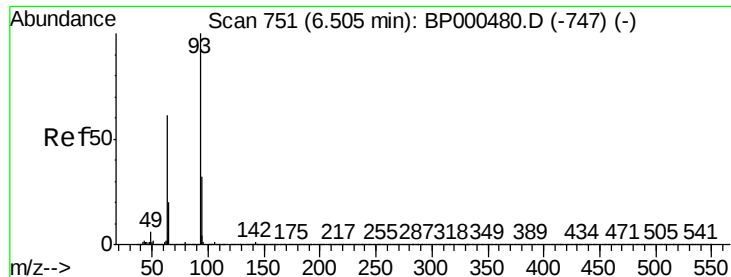
Ion Ratio Lower Upper

94 100

65 30.3 5.9 45.9

66 48.3 18.8 58.8





#11

bis(2-Chloroethyl)ether

Concen: 43.857 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

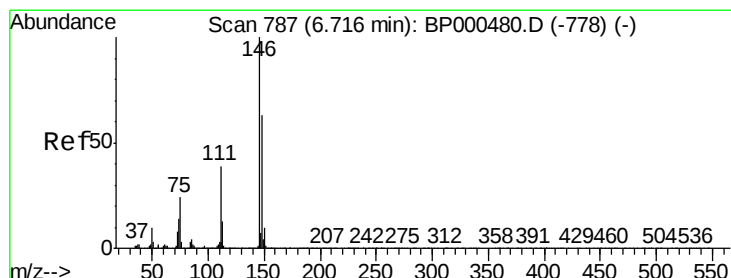
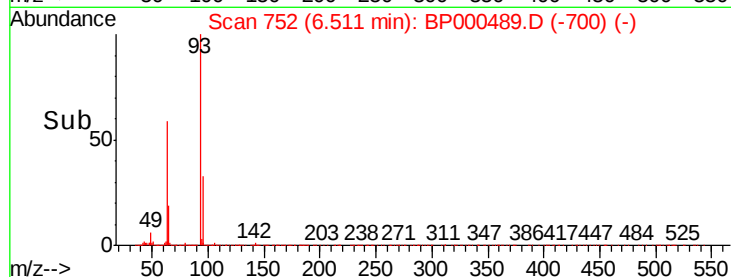
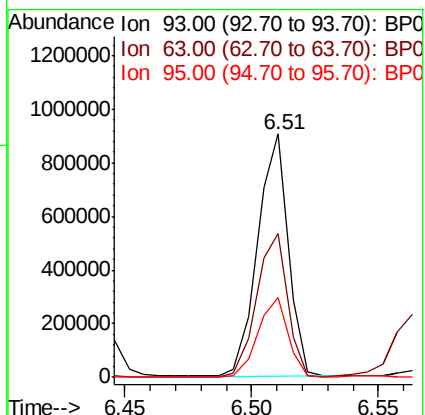
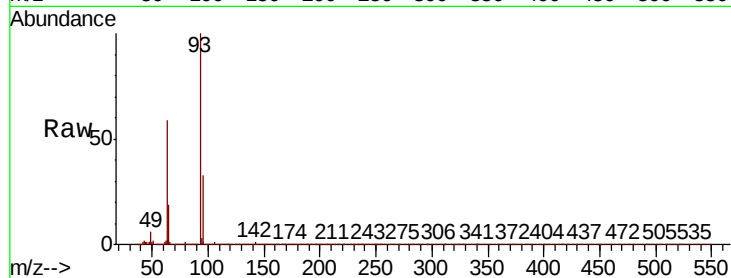
Tot Ion: 93 Resp: 764103

Ion Ratio Lower Upper

93 100

63 58.8 41.1 81.1

95 32.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 40.697 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

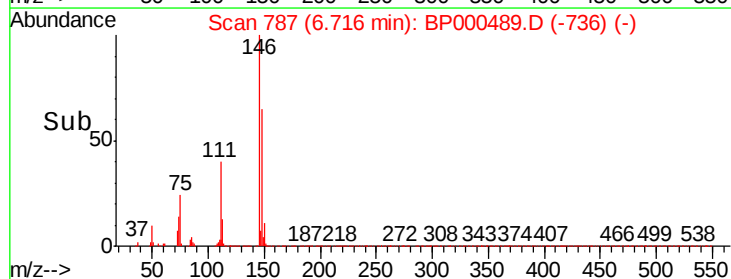
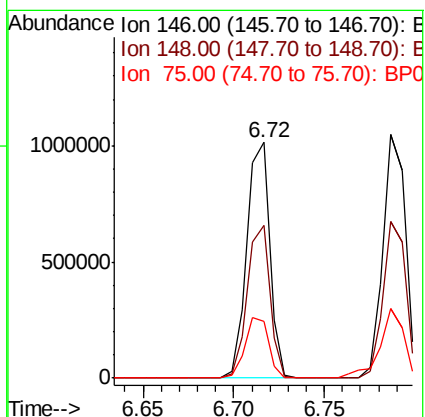
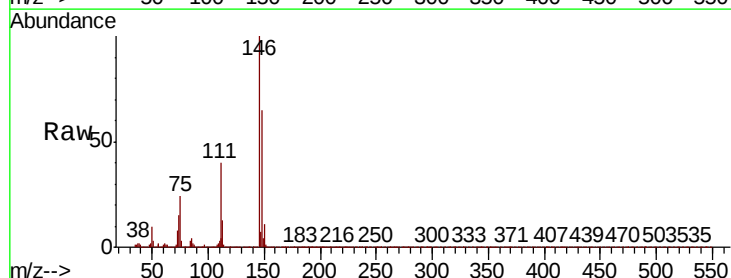
Tgt Ion: 146 Resp: 893636

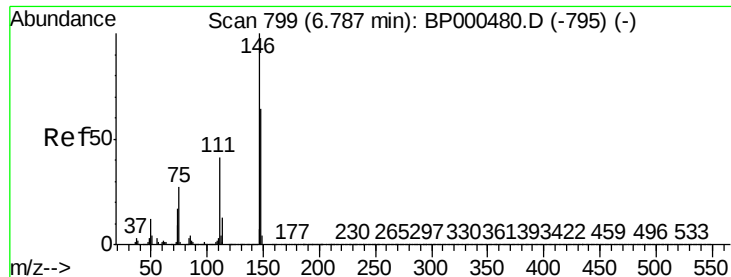
Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

75 24.2 19.1 28.7

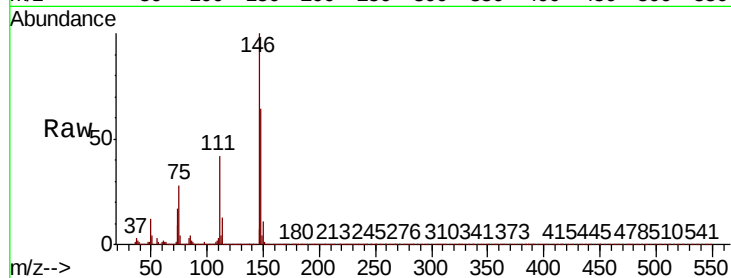




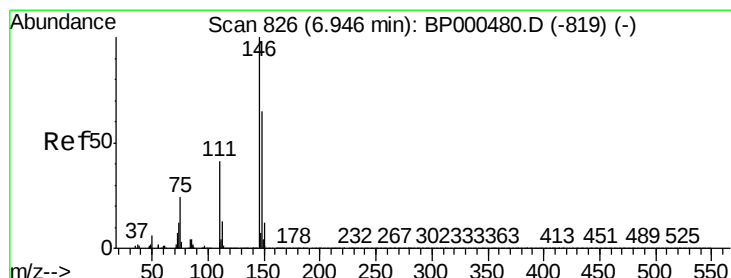
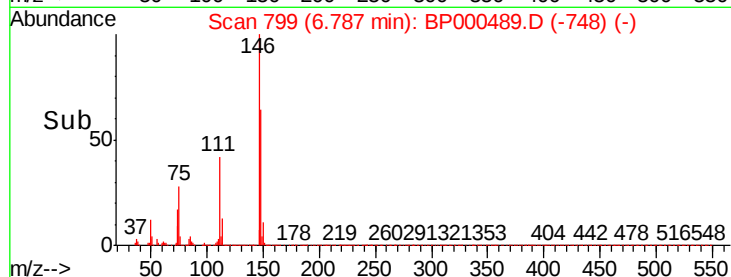
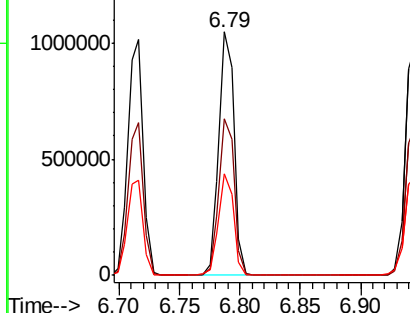
#13
1,4-Dichlorobenzene
Concen: 41.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:146 Resp: 905934
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 41.9 33.0 49.4

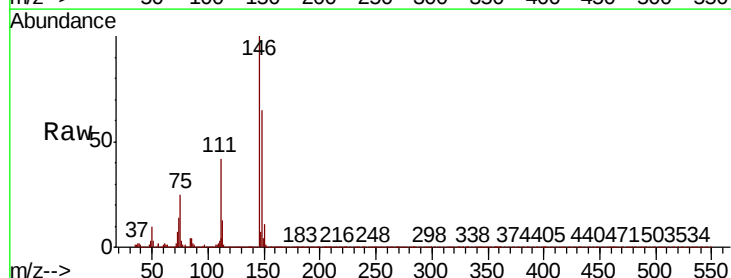


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

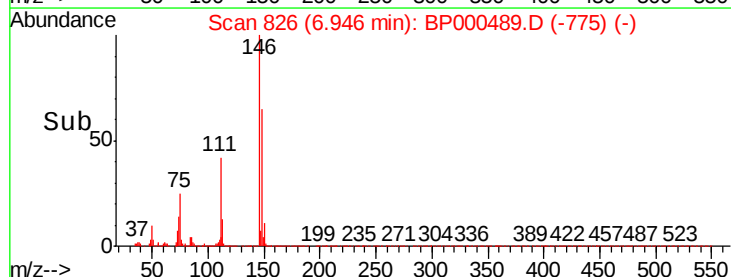
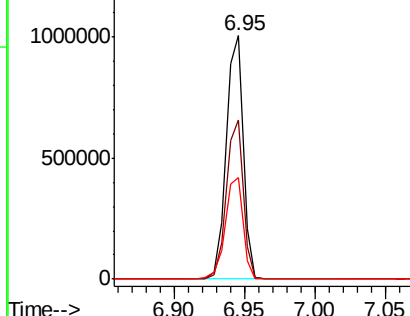


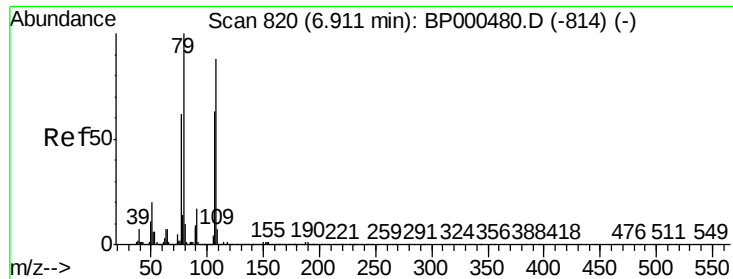
#14
1,2-Dichlorobenzene
Concen: 41.198 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:146 Resp: 840458
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.6
111 41.8 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: 44.388 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

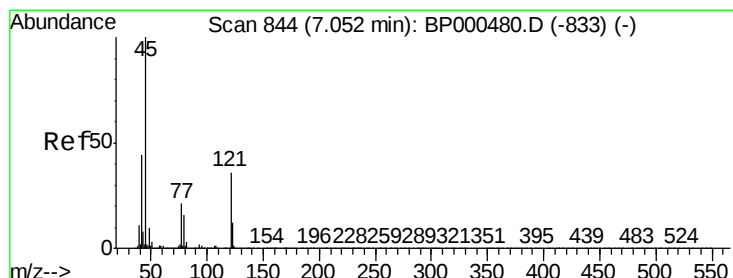
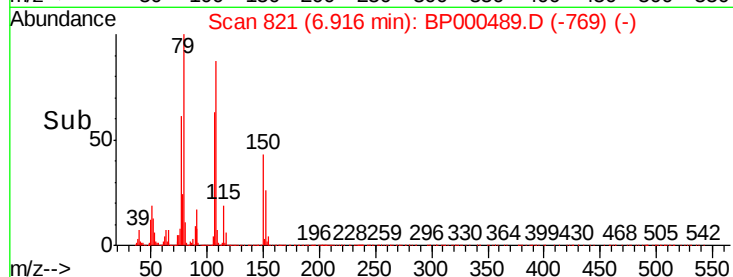
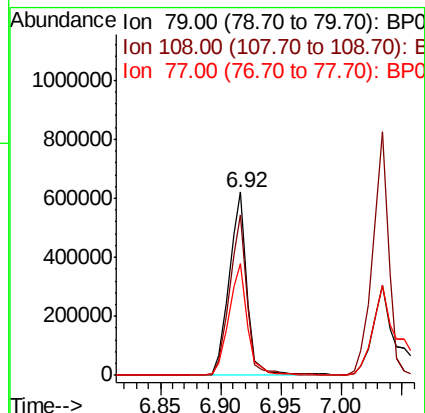
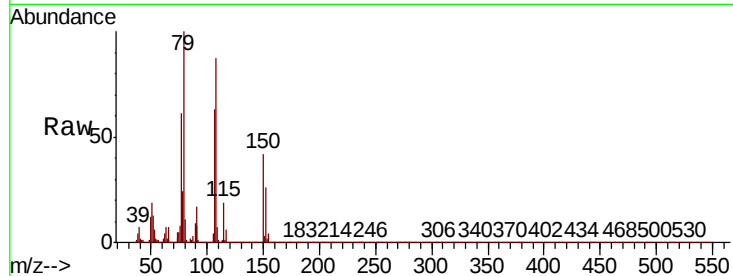
Tot Ion: 79 Resp: 634050

Ion Ratio Lower Upper

79 100

108 87.4 70.8 106.2

77 61.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.107 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

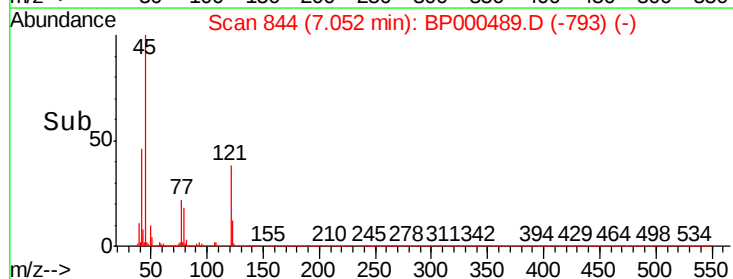
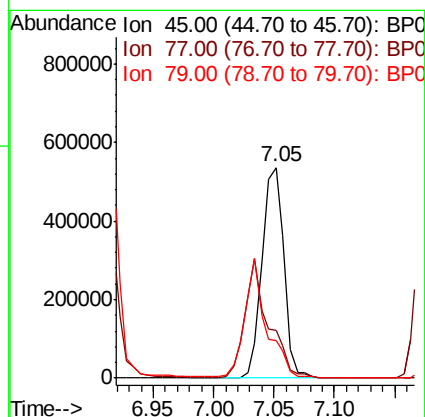
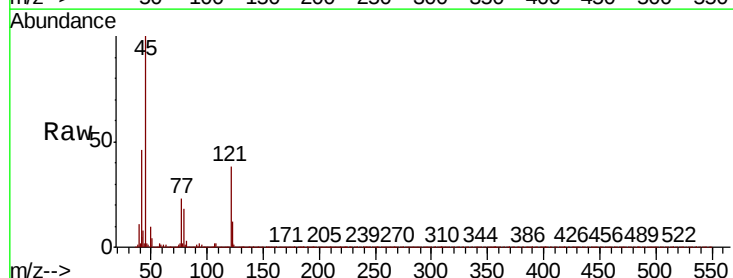
Tgt Ion: 45 Resp: 676707

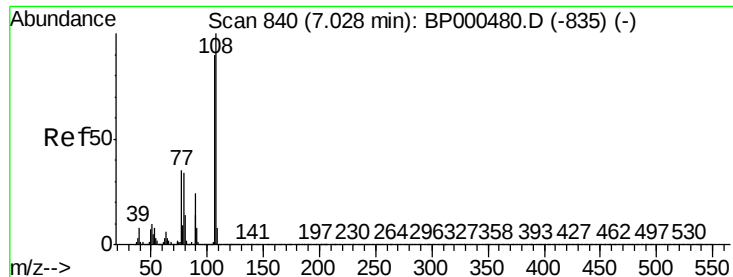
Ion Ratio Lower Upper

45 100

77 22.5 1.1 41.1

79 17.6 0.0 36.8





#17

2-Methylphenol

Concen: 44.999 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 673664

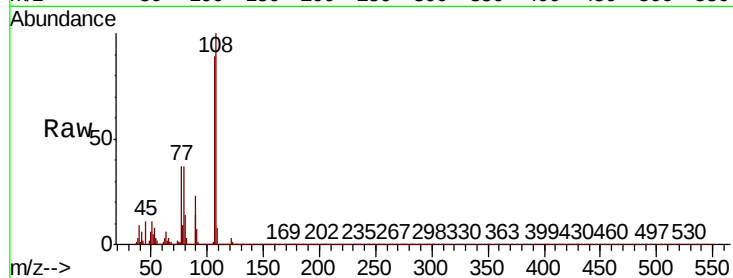
Ion Ratio Lower Upper

107 100

108 111.8 89.0 133.4

77 41.3 31.2 46.8

79 41.3 30.7 46.1

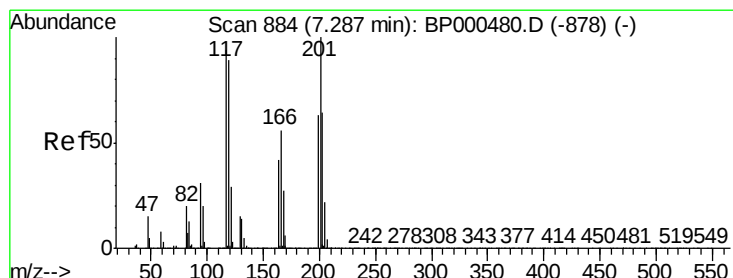
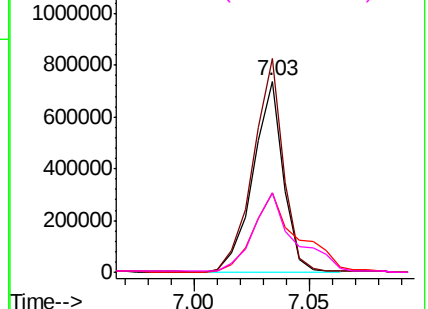
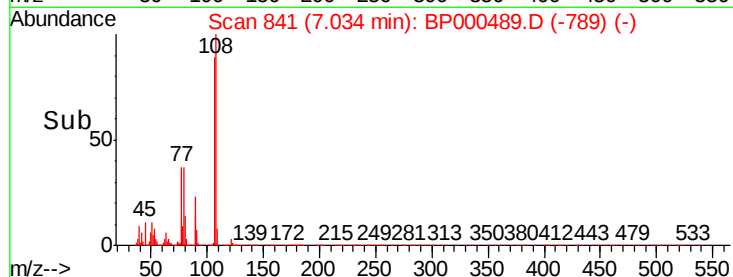


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.220 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

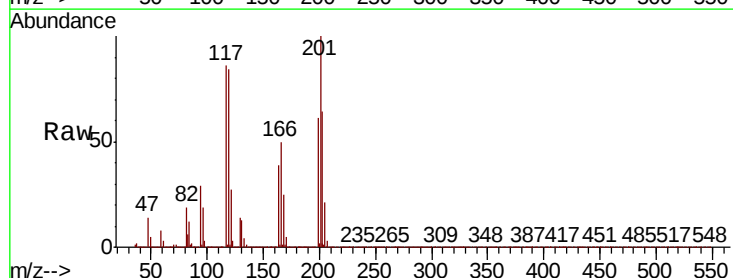
Tgt Ion:117 Resp: 324155

Ion Ratio Lower Upper

117 100

119 97.7 76.3 114.5

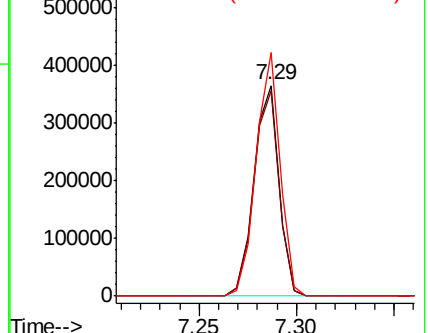
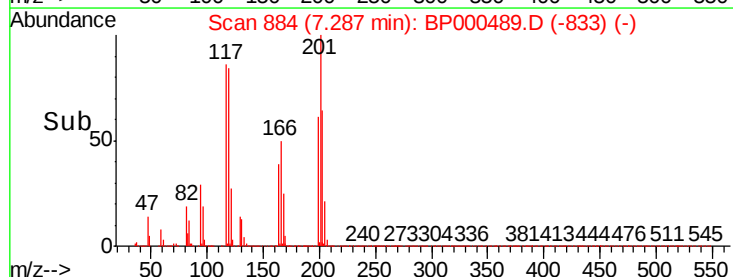
201 115.8 85.4 128.0

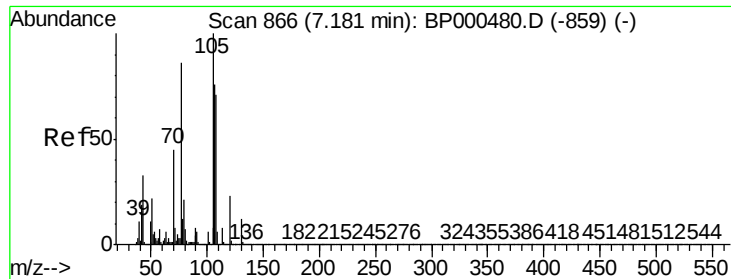


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

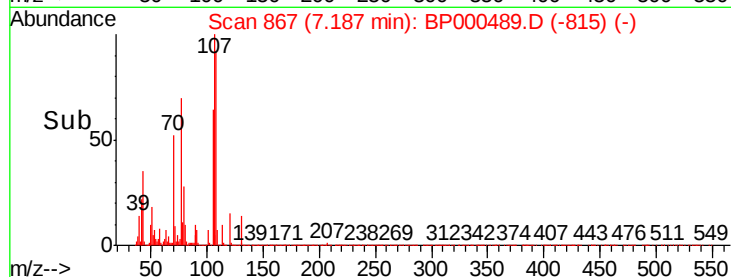
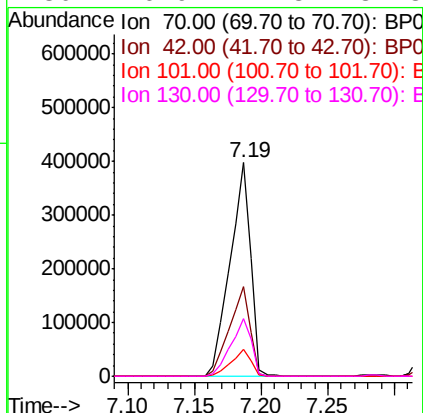
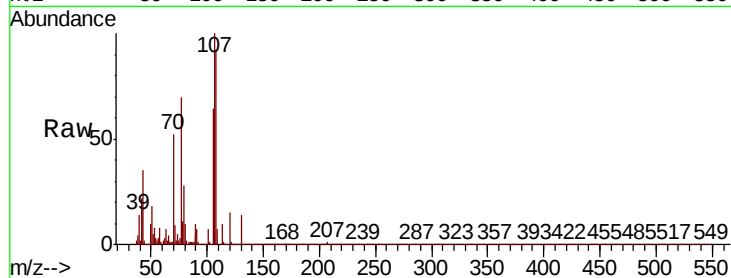




#19
n-Nitroso-di-n-propylamine
Concen: 42.611 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

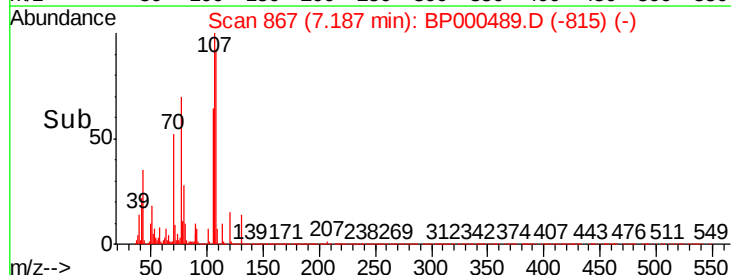
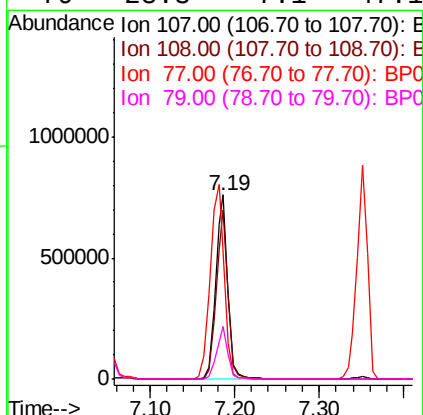
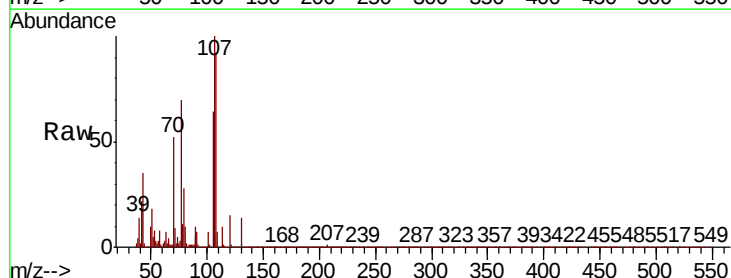
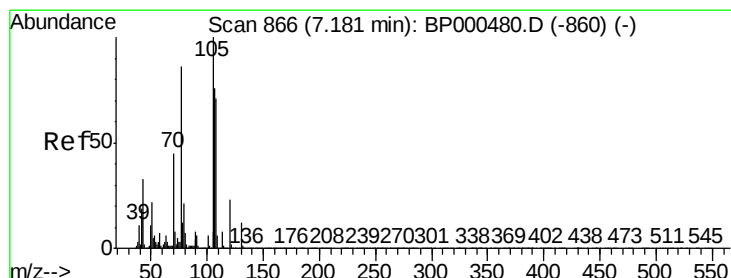
Instrument :
BNA_P
ClientSampleId :

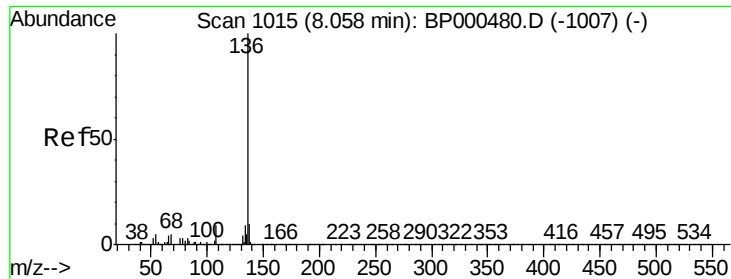
Tot Ion: 70 Resp: 434424
Ion Ratio Lower Upper
70 100
42 41.9 33.2 49.8
101 12.6 9.9 14.9
130 26.9 21.8 32.8



#20
3+4-Methylphenols
Concen: 44.198 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:107 Resp: 774239
Ion Ratio Lower Upper
107 100
108 92.1 72.6 112.6
77 69.6 93.3 133.3#
79 28.3 7.1 47.1

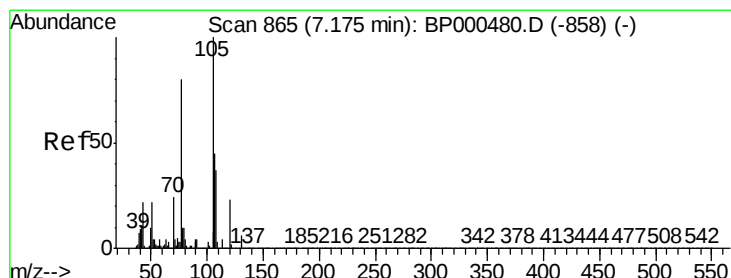
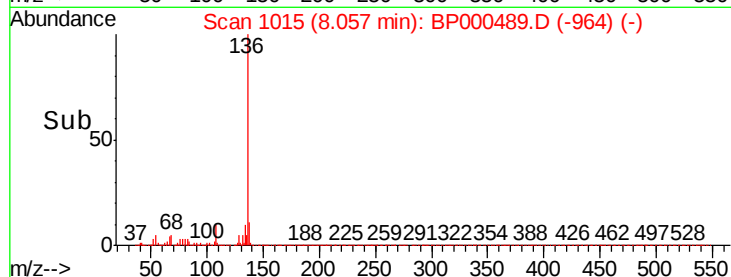
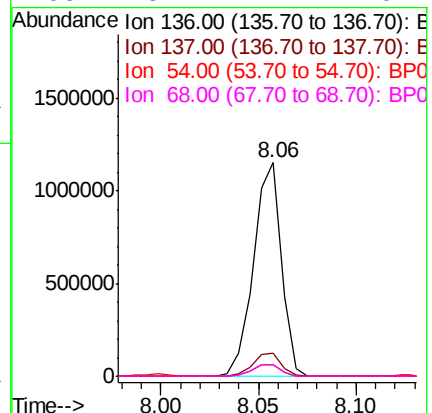
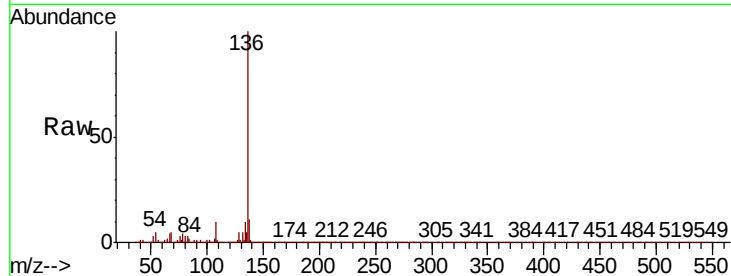




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

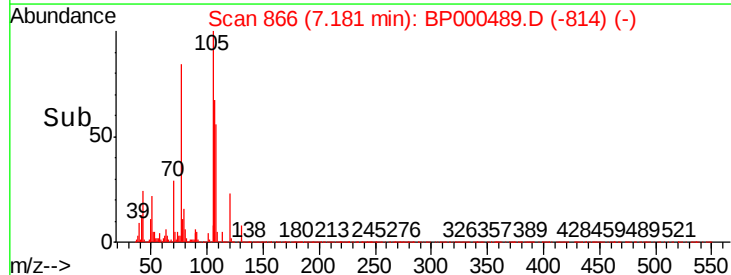
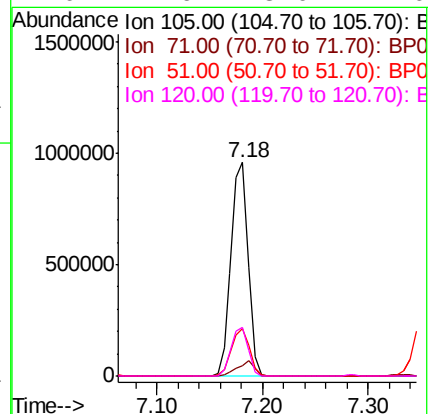
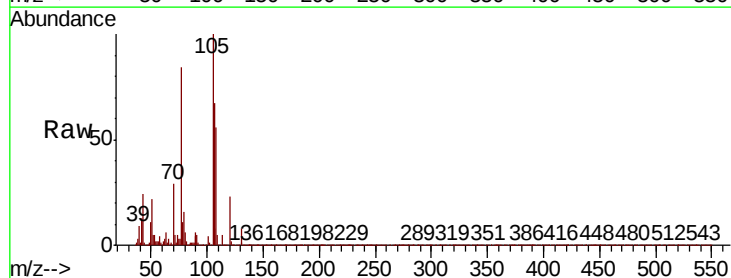
Instrument :
BNA_P
ClientSampleId :

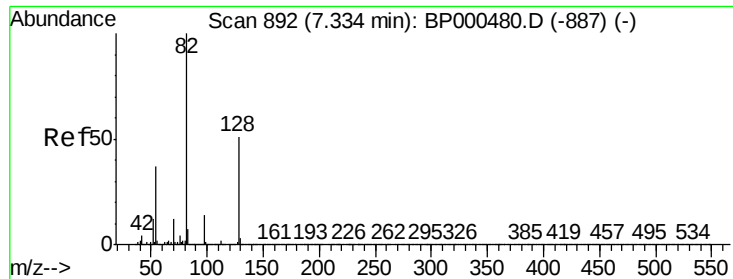
Tot Ion:136	Resp: 1136667
Ion Ratio	Lower Upper
136 100	
137 11.1	8.2 12.4
54 5.5	4.1 6.1
68 5.4	4.1 6.1



#22
Acetophenone
Concen: 40.908 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt	Ion:105	Resp:	1074437
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.3	4.9#
51	22.5	17.4	26.2
120	22.6	18.0	27.0

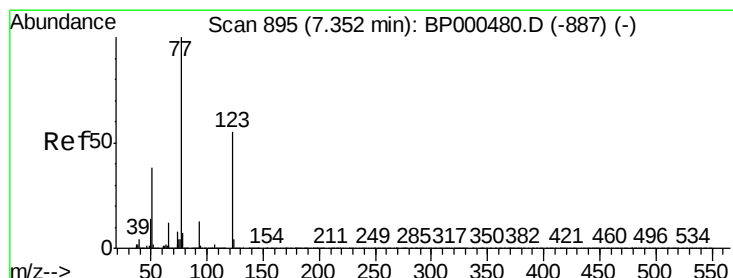
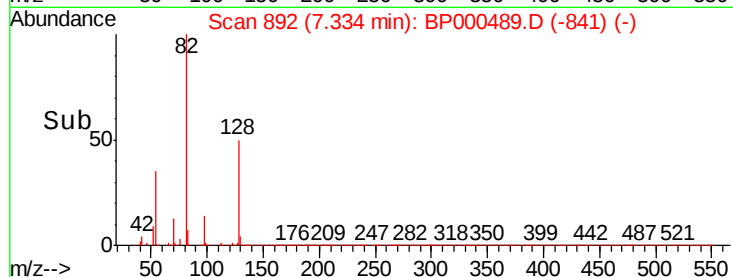
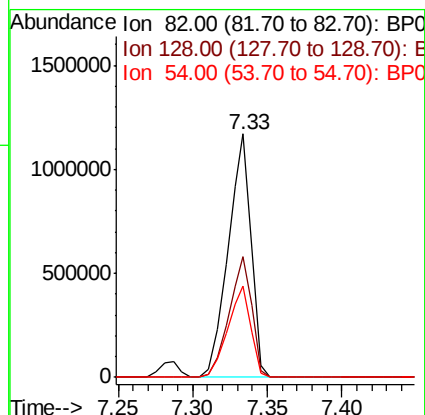
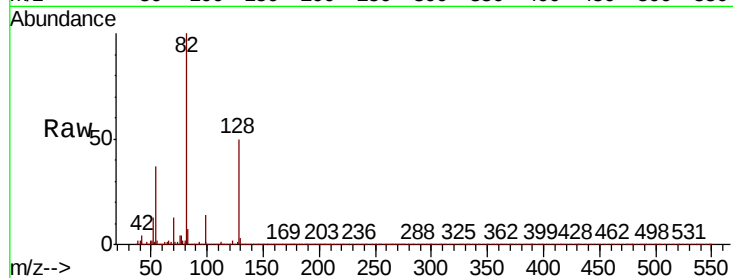




#23
Nitrobenzene-d5
Concen: 67.830 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

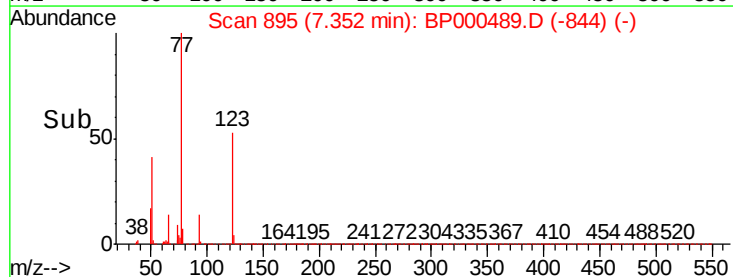
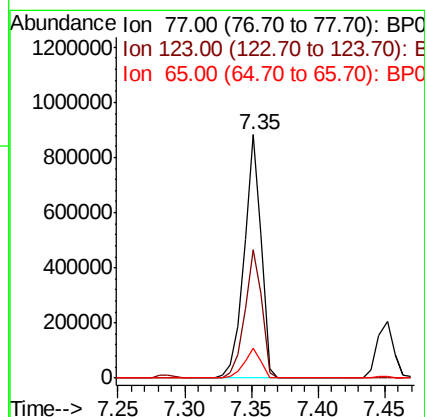
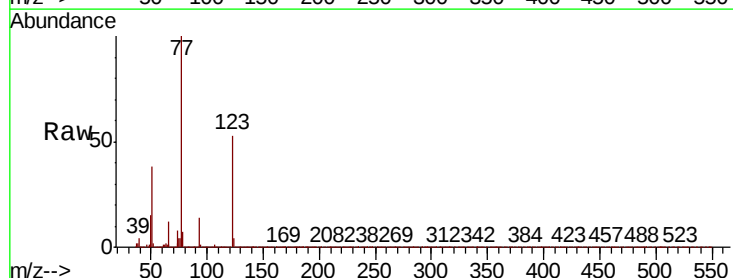
Instrument :
BNA_P
ClientSampleId :

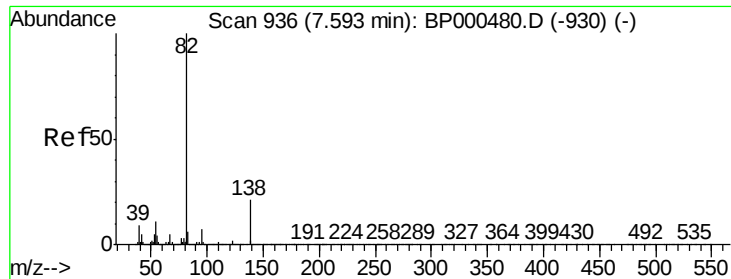
Tot Ion: 82 Resp: 1262374
Ion Ratio Lower Upper
82 100
128 49.8 40.9 61.3
54 37.3 29.4 44.2



#24
Nitrobenzene
Concen: 43.038 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion: 77 Resp: 772511
Ion Ratio Lower Upper
77 100
123 52.9 44.1 66.1
65 12.4 9.7 14.5





#25

Isophorone

Concen: 43.665 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

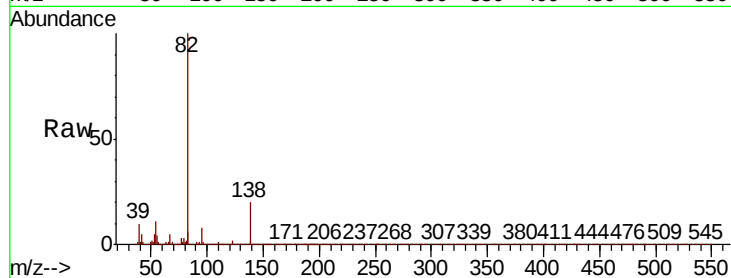
Tot Ion: 82 Resp: 1442280

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

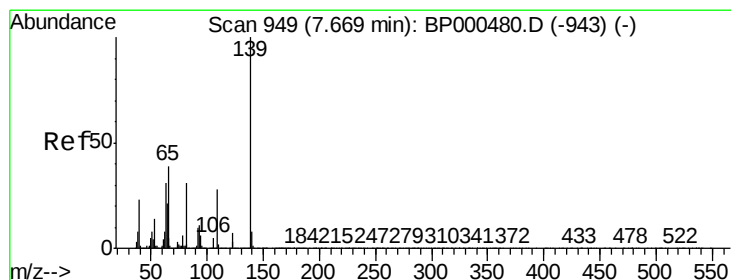
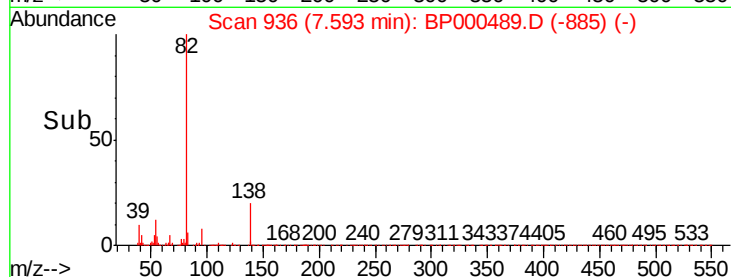
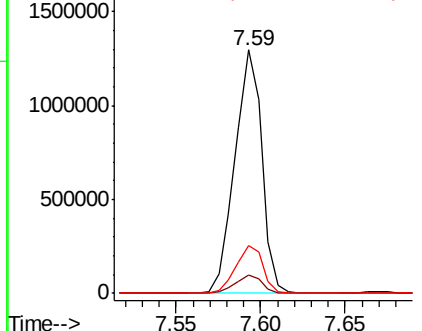
138 19.8 17.0 25.4



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 46.899 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

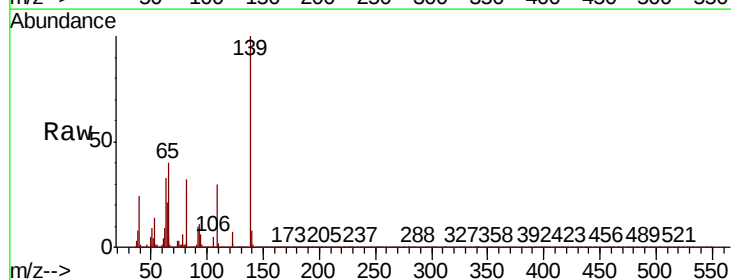
Tgt Ion: 139 Resp: 442694

Ion Ratio Lower Upper

139 100

109 30.0 22.8 34.2

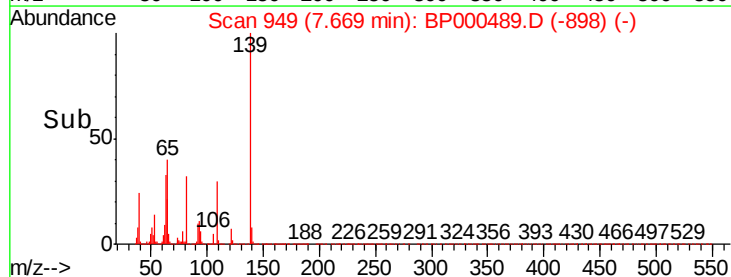
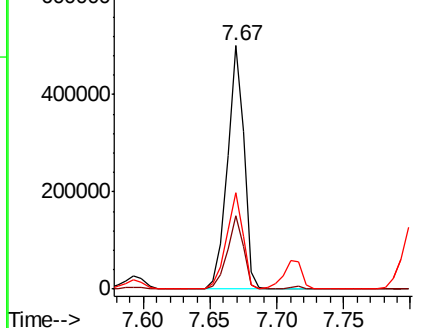
65 39.9 31.5 47.3

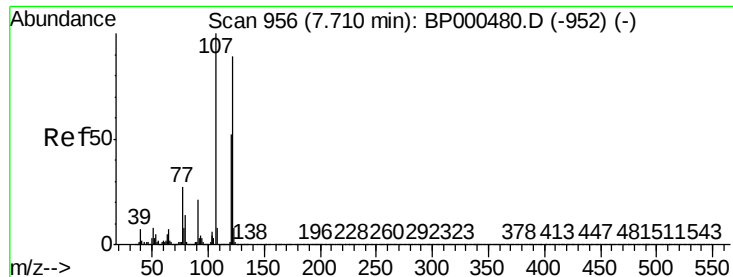


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

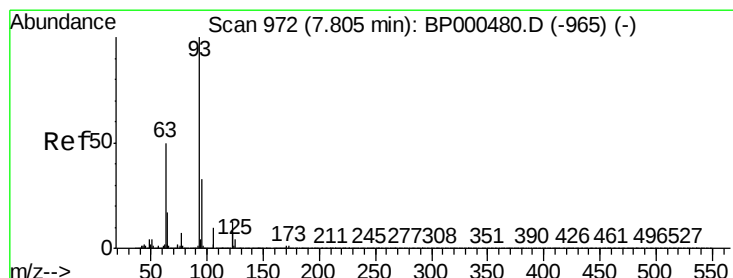
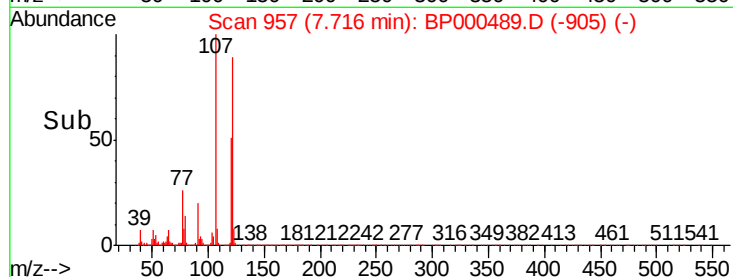
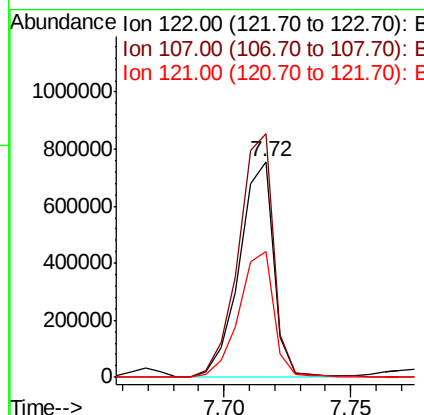
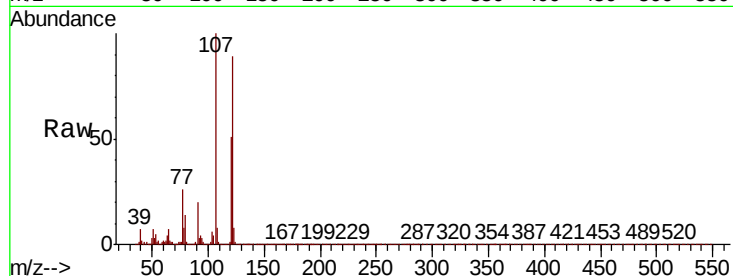




#27
2,4-Dimethylphenol
Concen: 49.511 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

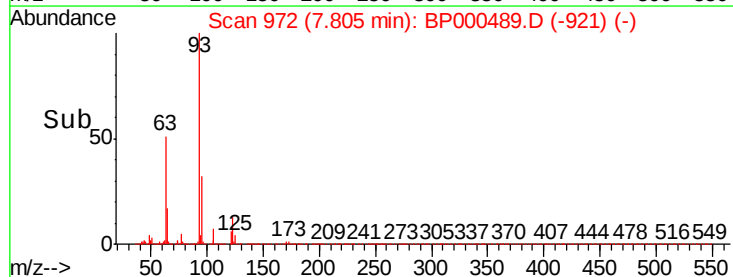
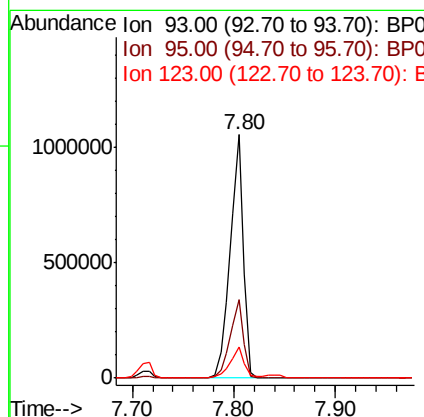
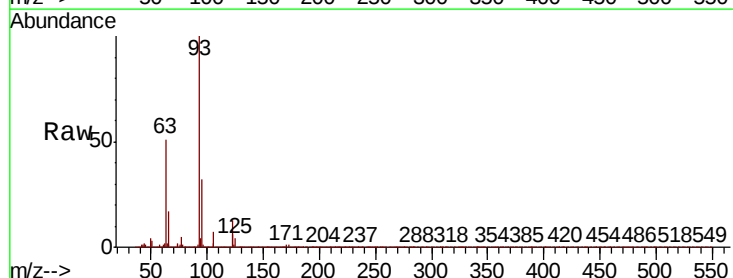
Instrument :
BNA_P
ClientSampled :

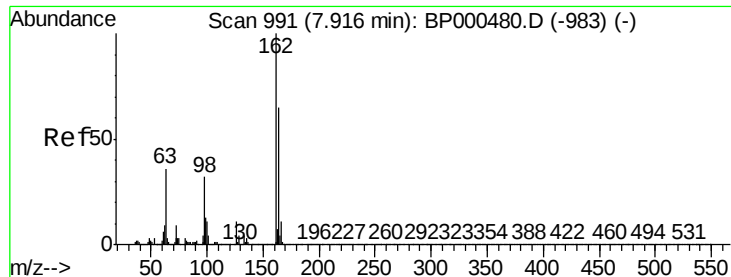
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.9	134.9
121	58.0	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.522 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.8	10.2	15.2

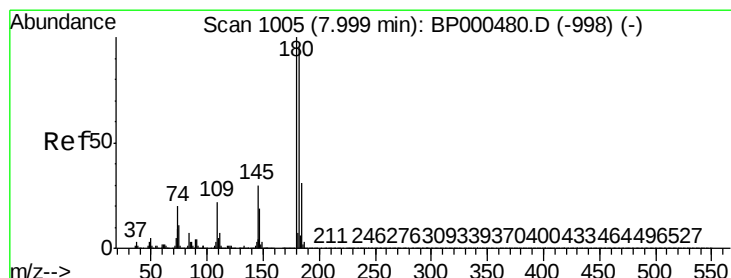
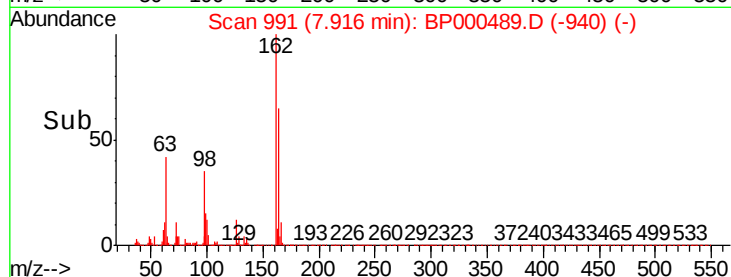
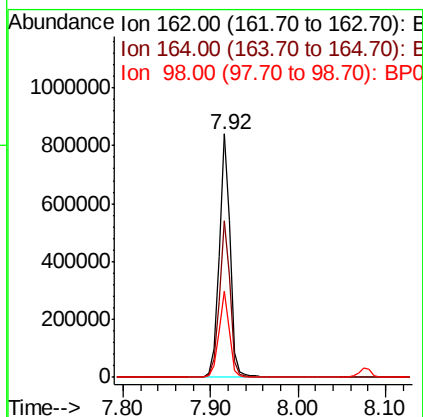
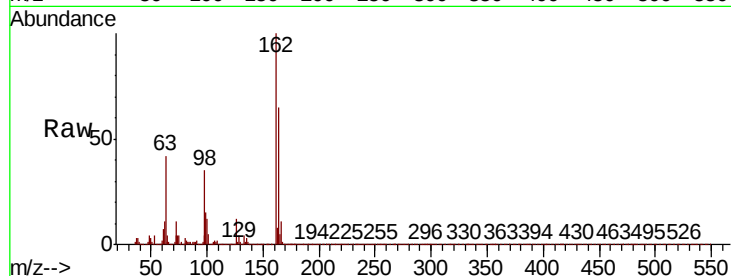




#29
2,4-Dichlorophenol
Concen: 44.268 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

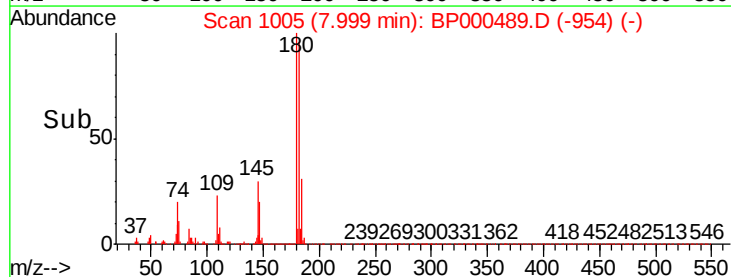
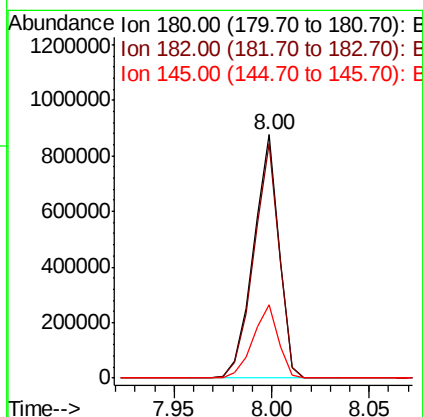
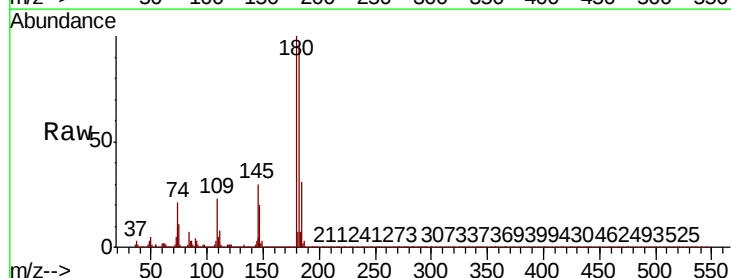
Instrument :
BNA_P
ClientSampled :

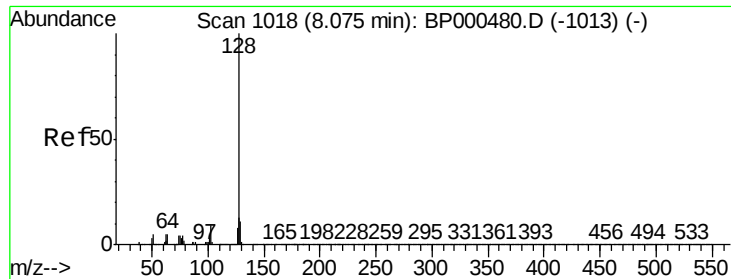
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.2	11.6	51.6



#30
1,2,4-Trichlorobenzene
Concen: 41.055 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	30.1	23.6	35.4

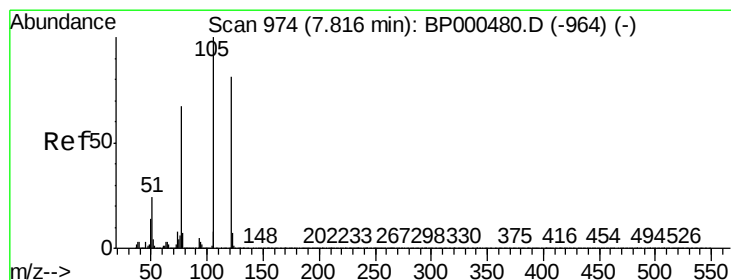
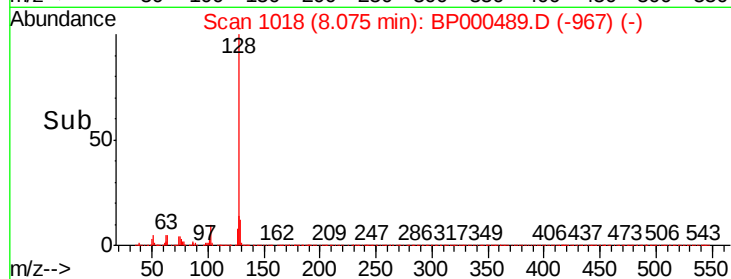
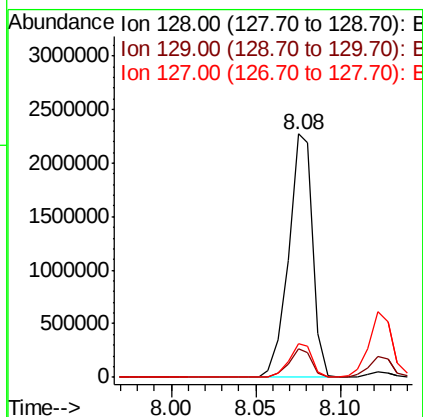
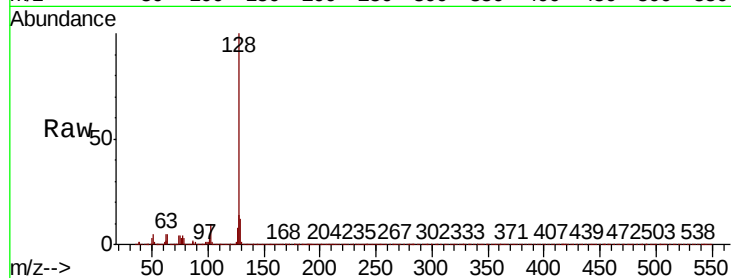




#31
Naphthalene
Concen: 42.491 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

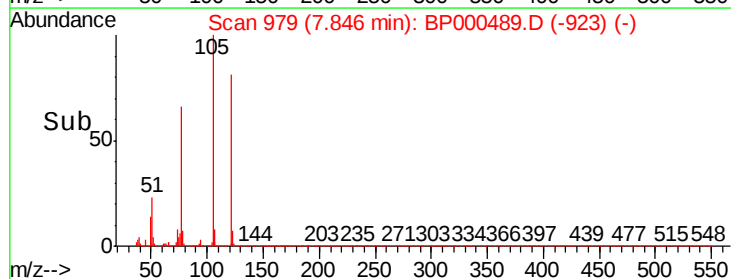
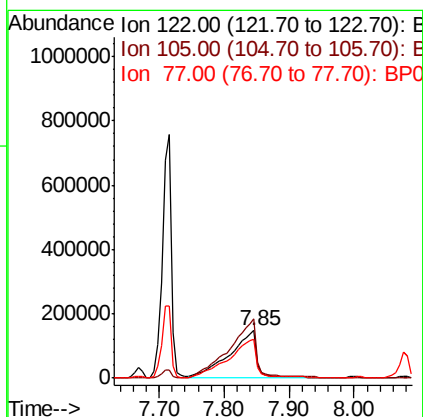
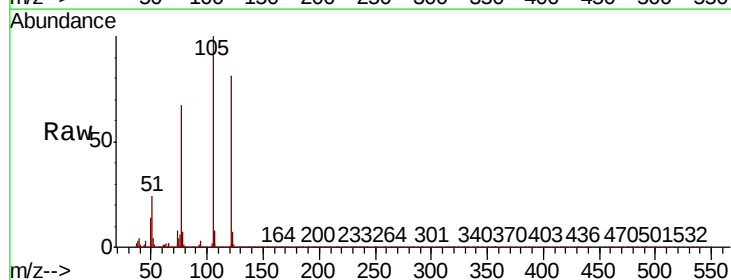
Instrument :
BNA_P
ClientSampleId :

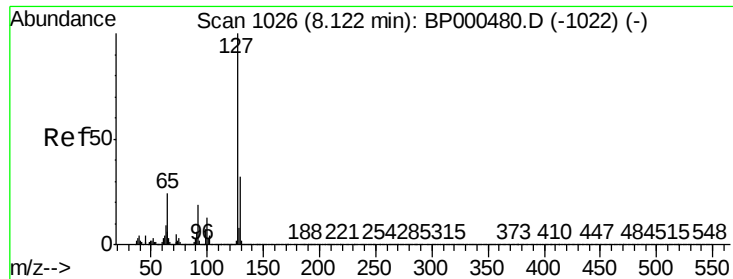
Tot Ion:128 Resp: 2255683
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 47.324 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.03 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:122 Resp: 432373
Ion Ratio Lower Upper
122 100
105 123.7 101.4 141.4
77 82.6 62.1 102.1

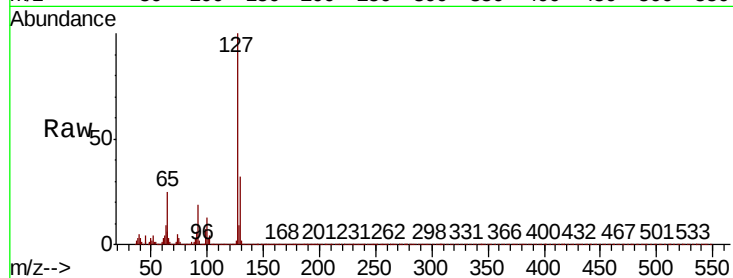




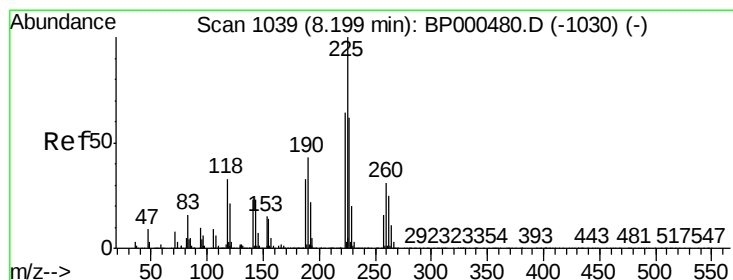
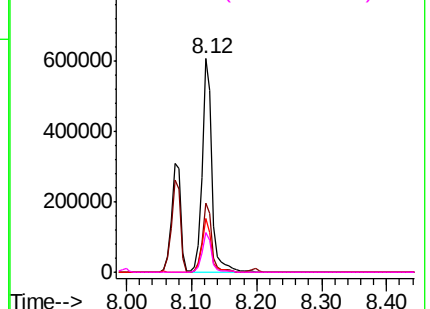
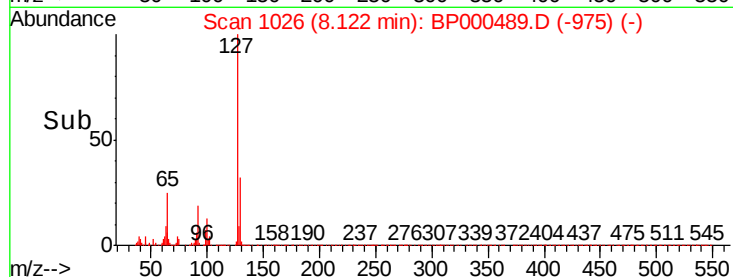
#33
4-Chloroaniline
Concen: 26.743 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	623344
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	25.3	19.2	28.8
92	18.7	14.9	22.3

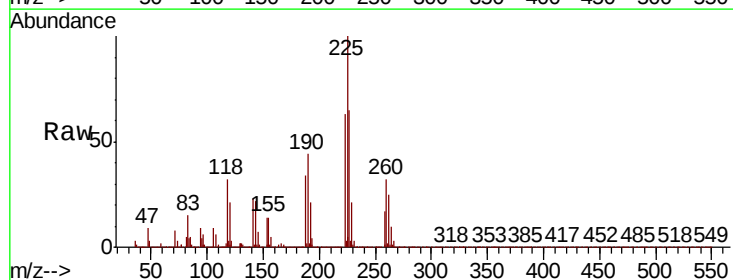


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

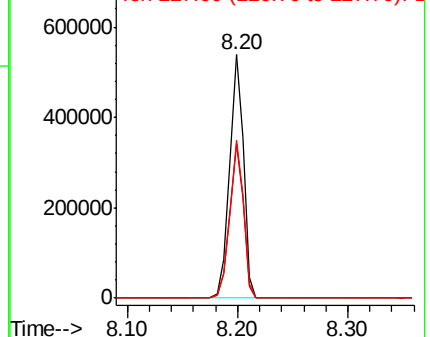
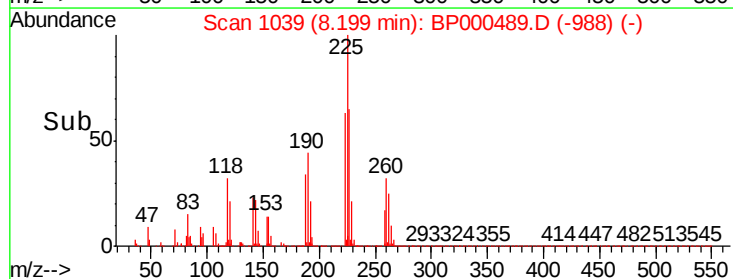


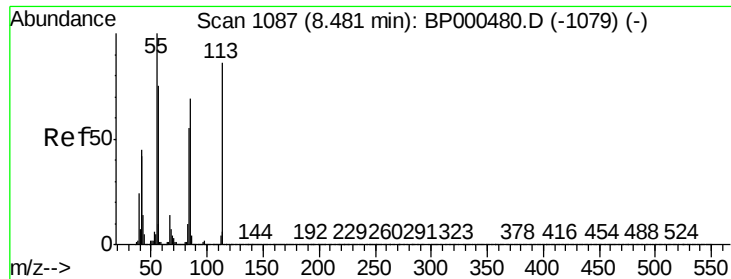
#34
Hexachlorobutadiene
Concen: 41.053 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:	225	Resp:	476696
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.6	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

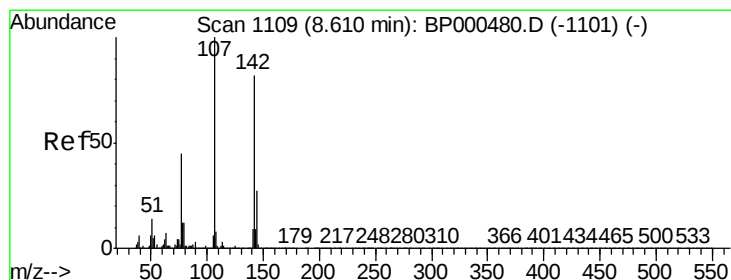
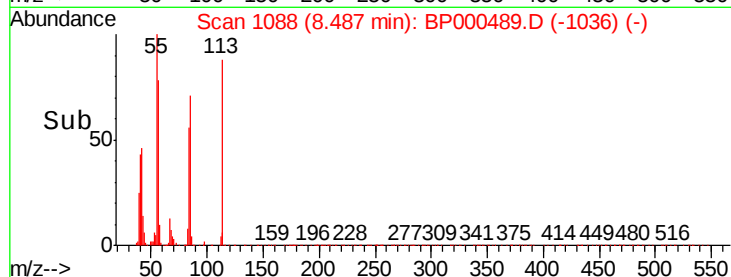
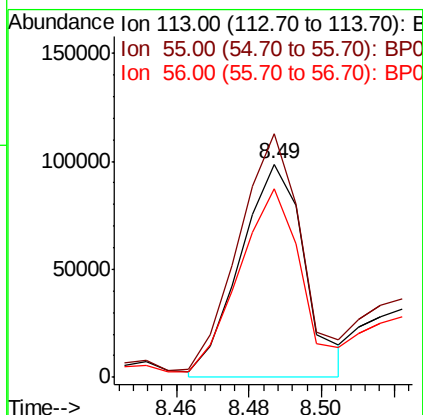
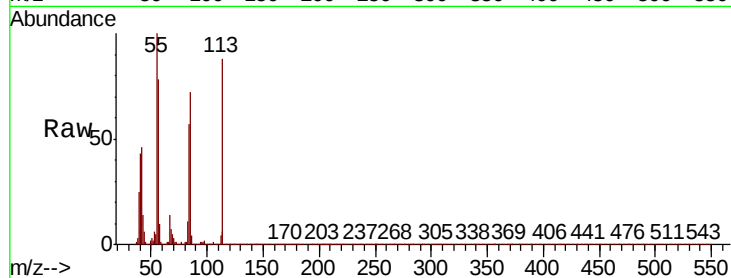




#35
Caprolactam
Concen: 22.177 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

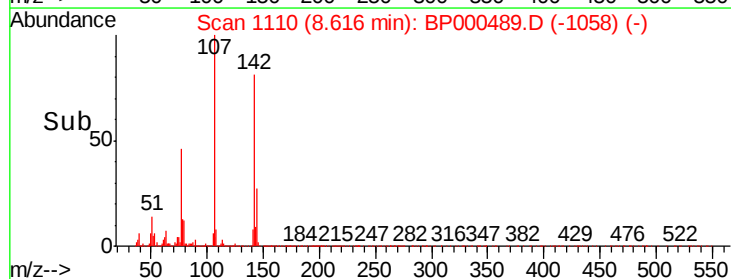
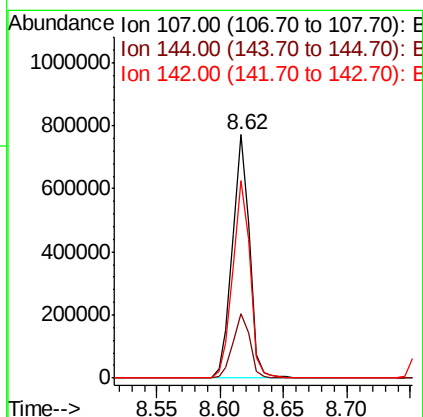
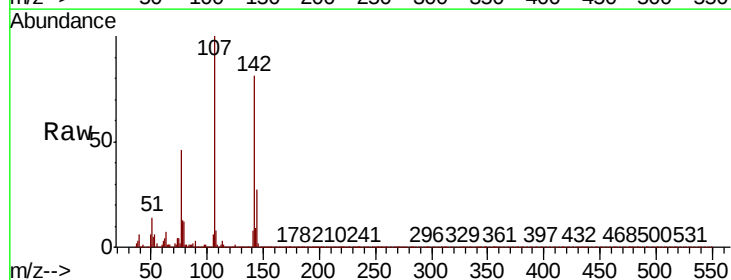
Instrument :
BNA_P
ClientSampleId :

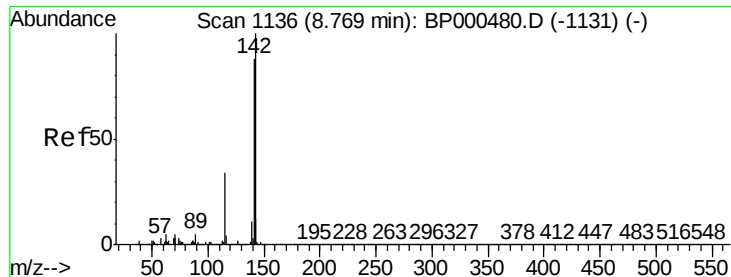
Tot Ion:113 Resp: 121526
Ion Ratio Lower Upper
113 100
55 114.2 95.9 135.9
56 88.6 67.2 107.2



#36
4-Chloro-3-methylphenol
Concen: 44.537 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:107 Resp: 713649
Ion Ratio Lower Upper
107 100
144 26.6 21.8 32.8
142 81.3 65.5 98.3

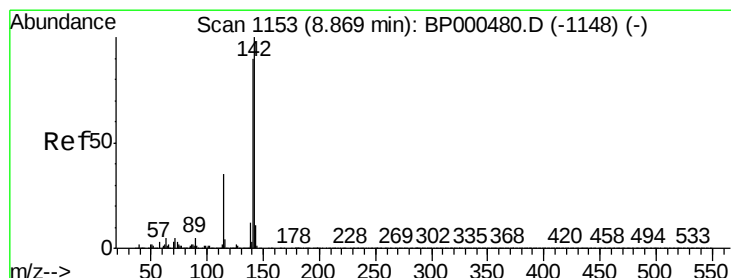
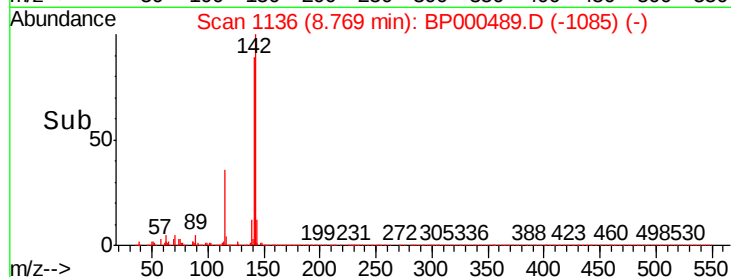
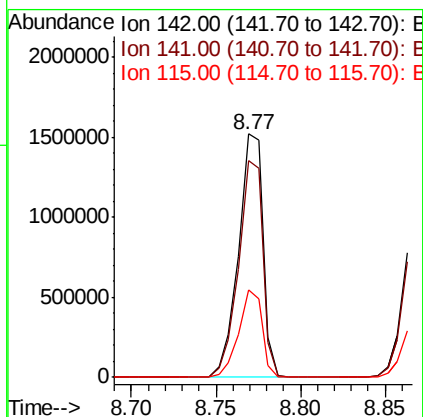
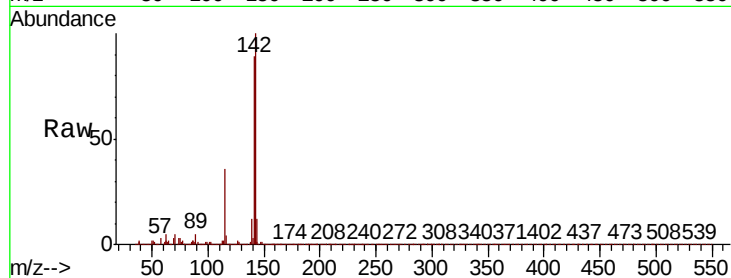




#37
2-Methylnaphthalene
Concen: 43.159 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

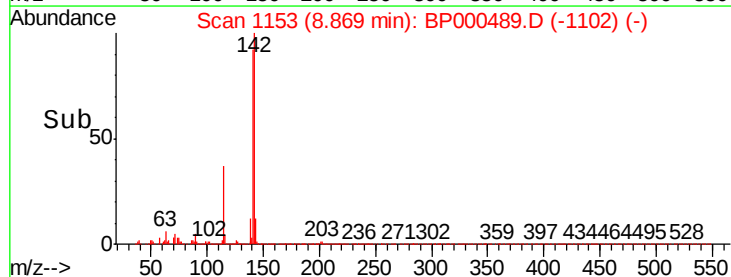
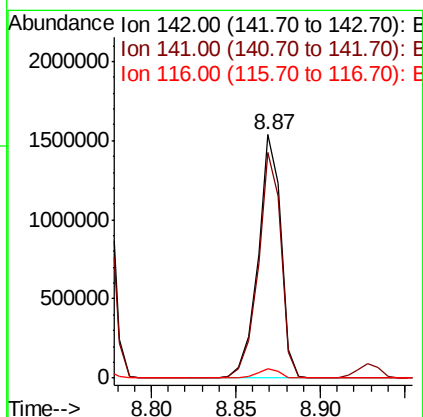
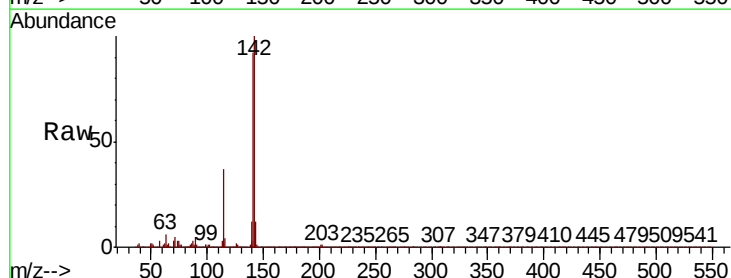
Instrument :
BNA_P
ClientSampleId :

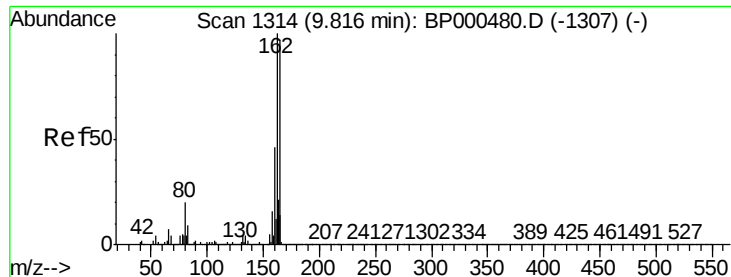
Tot Ion:142 Resp: 1538065
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0
115 35.9 27.4 41.0



#38
1-Methylnaphthalene
Concen: 42.628 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:142 Resp: 1435416
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

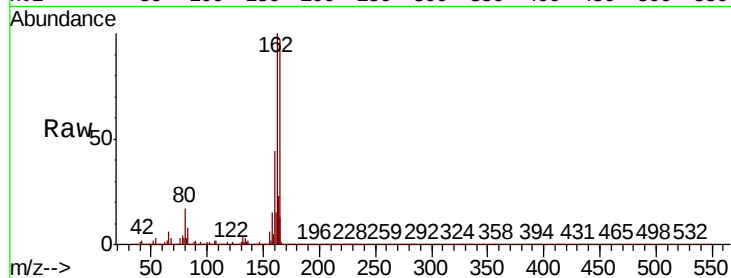
Tot Ion:164 Resp: 608069

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

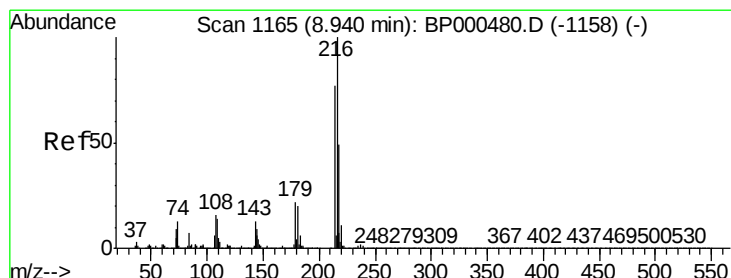
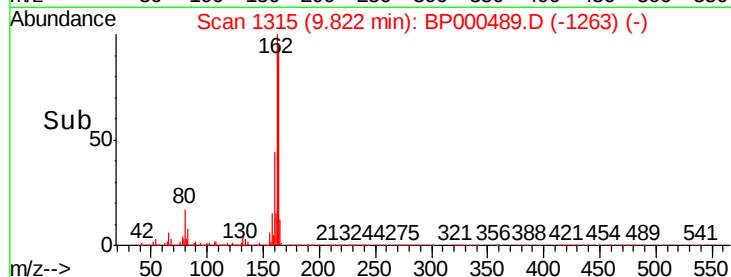
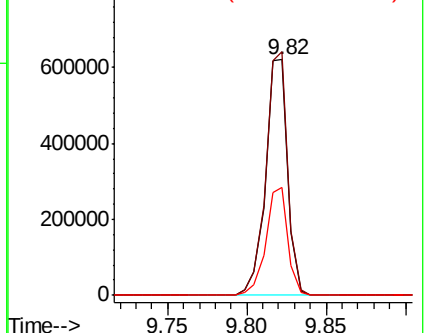
160 45.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.726 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:216 Resp: 783831

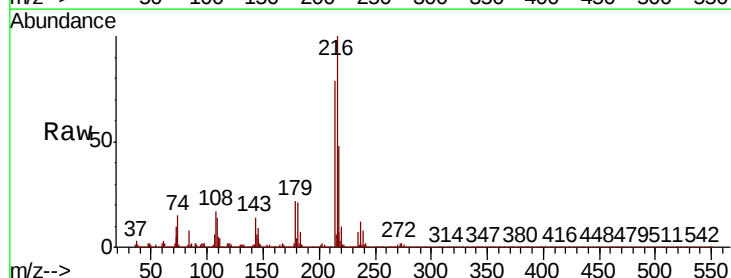
Ion Ratio Lower Upper

216 100

214 78.8 62.7 94.1

179 21.0 16.7 25.1

108 18.6 13.7 20.5

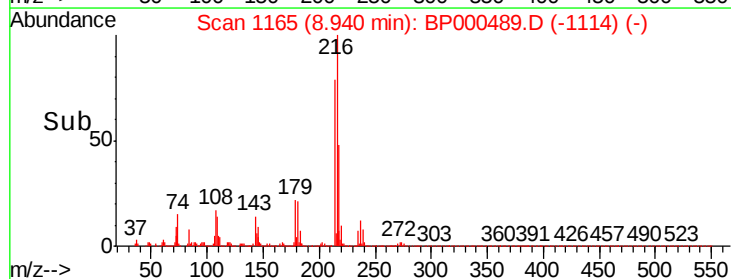
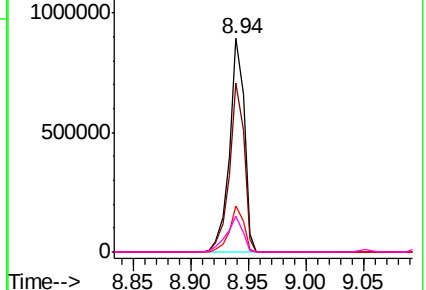


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.878 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

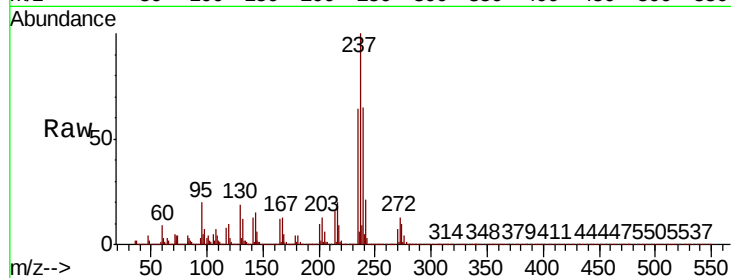
Tot Ion:237 Resp: 691563

Ion Ratio Lower Upper

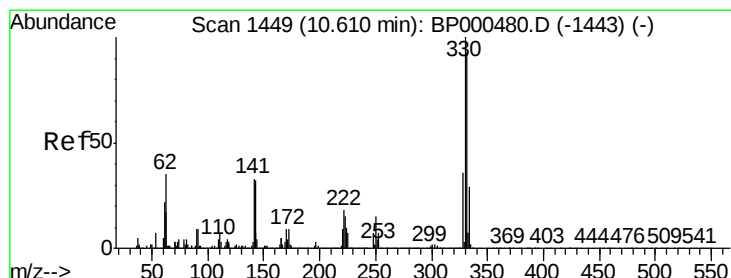
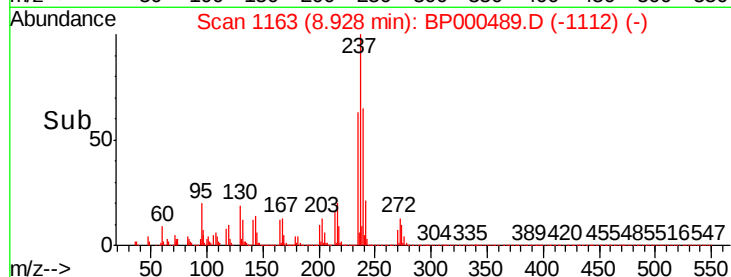
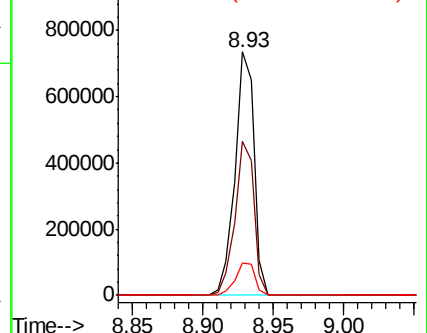
237 100

235 63.5 42.9 82.9

272 13.1 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.512 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

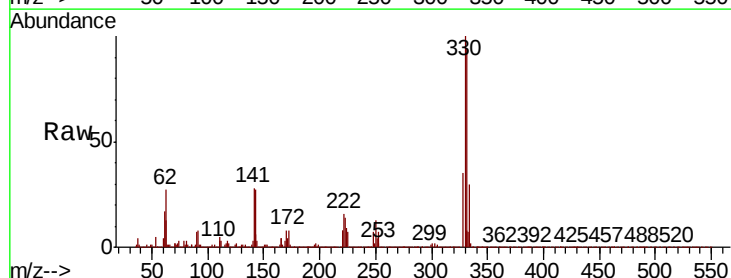
Tgt Ion:330 Resp: 696643

Ion Ratio Lower Upper

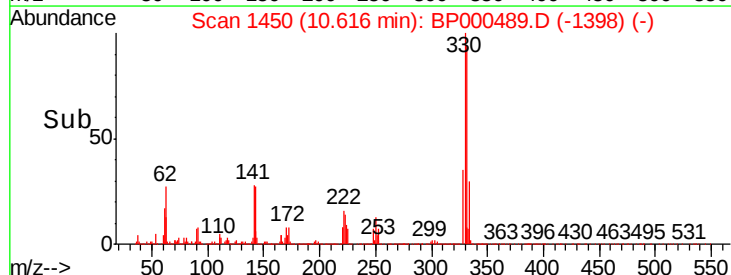
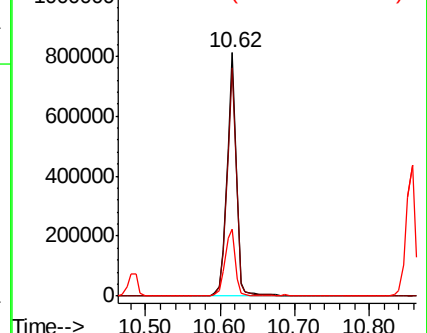
330 100

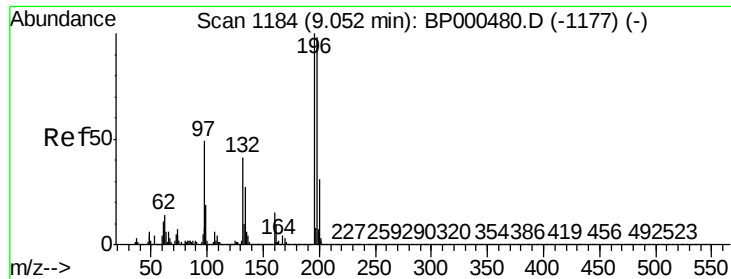
332 95.8 77.1 115.7

141 30.6 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

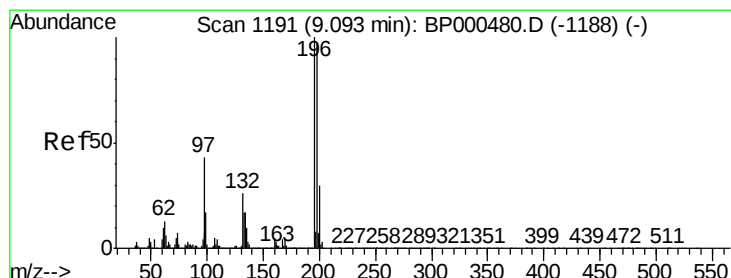
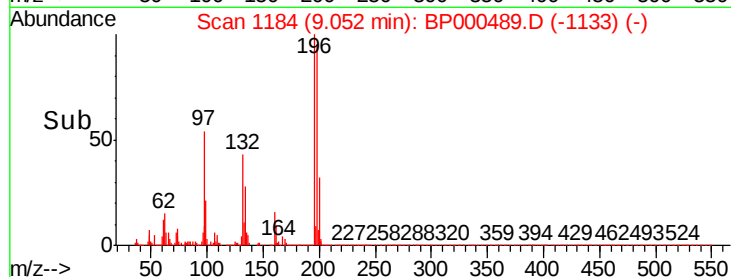
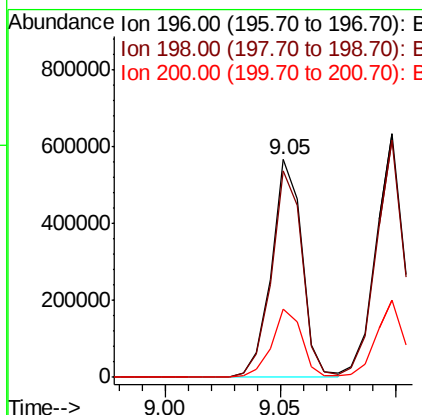
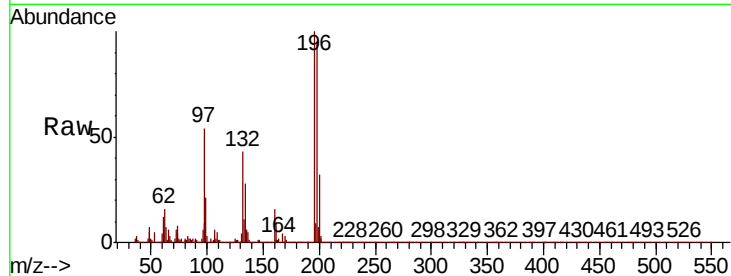




#43
 2,4,6-Trichlorophenol
 Concen: 43.634 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

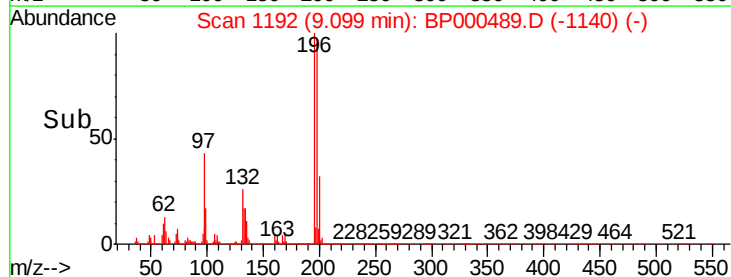
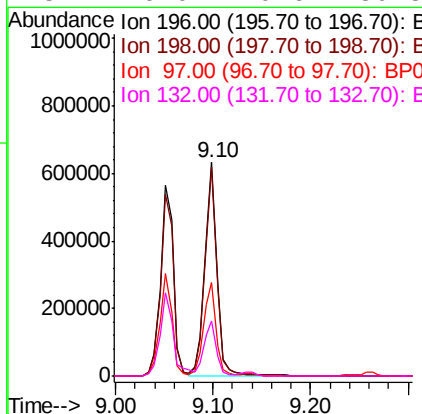
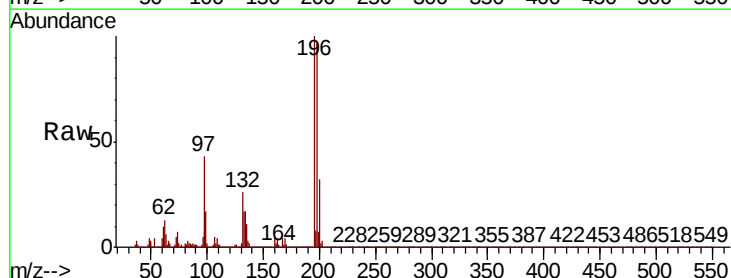
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.2	117.2
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.875 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.4	116.0
97	43.5	34.6	51.8
132	26.0	20.6	30.8



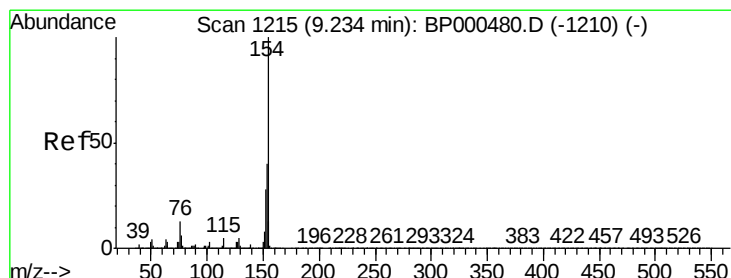
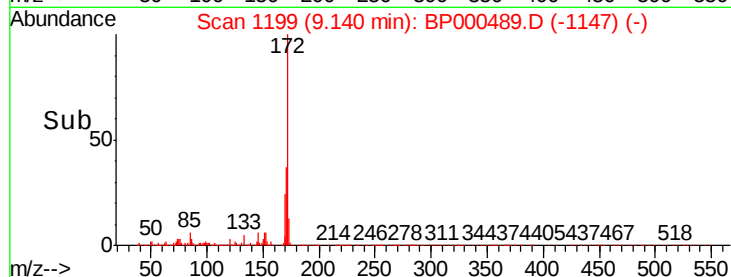
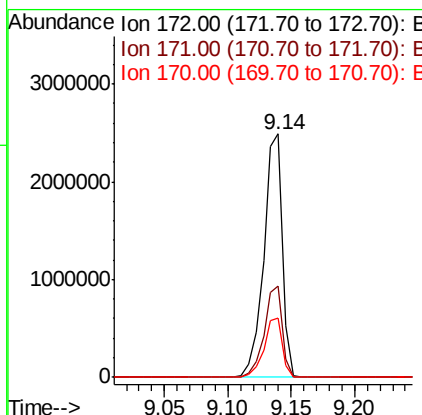
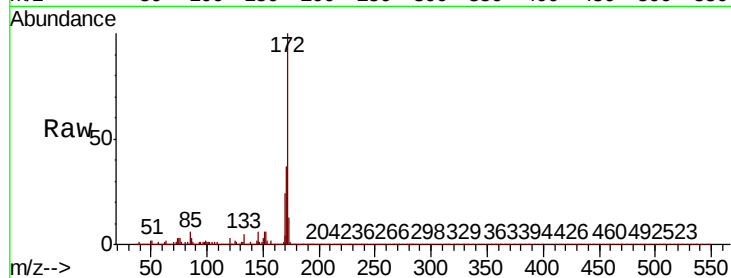


#45
 2-Fluorobiphenyl
 Concen: 67.823 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:172 Resp: 2548908

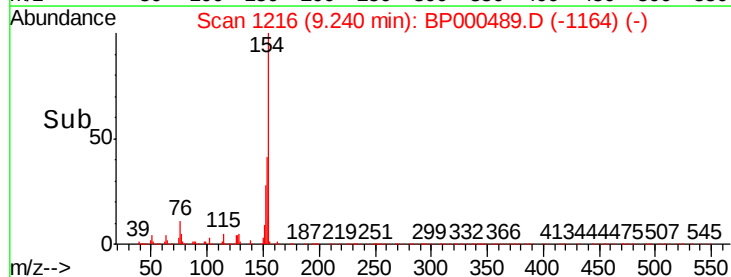
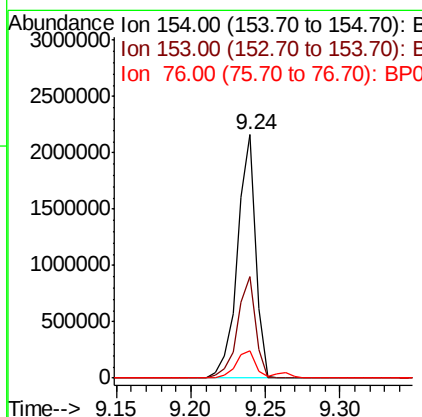
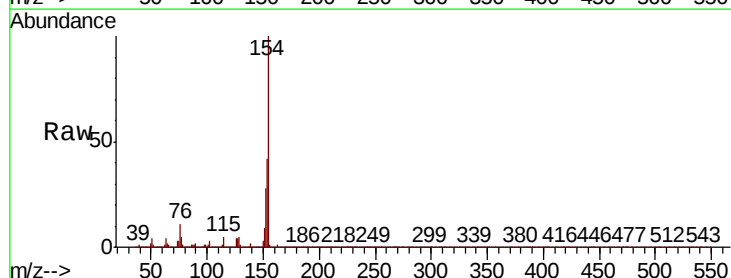
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.4	42.6
170	24.3	19.1	28.7

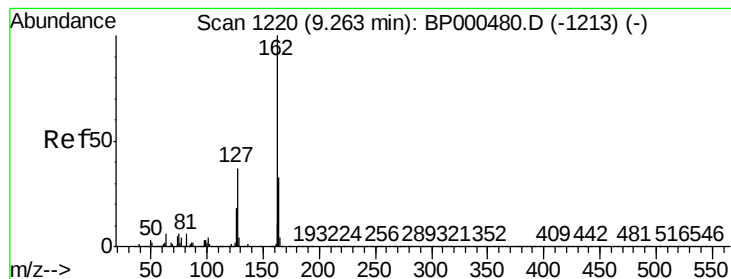


#46
 1,1'-Biphenyl
 Concen: 40.357 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion:154 Resp: 1852321

Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.9	59.9
76	11.0	0.0	32.8





#47

2-Chloronaphthalene

Concen: 41.177 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

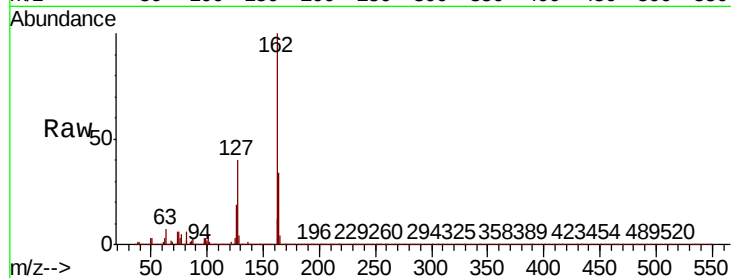
Tot Ion:162 Resp: 1461432

Ion Ratio Lower Upper

162 100

127 40.1 29.8 44.6

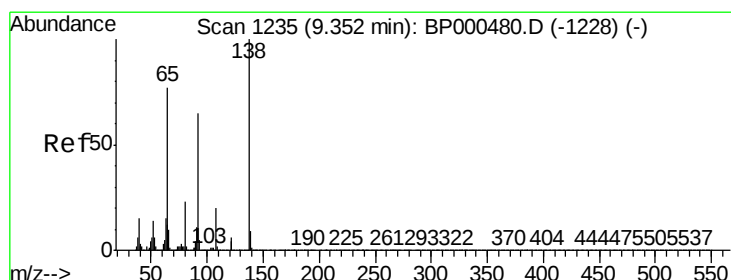
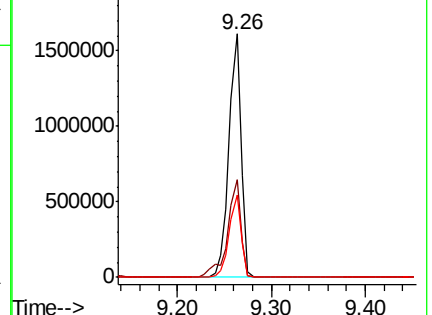
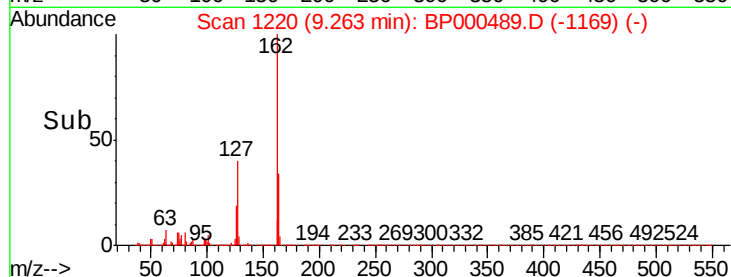
164 33.6 26.6 39.8



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: 41.155 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

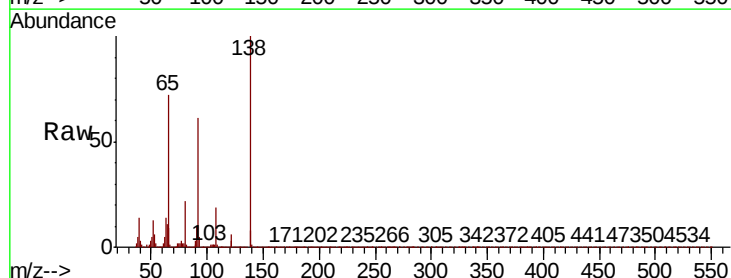
Tgt Ion: 65 Resp: 353630

Ion Ratio Lower Upper

65 100

92 85.2 67.0 100.4

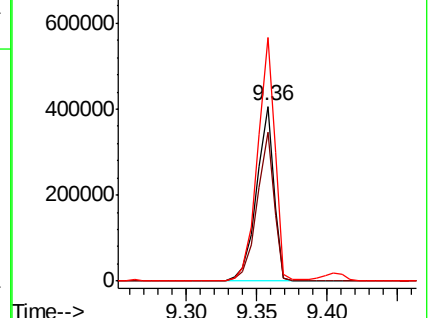
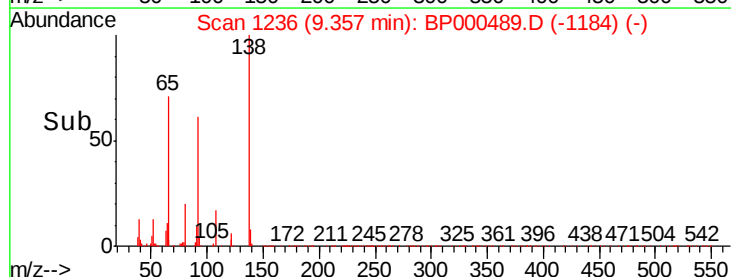
138 139.5 103.5 155.3

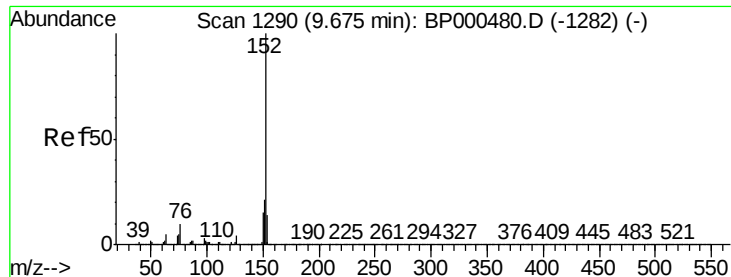


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.389 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

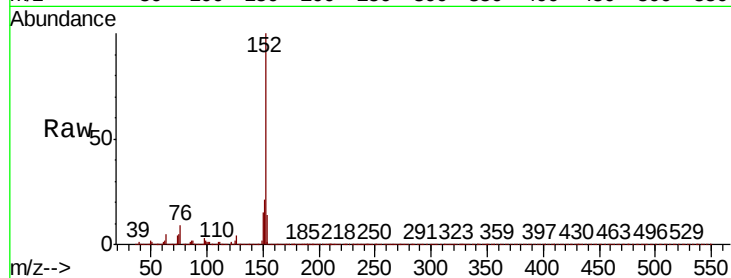
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2216215

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0
153	13.9	11.0	16.6

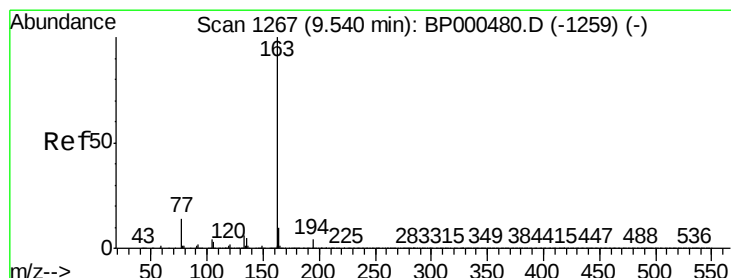
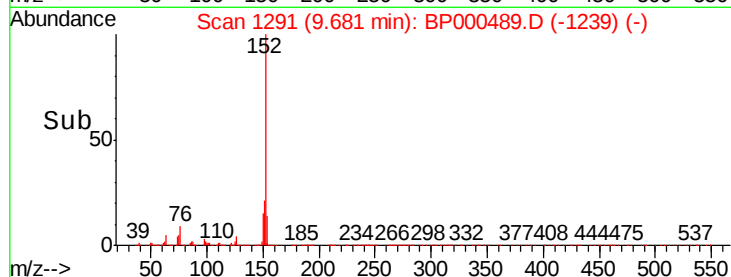
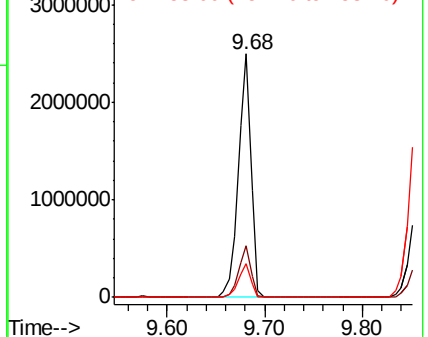


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.156 ng

RT: 9.55 min Scan# 1268

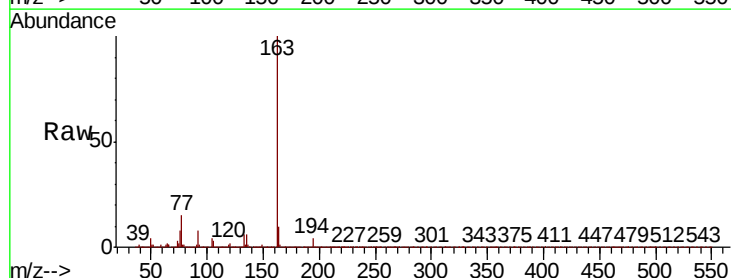
Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:163 Resp: 1738895

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	8.0	12.0

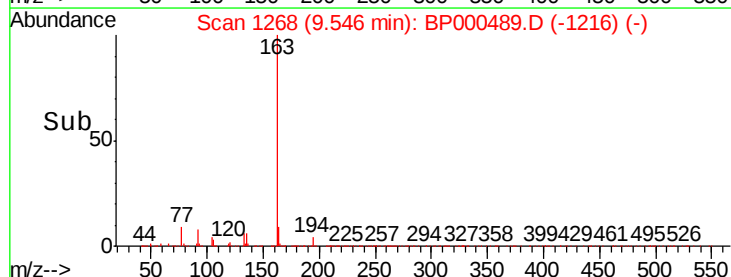
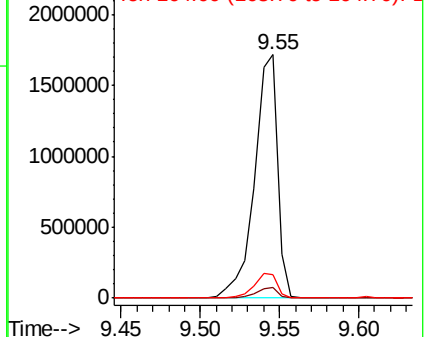


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

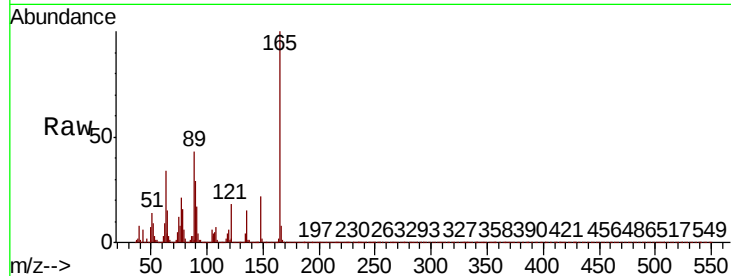




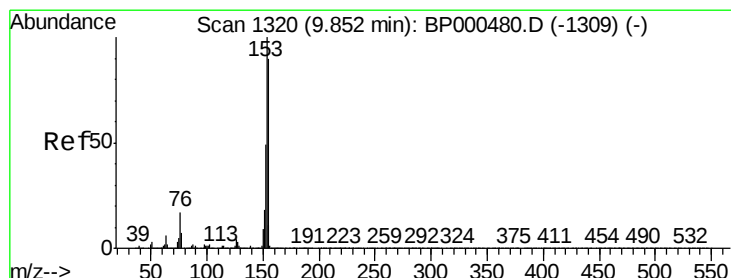
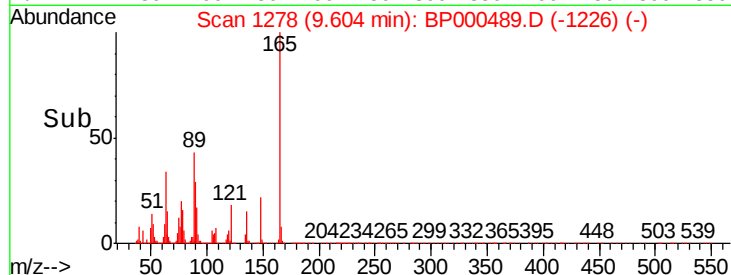
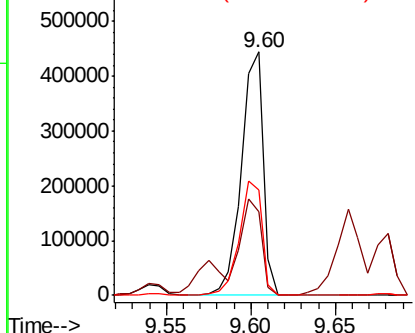
#51
2,6-Dinitrotoluene
Concen: 43.639 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.4	29.9	44.9
89	43.4	37.3	55.9

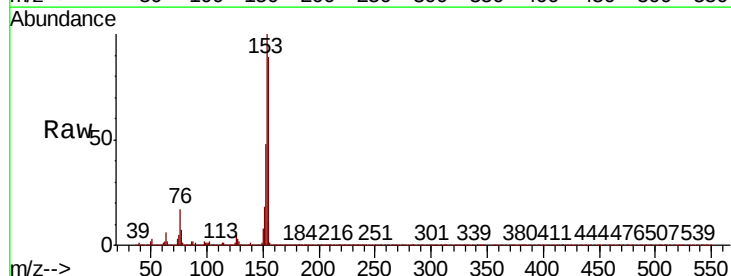


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

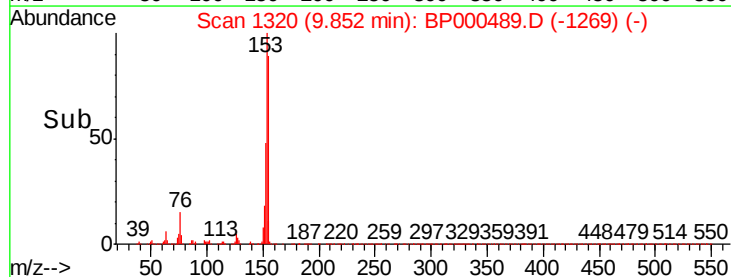
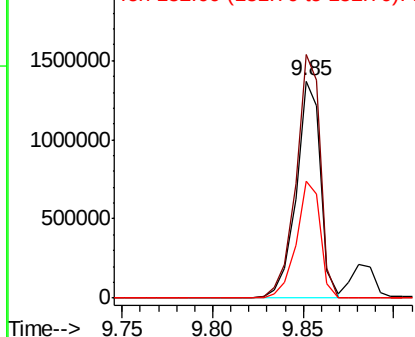


#52
Acenaphthene
Concen: 39.943 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	54.0	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

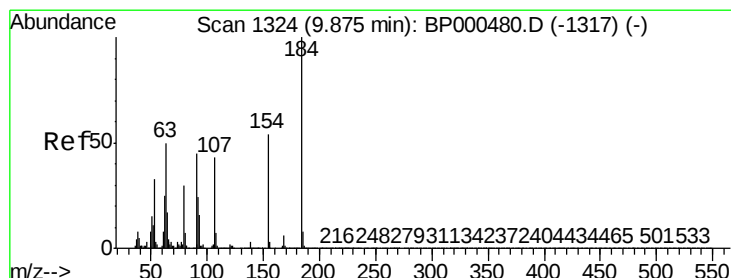
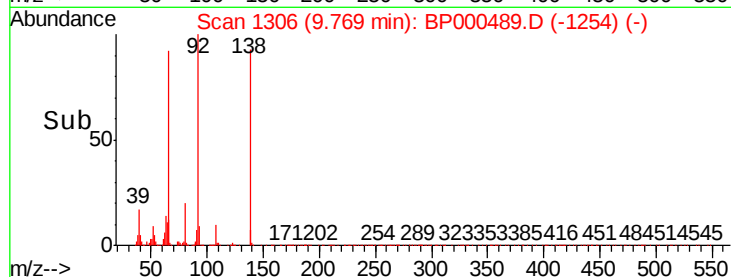
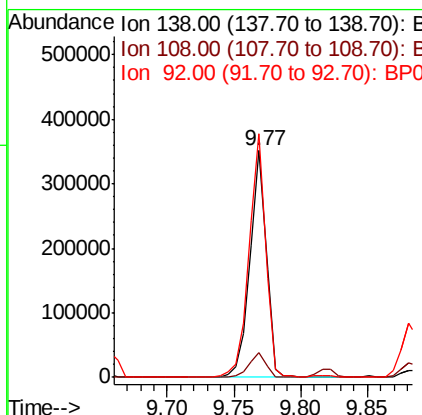
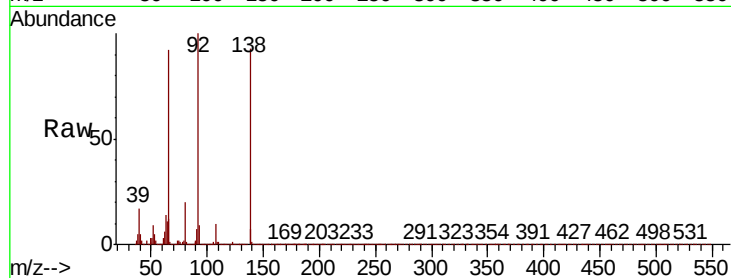




#53
3-Nitroaniline
Concen: 27.888 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

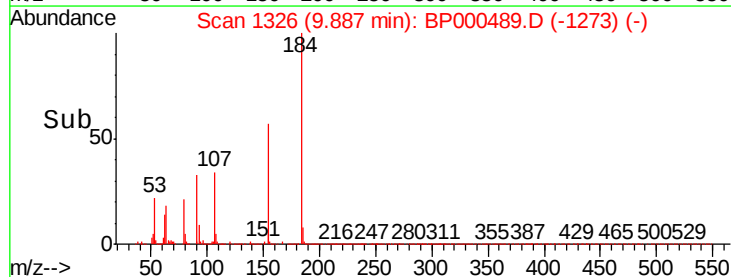
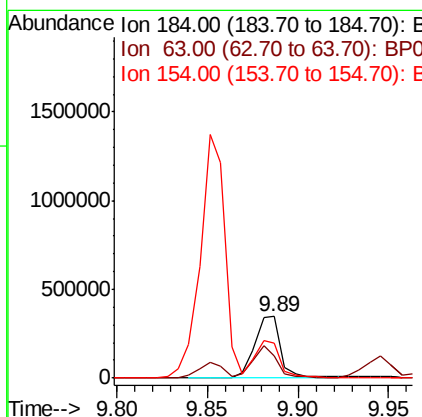
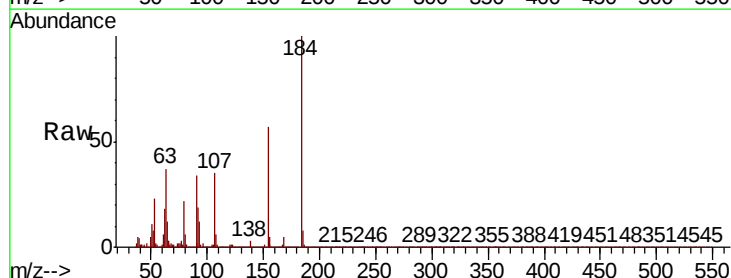
Instrument :
BNA_P
ClientSampleId :

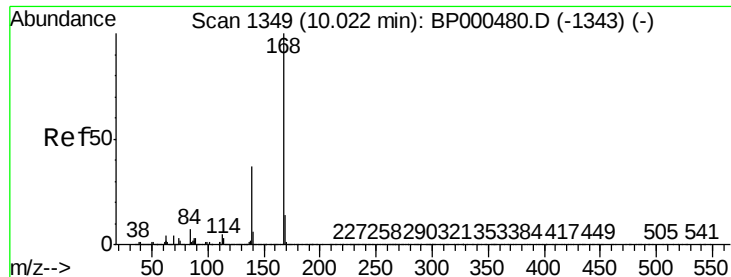
Tot Ion:138 Resp: 294427
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 107.4 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 114.249 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:184 Resp: 351263
Ion Ratio Lower Upper
184 100
63 37.0 41.0 61.4#
154 57.2 49.8 74.8





#55

Dibenzofuran

Concen: 41.684 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

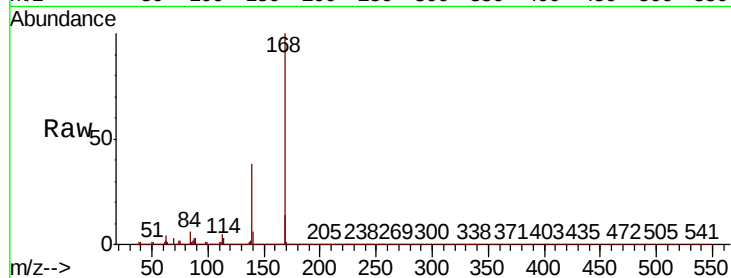
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 2023937

Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.5	44.3
169	13.5	11.1	16.7

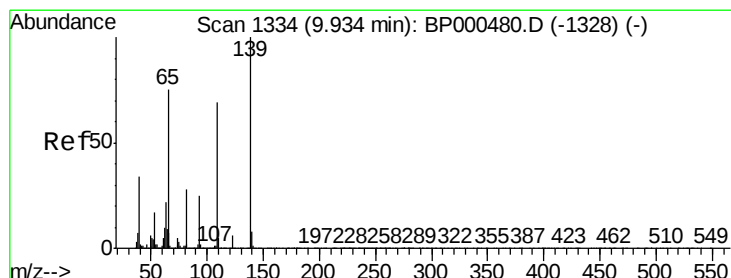
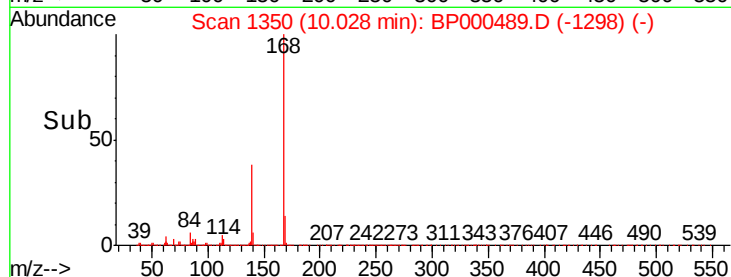
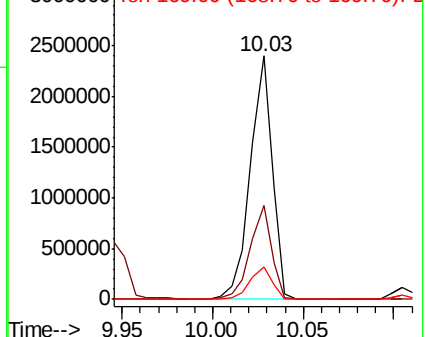


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.966 ng

RT: 9.95 min Scan# 1336

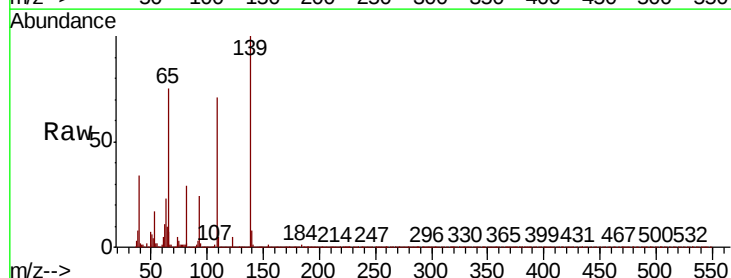
Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:139 Resp: 579437

Ion	Ratio	Lower	Upper
139	100		
109	71.2	48.6	88.6
65	75.3	55.3	95.3

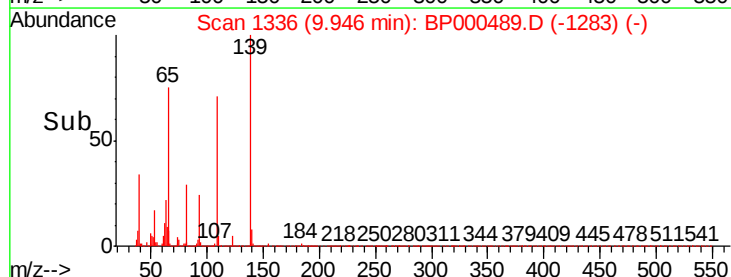
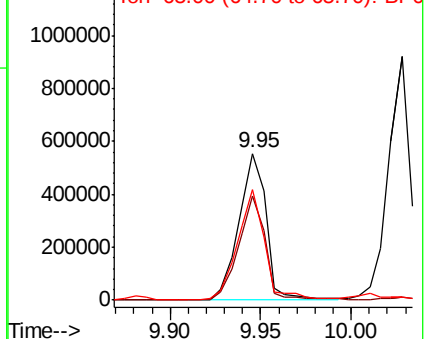


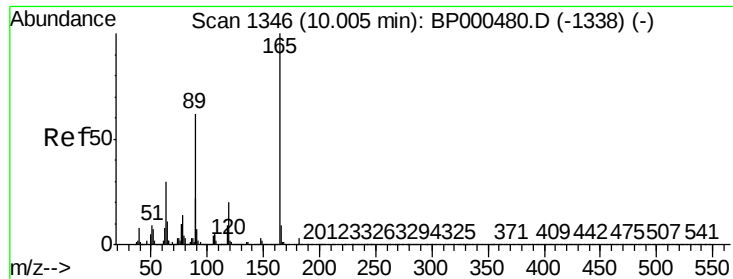
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

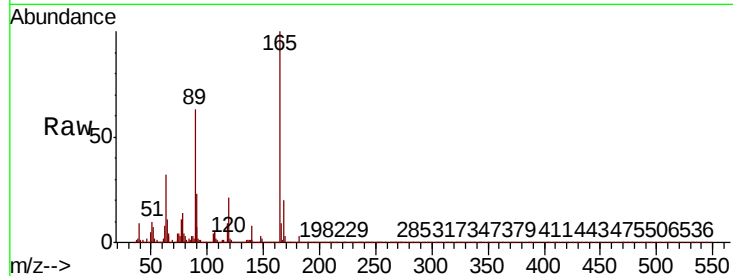




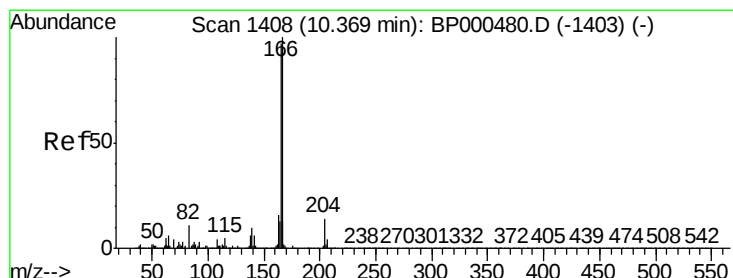
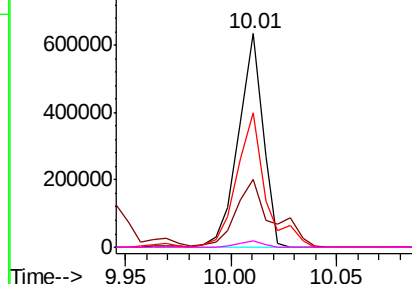
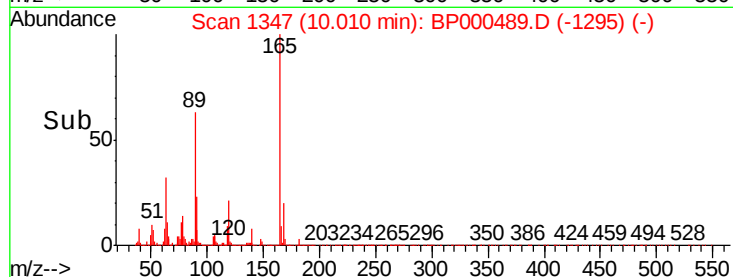
#57
2,4-Dinitrotoluene
Concen: 41.751 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 510064
Ion Ratio Lower Upper
165 100
63 31.9 24.2 36.4
89 63.2 49.4 74.0
182 3.0 2.5 3.7

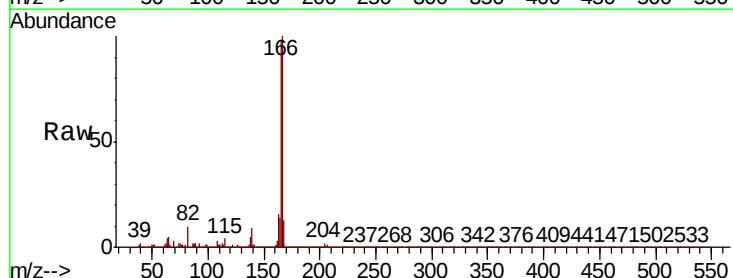


Abundance Ion 165.00 (164.70 to 165.70): E
1000000
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

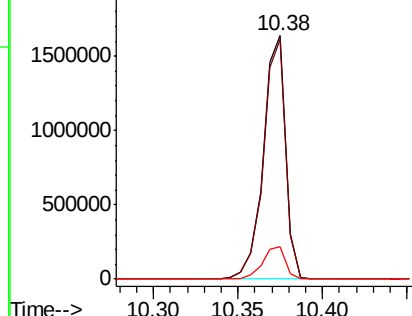
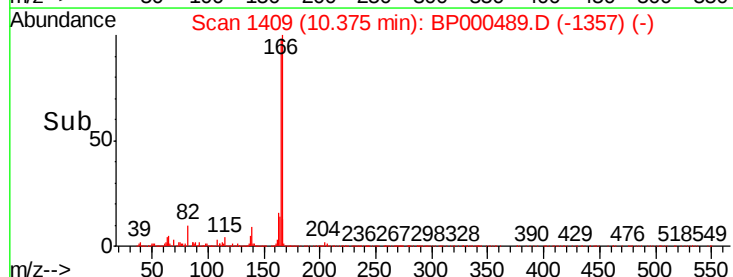


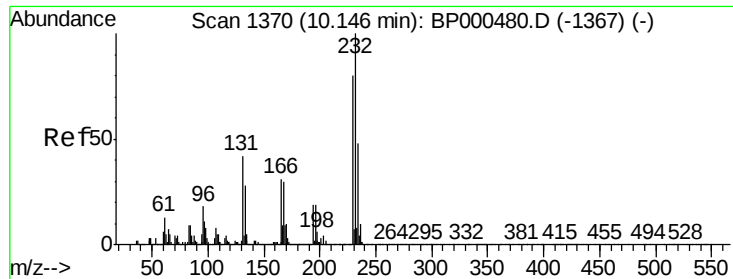
#58
Fluorene
Concen: 43.105 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:166 Resp: 1491650
Ion Ratio Lower Upper
166 100
165 98.3 77.3 115.9
167 13.4 10.6 16.0



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

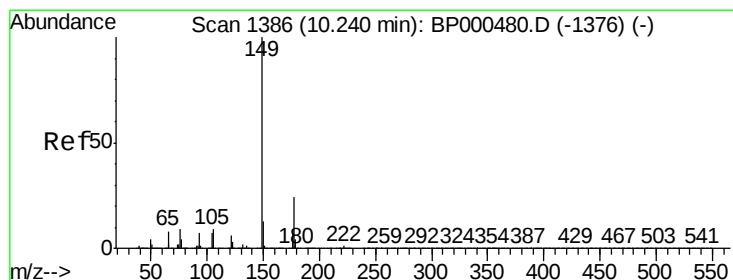
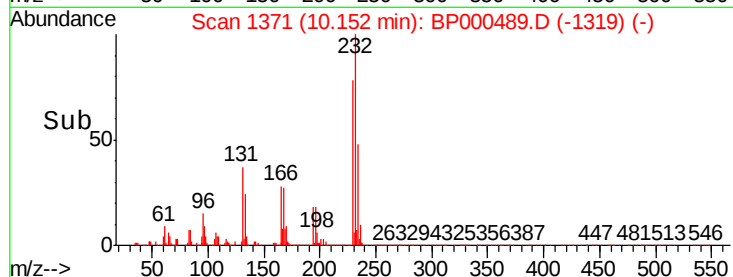
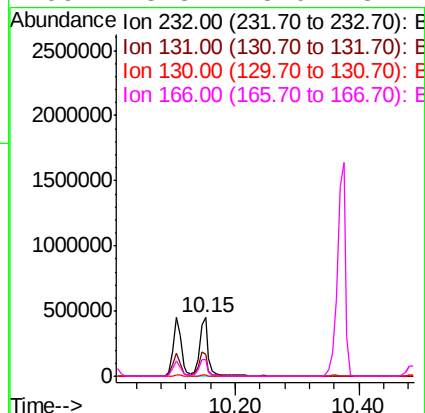
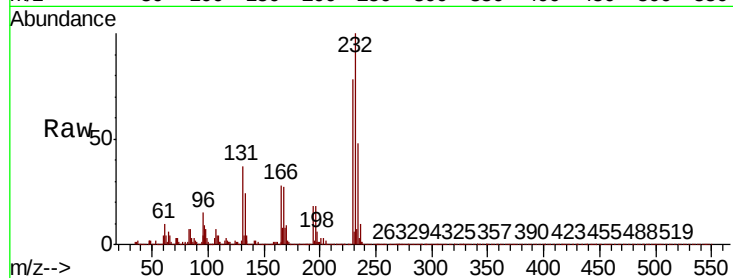




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.289 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

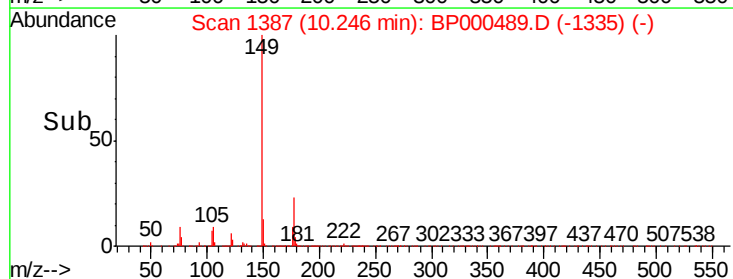
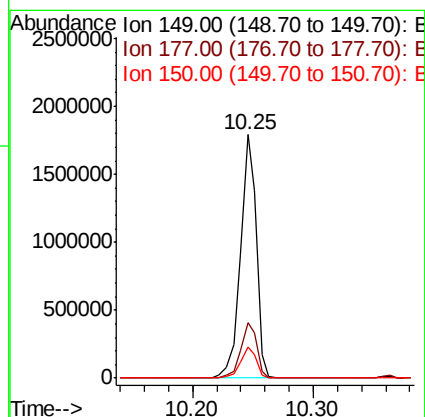
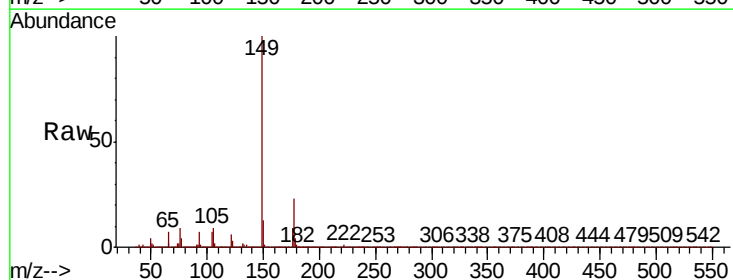
Instrument :
 BNA_P
 ClientSampled :

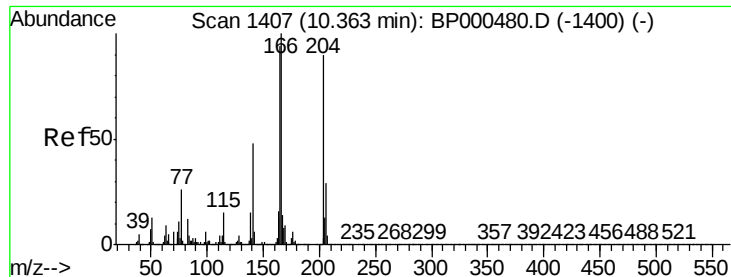
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.1	48.1
130	2.1	1.6	2.4
166	28.3	23.0	34.4



#60
 Diethylphthalate
 Concen: 40.684 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.6
150	13.0	10.8	16.2





#61

4-Chlorophenyl-phenylether

Concen: 42.308 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

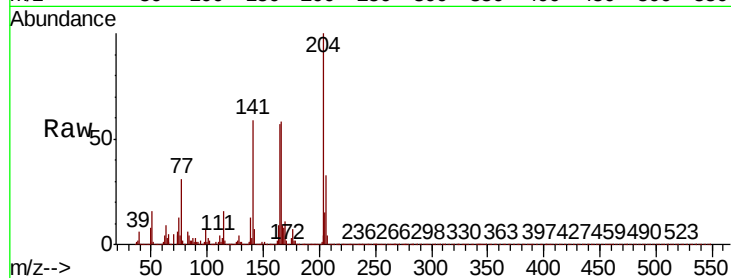
Tot Ion:204 Resp: 787291

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.8

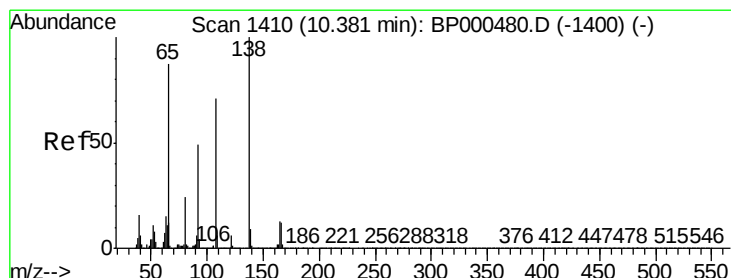
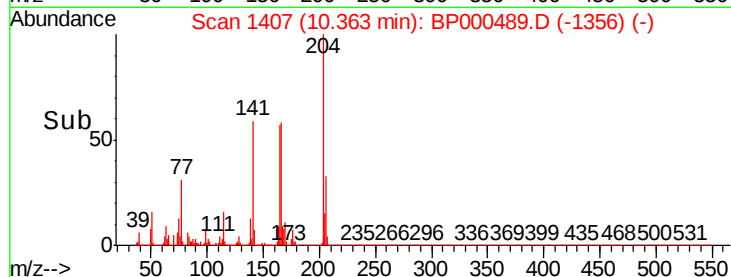
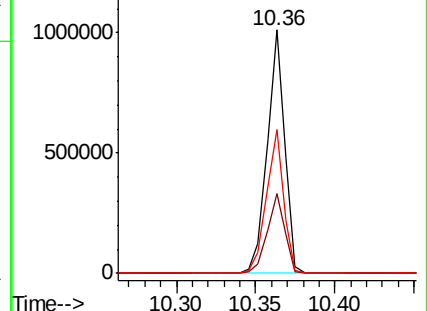
141 58.9 42.8 64.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.389 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

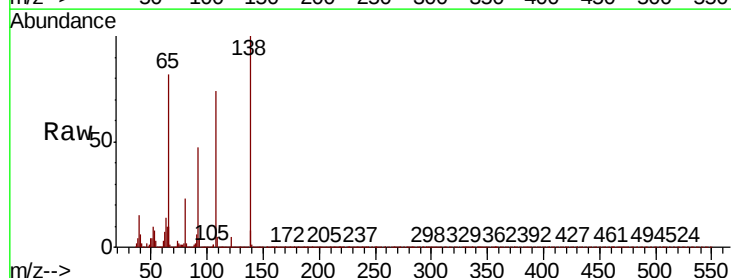
Tgt Ion:138 Resp: 399947

Ion Ratio Lower Upper

138 100

92 47.0 28.7 68.7

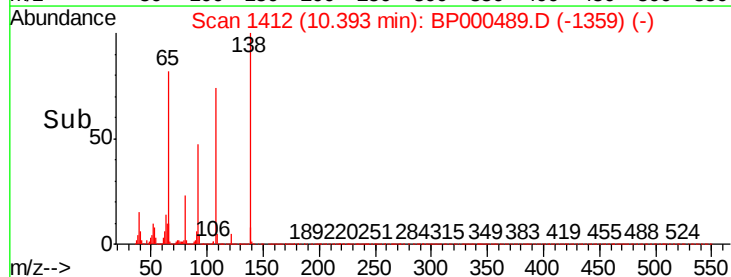
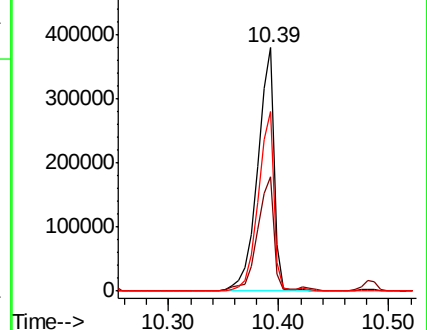
108 73.6 50.6 90.6

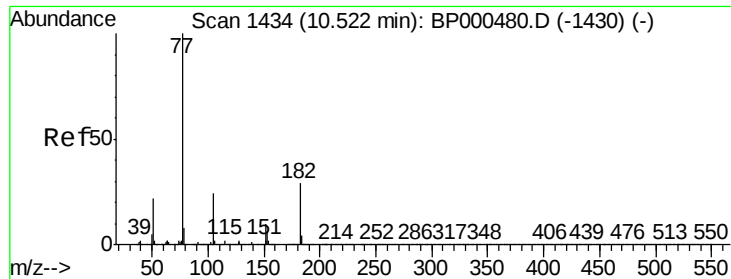


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

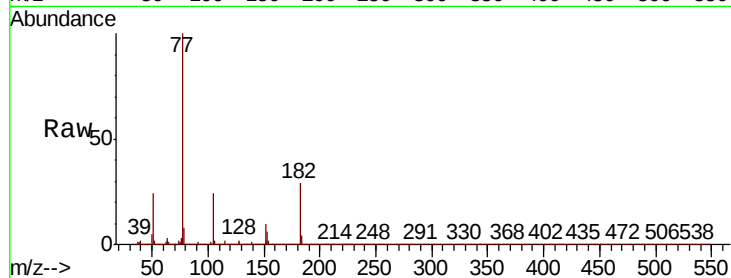




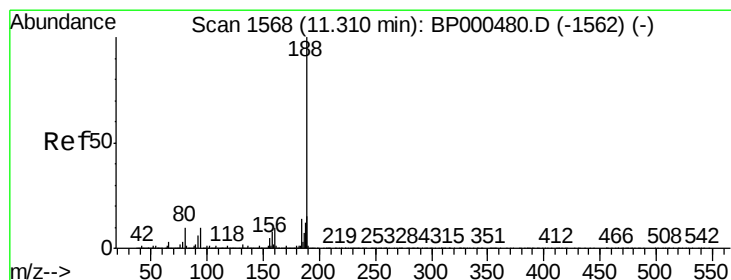
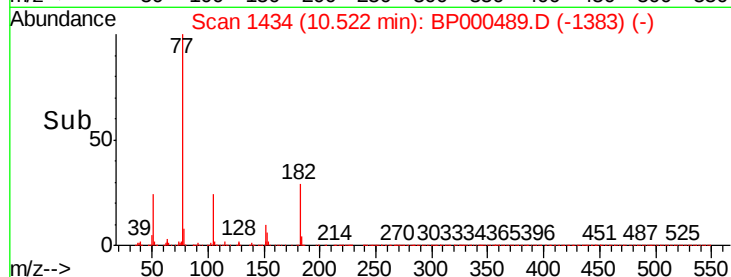
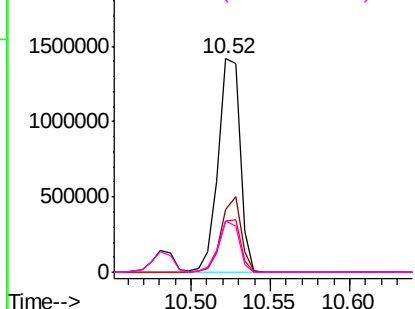
#63
Azobenzene
Concen: 44.144 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1359341
Ion Ratio Lower Upper
77 100
182 29.2 9.0 49.0
105 24.1 3.8 43.8
51 23.7 1.9 41.9

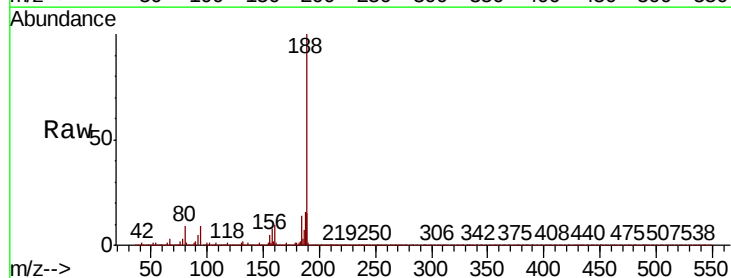


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

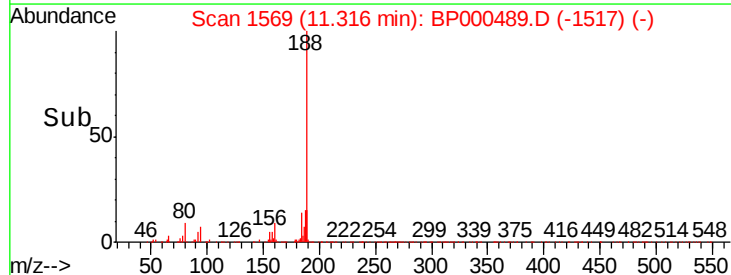
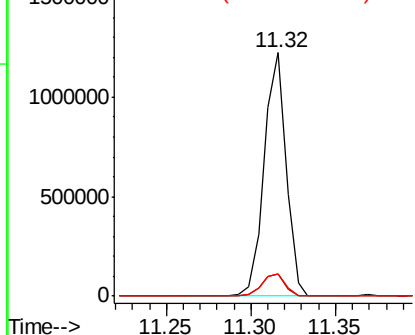


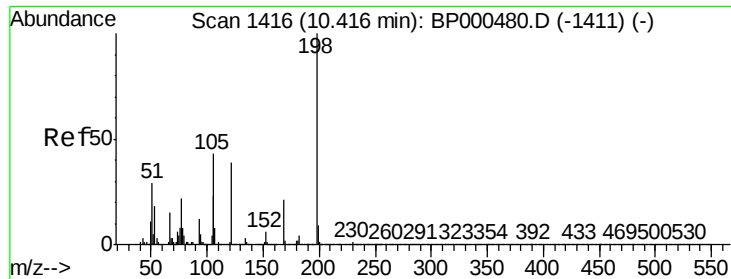
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion: 188 Resp: 1100234
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.2 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: 53.446 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

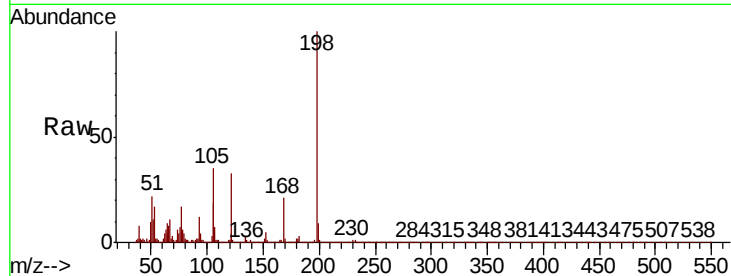
Tot Ion:198 Resp: 260668

Ion Ratio Lower Upper

198 100

51 22.0 12.8 52.8

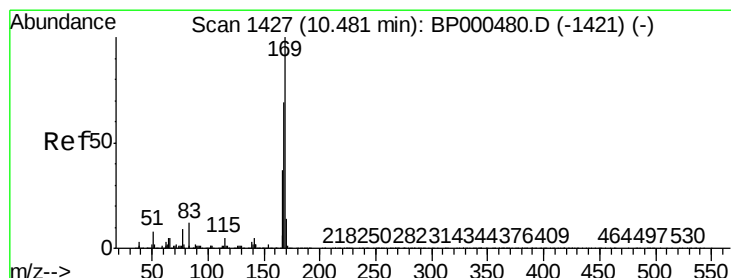
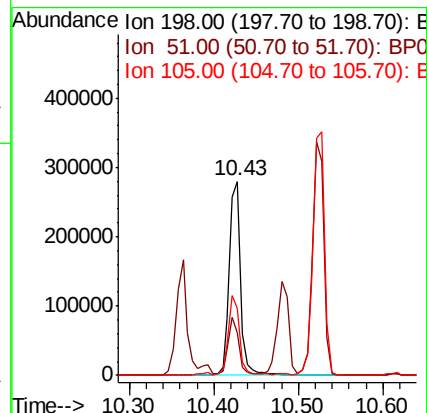
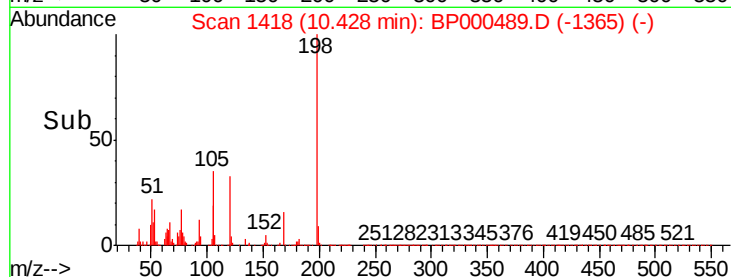
105 34.7 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.813 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

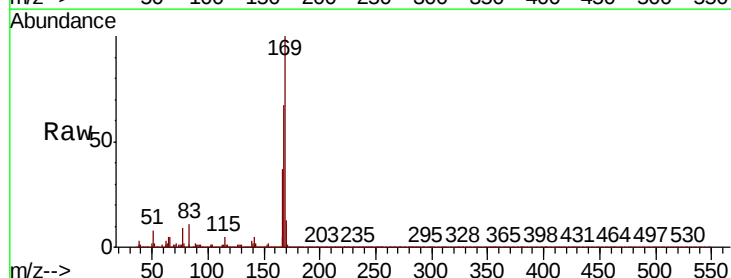
Tgt Ion:169 Resp: 1371912

Ion Ratio Lower Upper

169 100

168 67.0 55.4 83.2

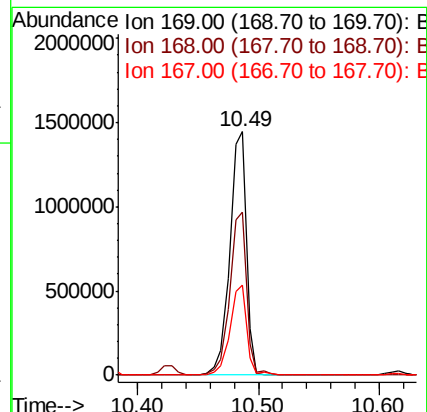
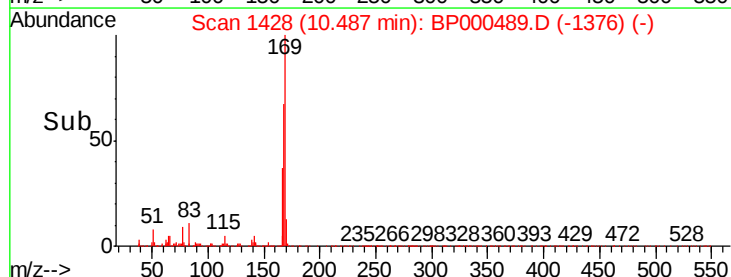
167 36.8 29.4 44.2

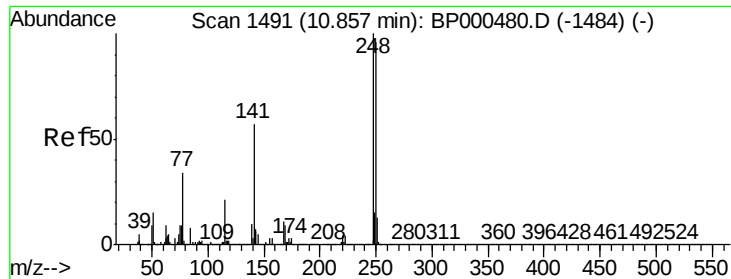


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

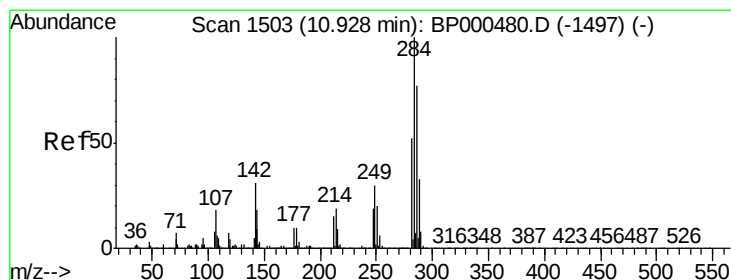
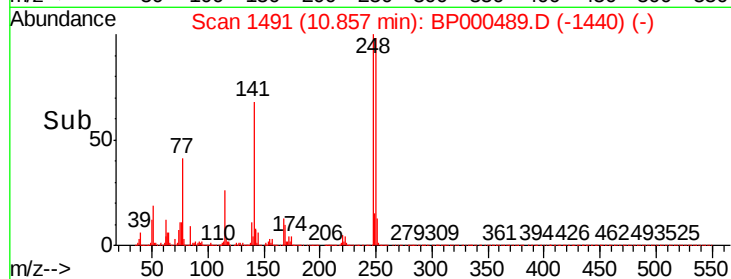
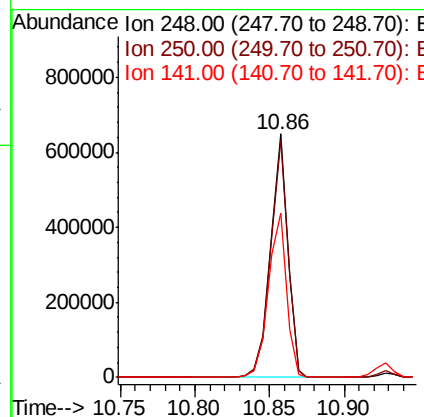
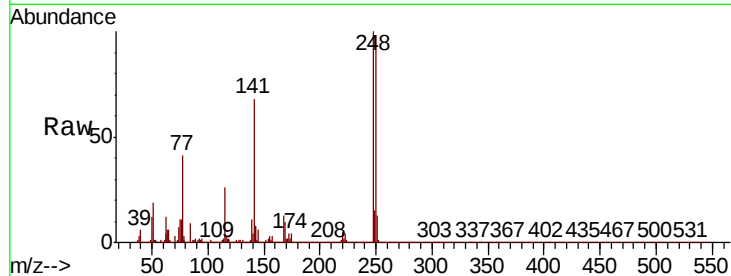




#67
4-Bromophenyl-phenylether
Concen: 41.754 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

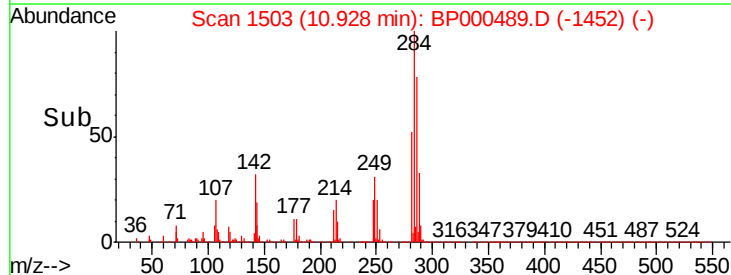
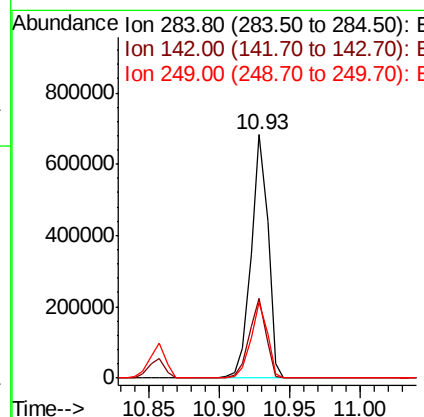
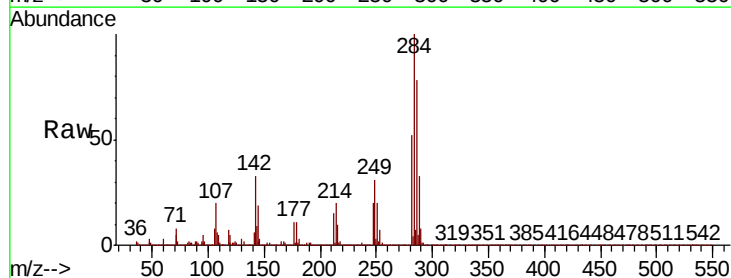
Instrument :
BNA_P
ClientSampled :

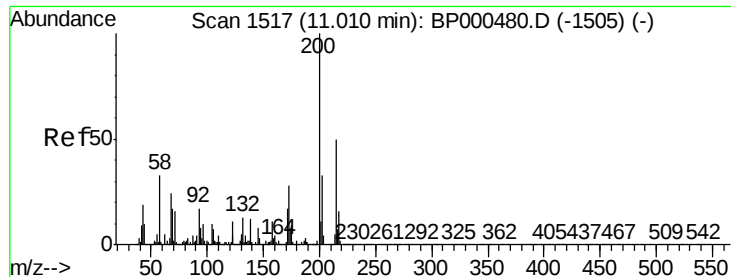
Tot Ion:248 Resp: 517128
Ion Ratio Lower Upper
248 100
250 97.7 77.2 115.8
141 67.6 45.3 67.9



#68
Hexachlorobenzene
Concen: 40.552 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:284 Resp: 570734
Ion Ratio Lower Upper
284 100
142 32.8 24.6 37.0
249 31.3 24.1 36.1





#69

Atrazine

Concen: 41.528 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

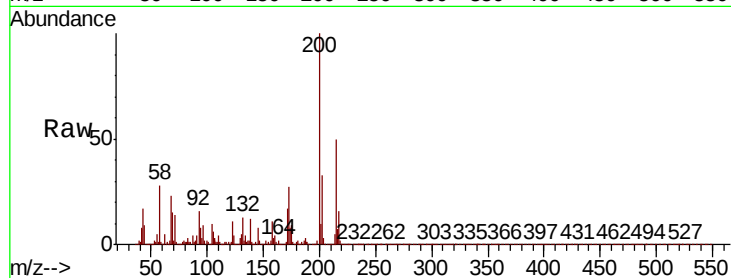
Instrument :

BNA_P

ClientSampleId :

Tot Ion:200 Resp: 436705

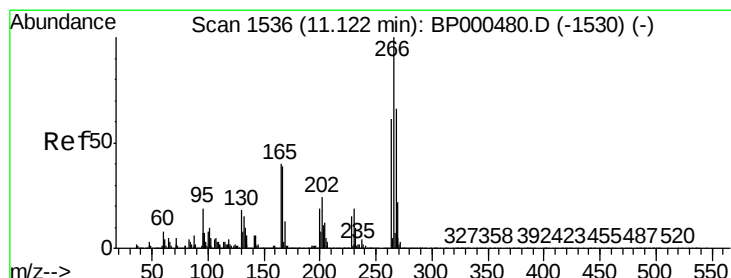
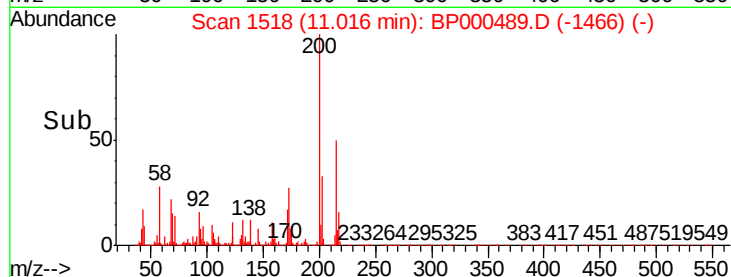
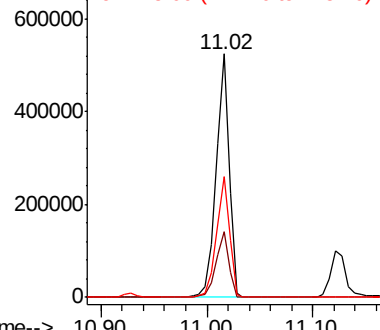
Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	49.7	29.5	69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.925 ng

RT: 11.13 min Scan# 1537

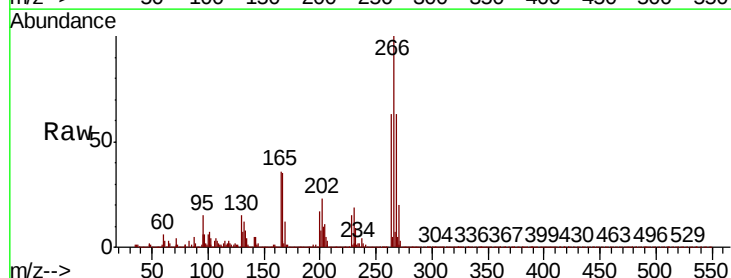
Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:266 Resp: 559203

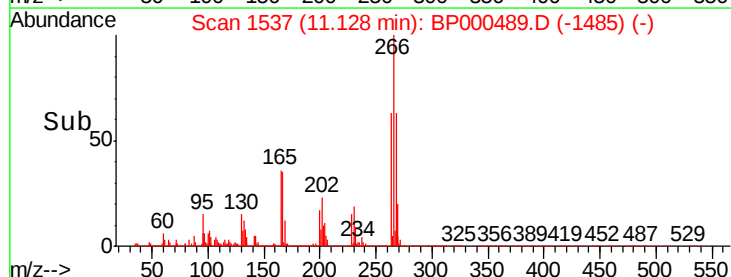
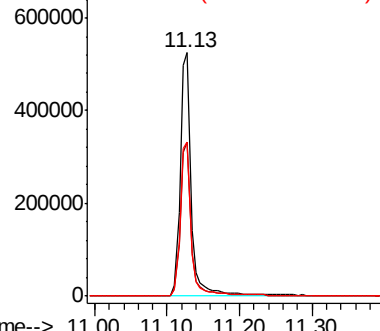
Ion	Ratio	Lower	Upper
266	100		
268	63.5	53.2	79.8
264	63.3	49.0	73.4

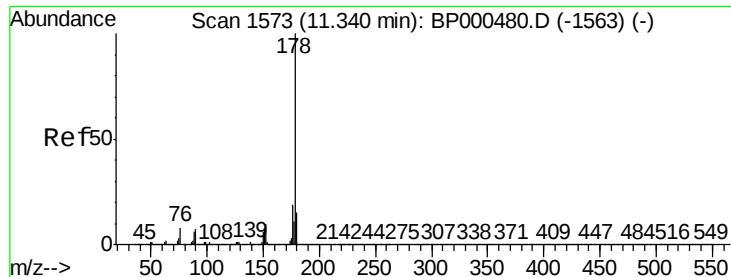


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.503 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

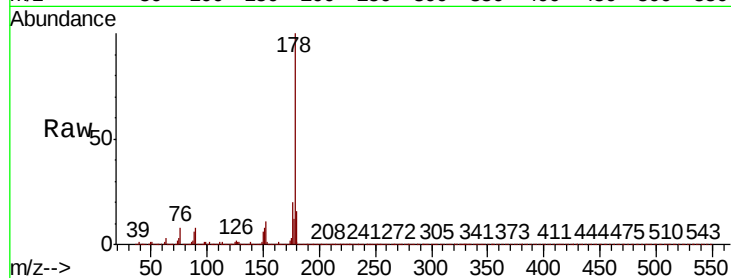
Tot Ion:178 Resp: 2293290

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

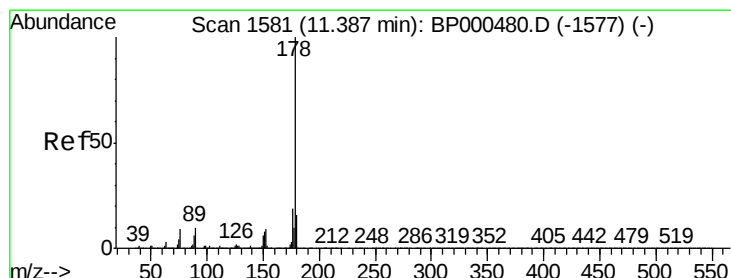
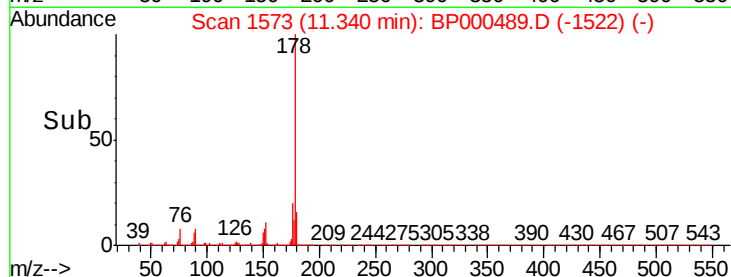
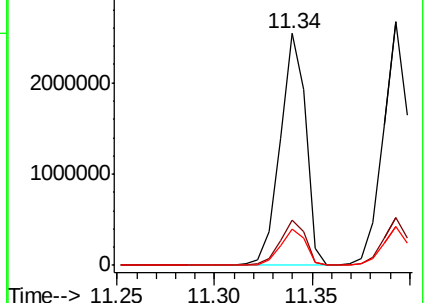
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.217 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

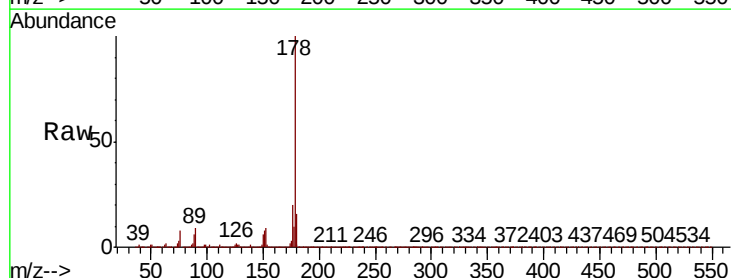
Tgt Ion:178 Resp: 2313017

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

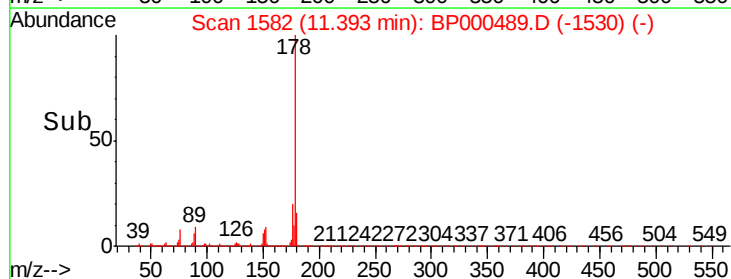
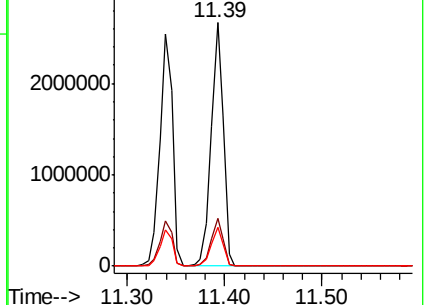
179 16.0 12.6 19.0

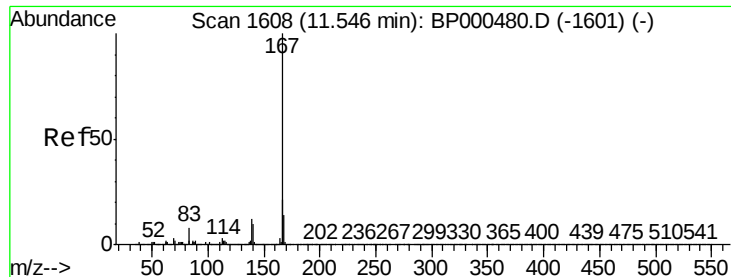


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

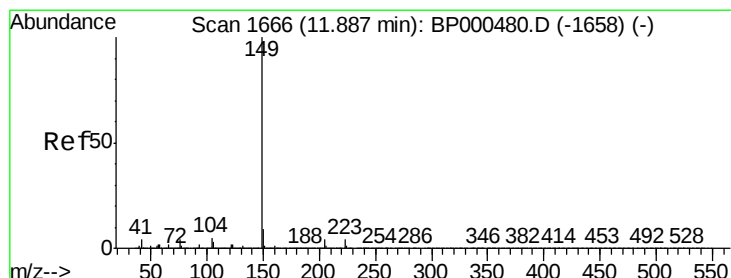
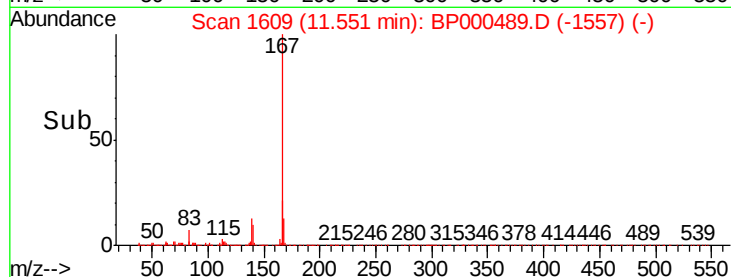
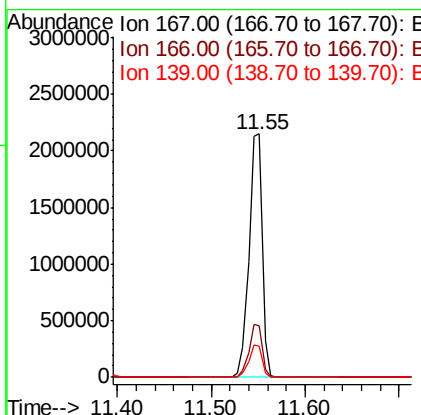
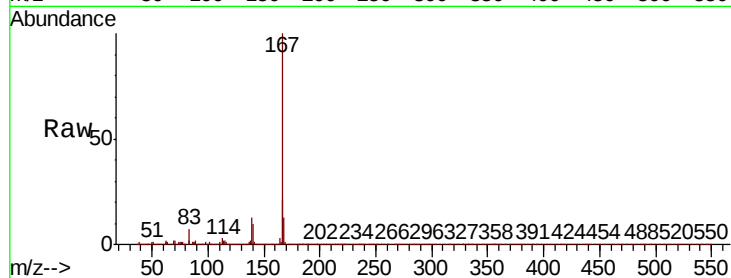




#73
 Carbazole
 Concen: 41.492 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

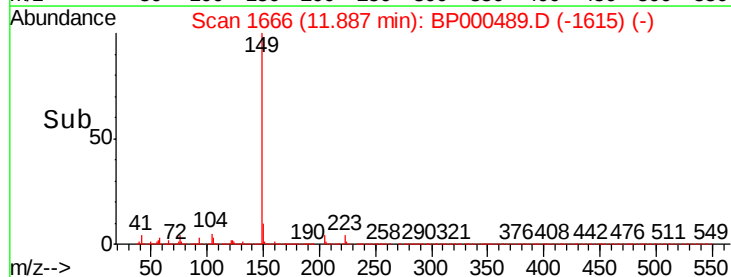
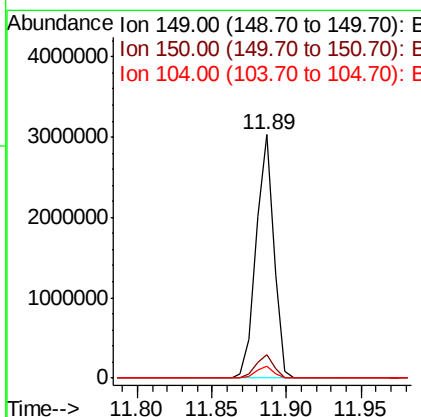
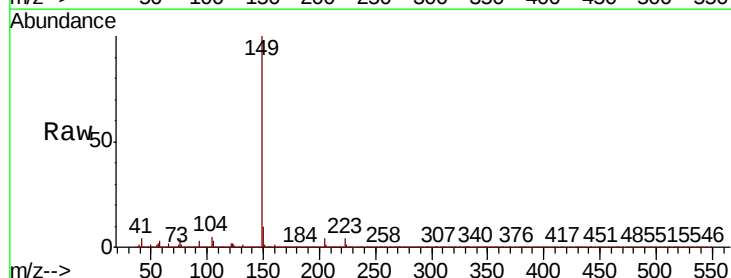
Instrument :
 BNA_P
 ClientSampled :

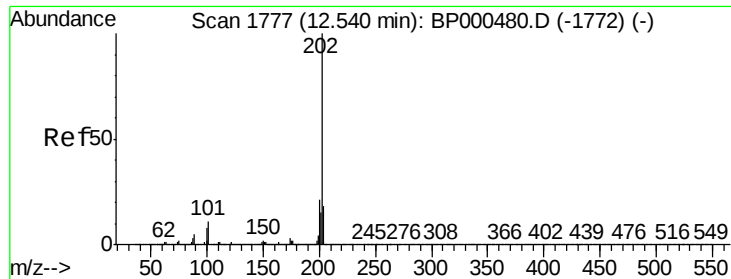
Tot Ion:167 Resp: 2107319
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.776 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion:149 Resp: 2460930
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 39.245 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

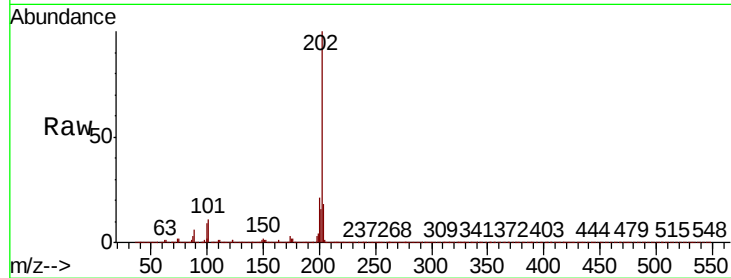
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2435496

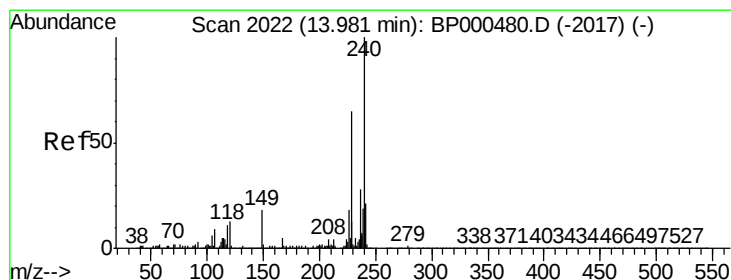
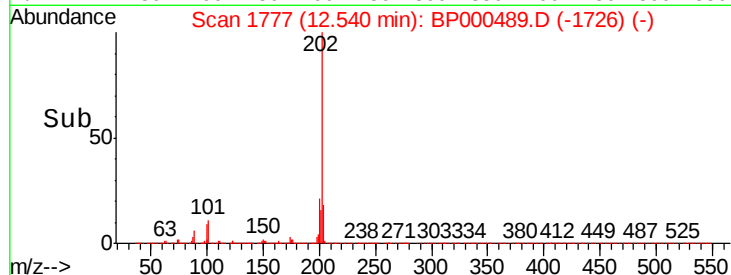
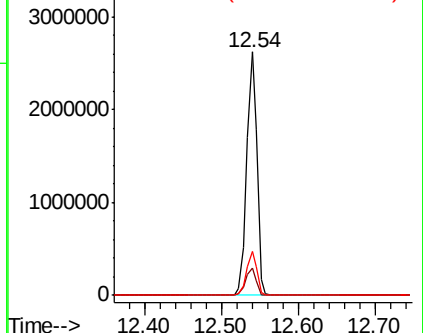
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	17.9	0.0	38.1



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

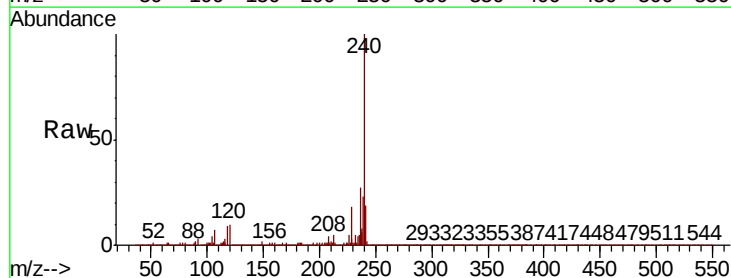
Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:240 Resp: 781021

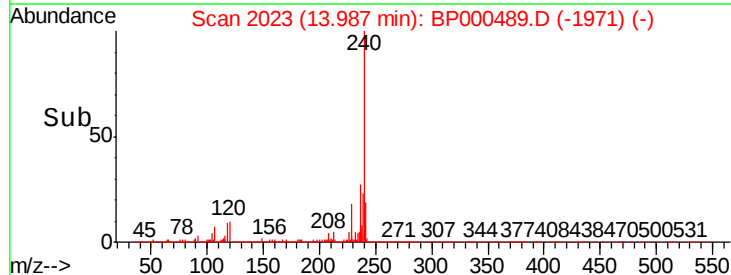
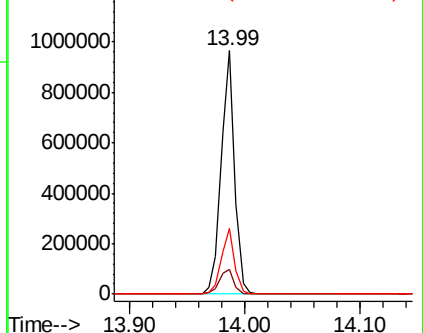
Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.1	15.1
236	26.8	22.7	34.1

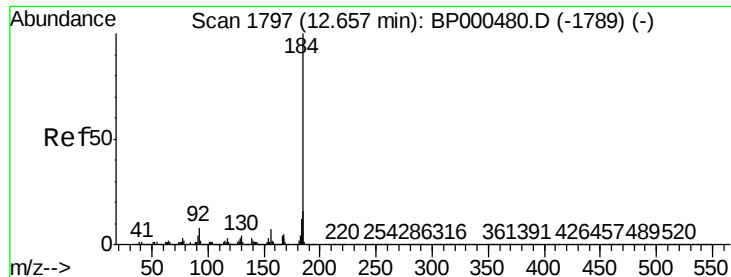


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.449 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

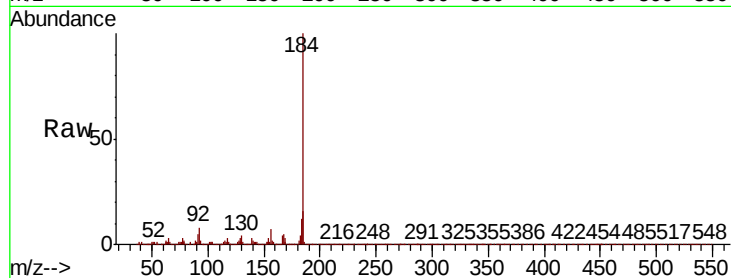
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 733878

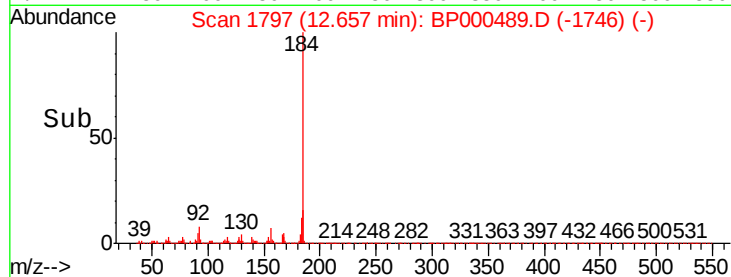
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.7	19.1
183	12.1	9.7	14.5



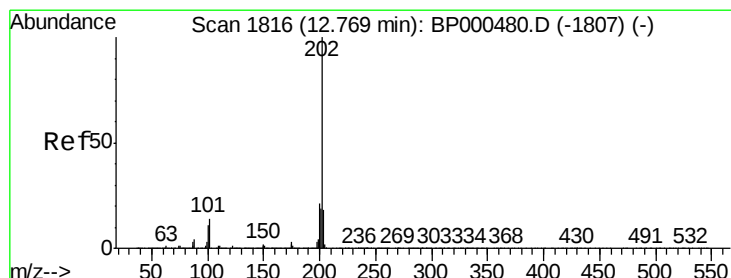
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 45.807 ng

RT: 12.77 min Scan# 1816

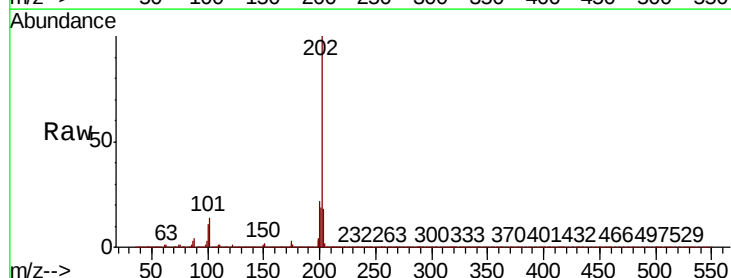
Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:202 Resp: 2467481

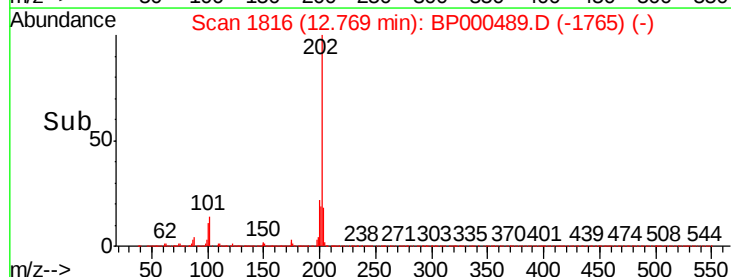
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.1	14.6	21.8



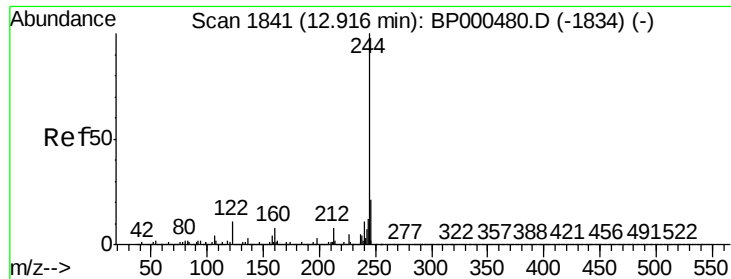
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



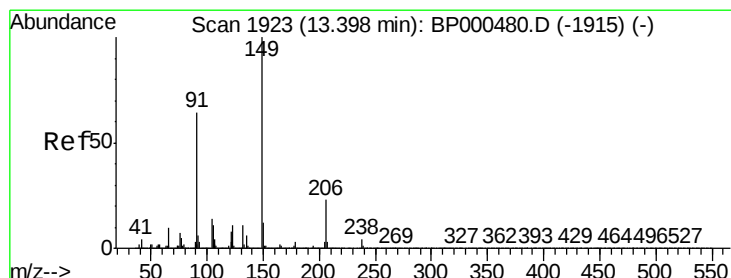
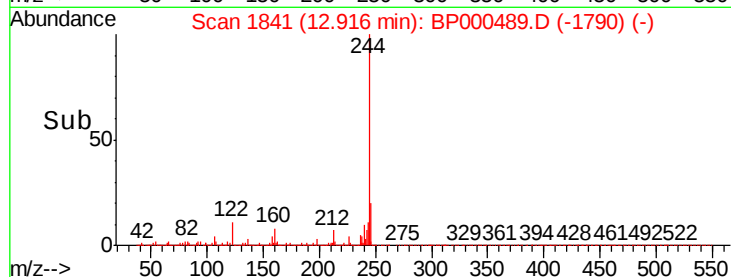
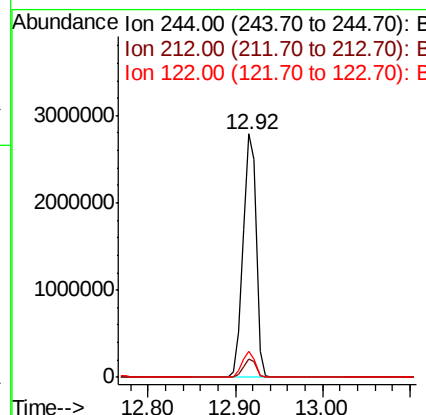
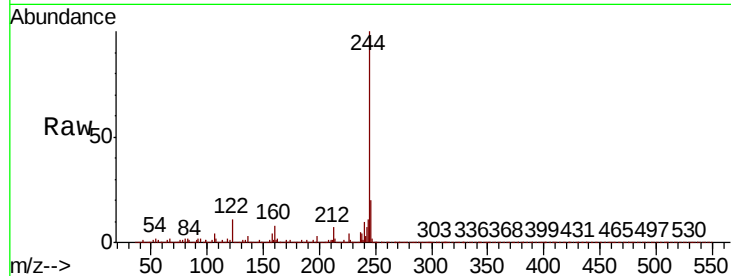
Time-->



#79
 Terphenyl-d14
 Concen: 72.339 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

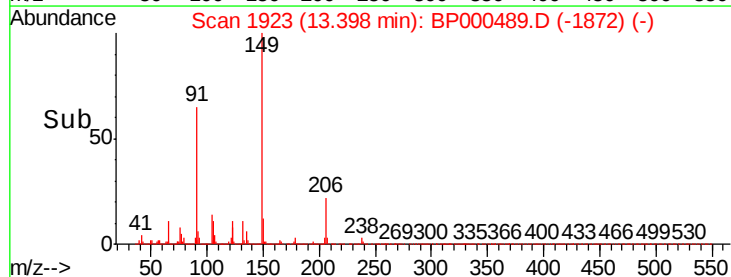
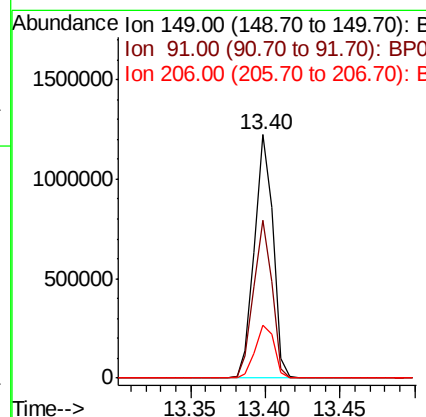
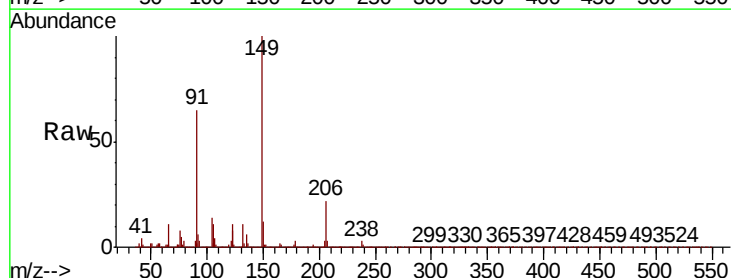
Instrument :
 BNA_P
 ClientSampleId :

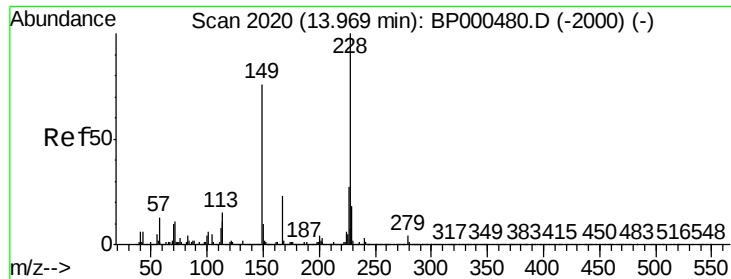
Tot Ion:244 Resp: 2790399
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.7 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 44.702 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion:149 Resp: 1049291
 Ion Ratio Lower Upper
 149 100
 91 65.0 51.0 76.4
 206 22.0 18.2 27.4





#81

Benzo(a)anthracene

Concen: 41.865 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

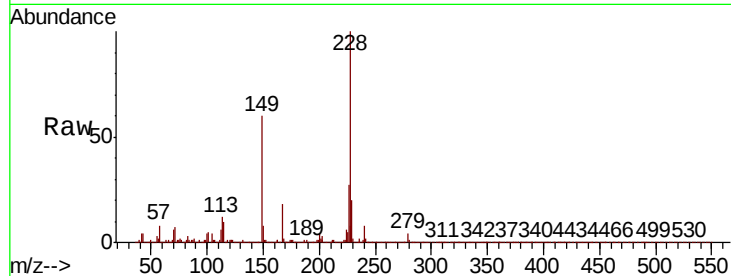
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1995007

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.2
229	19.7	14.7	22.1

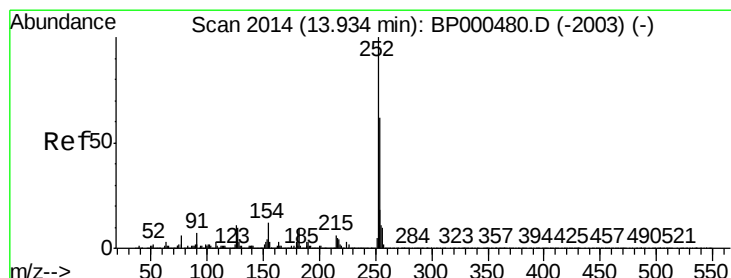
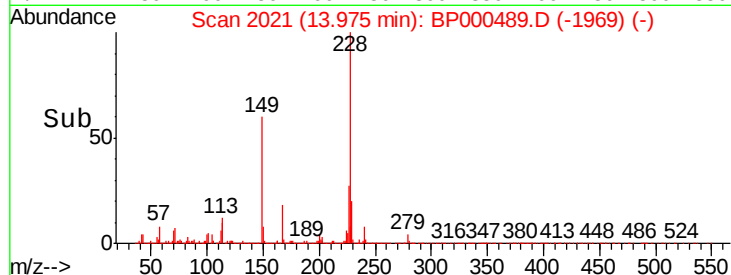
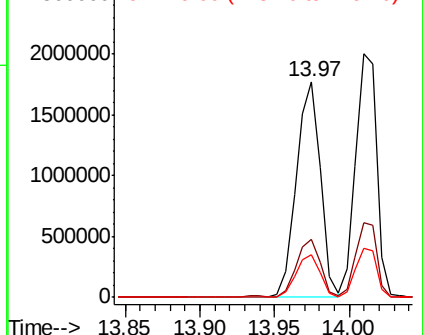


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.016 ng

RT: 13.93 min Scan# 2014

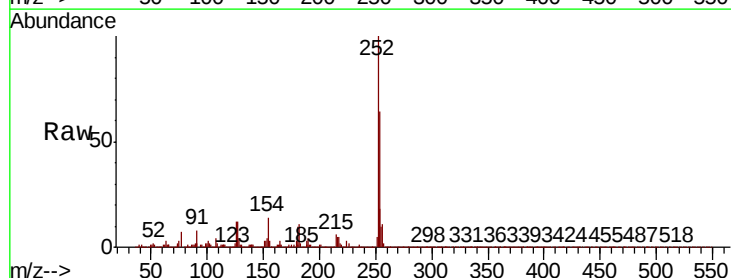
Delta R.T. -0.00 min

Lab File: BP000489.D

Acq: 01 Oct 2019 19:26

Tgt Ion:252 Resp: 776371

Ion	Ratio	Lower	Upper
252	100		
254	63.5	49.8	74.8
126	11.9	8.9	13.3

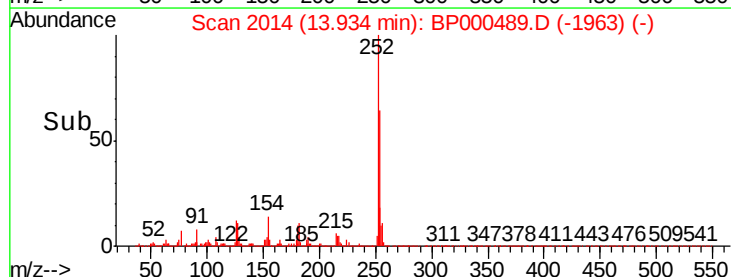
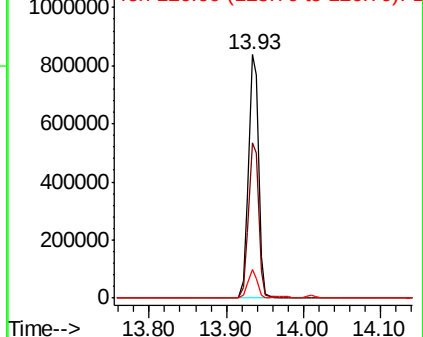


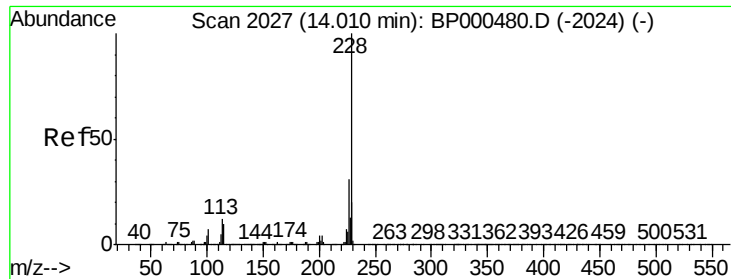
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



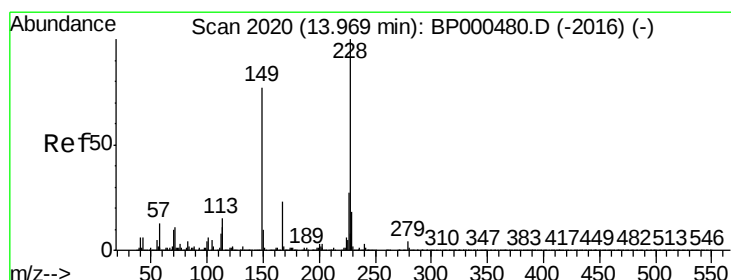
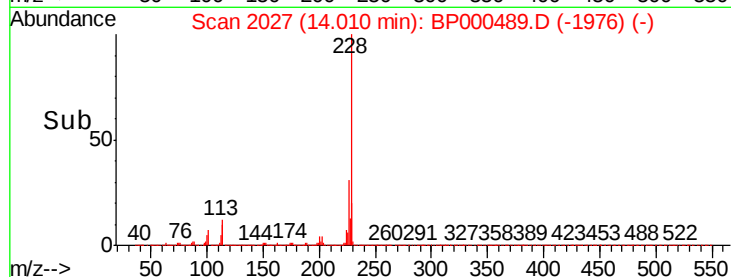
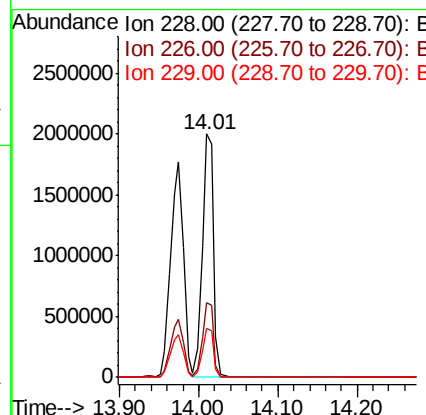
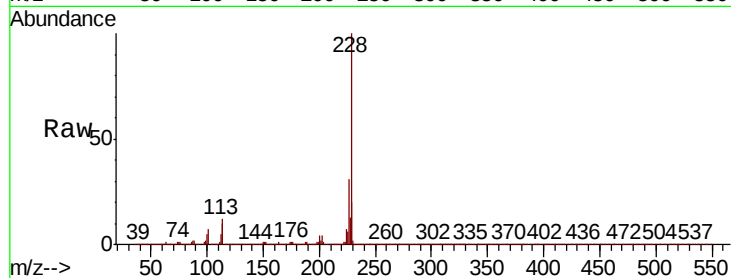


#83
 Chrysene
 Concen: 42.654 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1995003

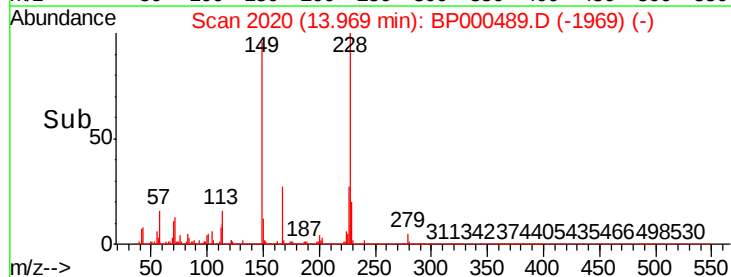
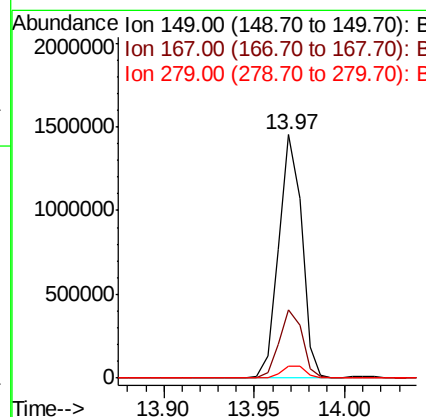
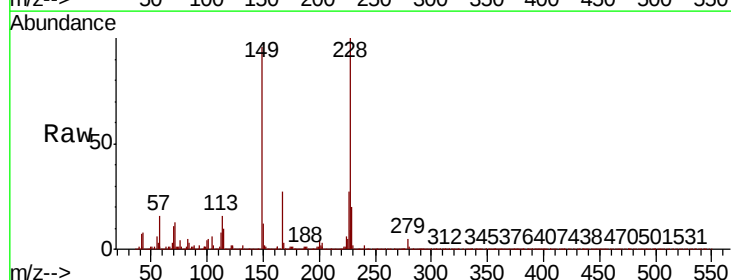
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.1	16.3	24.5

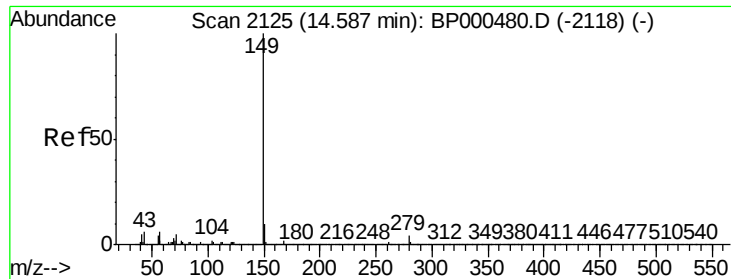


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.586 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BP000489.D
 Acq: 01 Oct 2019 19:26

Tgt Ion:149 Resp: 1286721

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.6	35.4
279	4.9	3.9	5.9

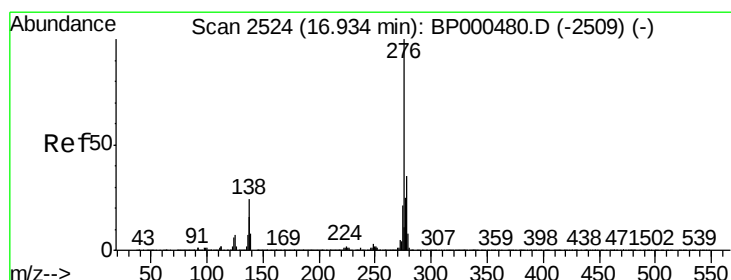
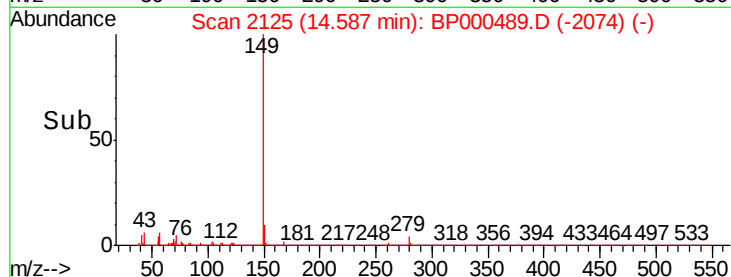
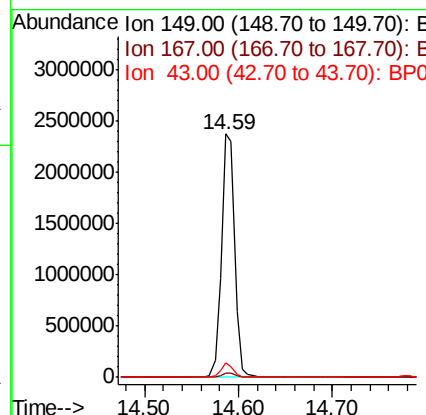
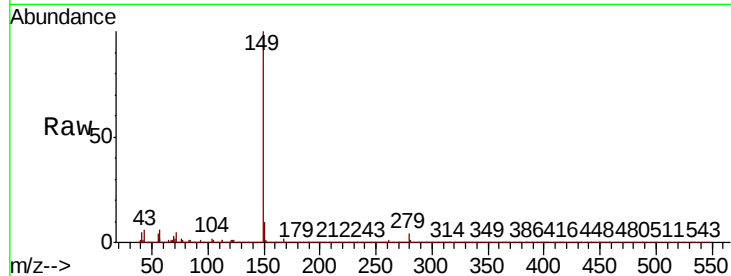




#85
Di-n-octyl phthalate
Concen: 43.641 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

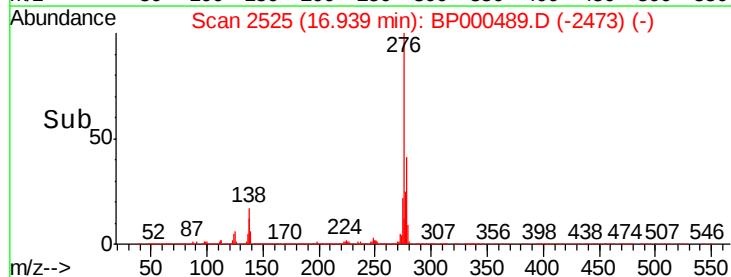
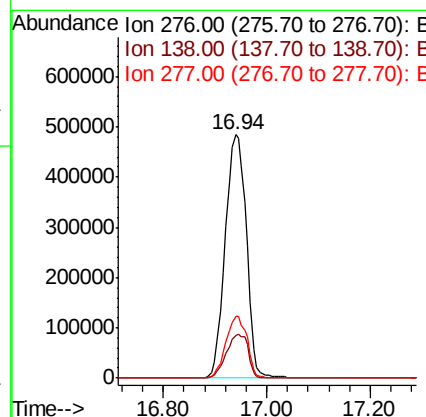
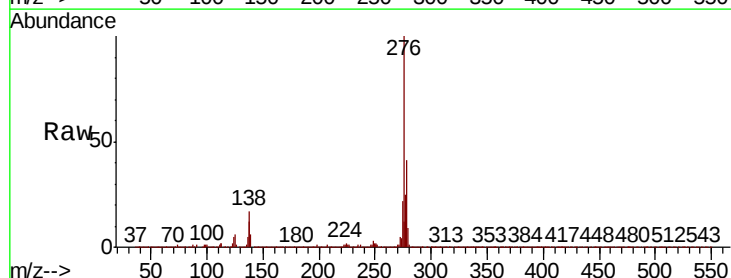
Instrument :
BNA_P
ClientSampled :

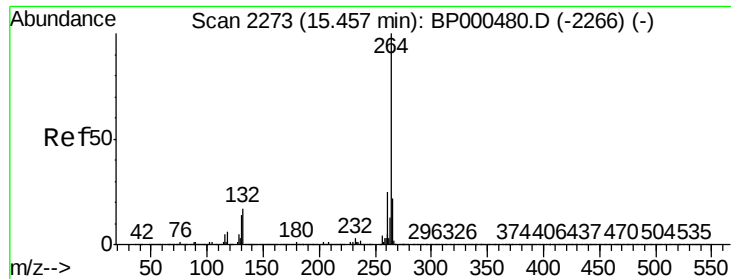
Tot Ion:149 Resp: 2335159
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.6 4.6 7.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 23.585 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:276 Resp: 1377946
Ion Ratio Lower Upper
276 100
138 18.7 20.9 31.3#
277 25.7 20.6 30.8

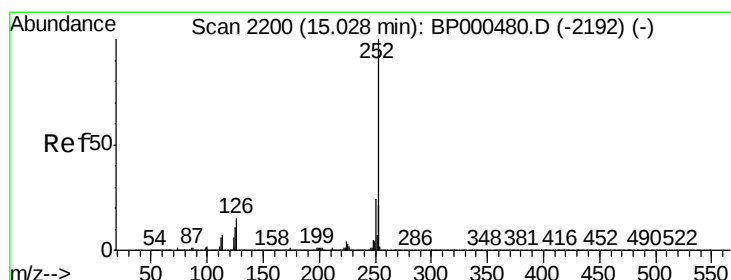
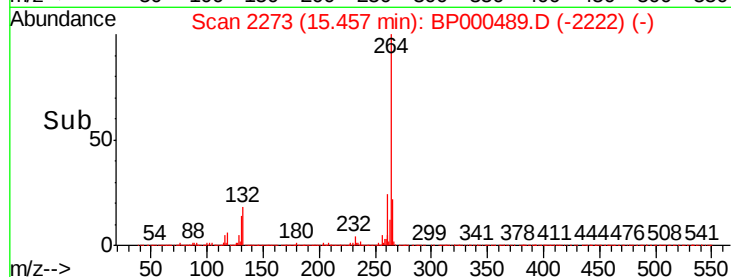
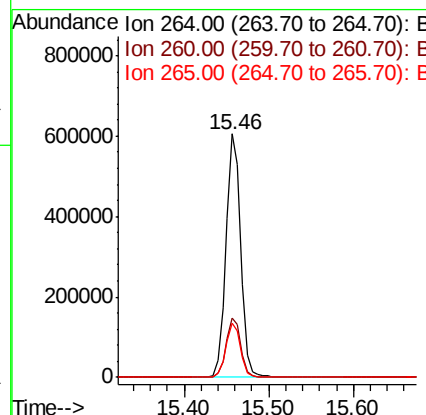
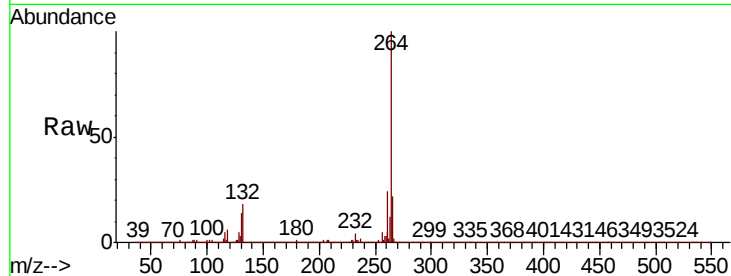




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

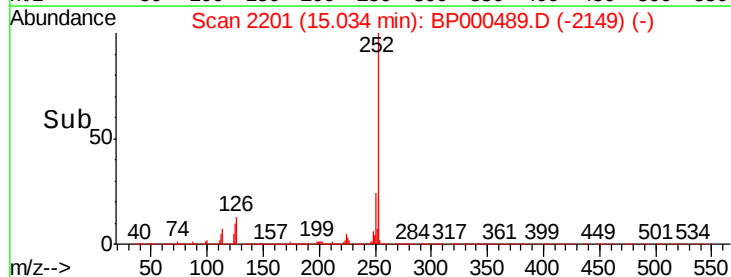
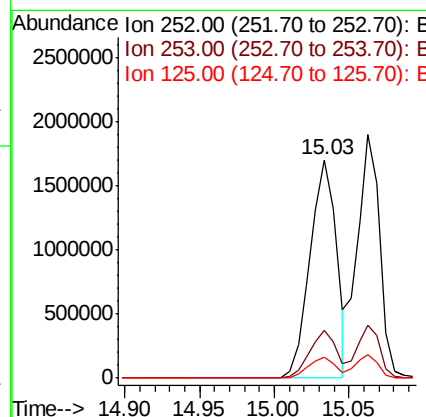
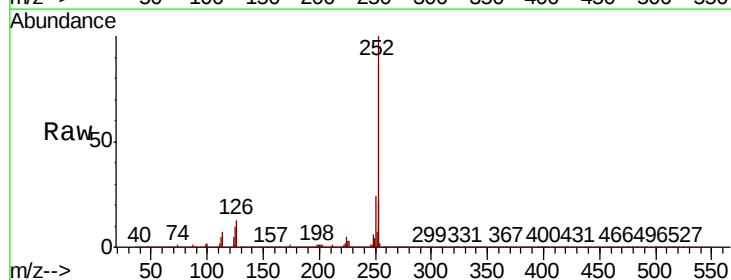
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.1	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 50.217 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.7	8.9	13.3

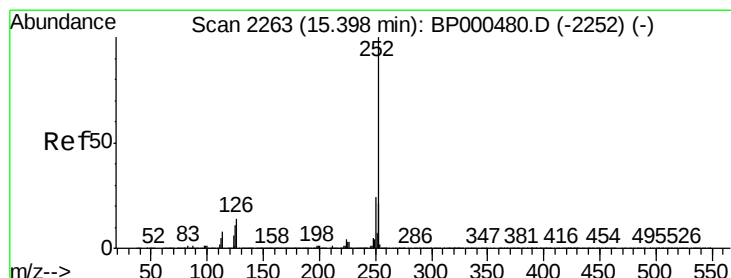
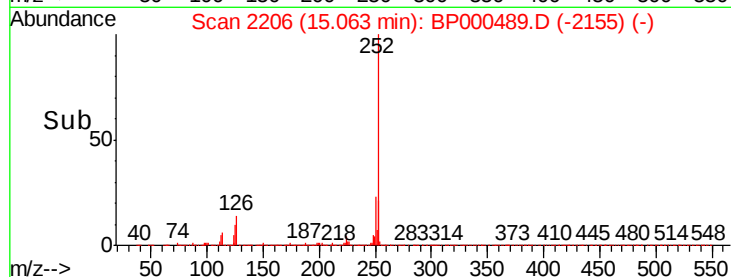
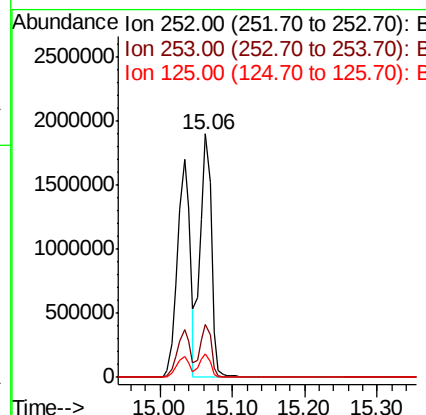
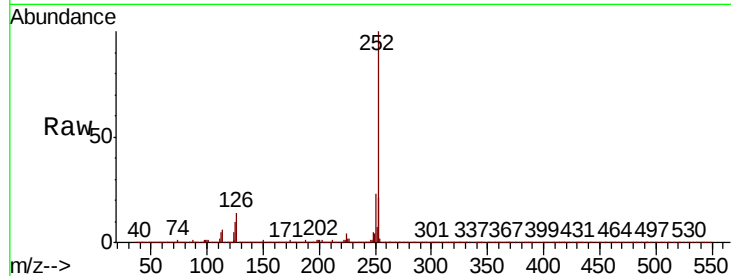




#89
Benzo(k)fluoranthene
Concen: 51.523 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

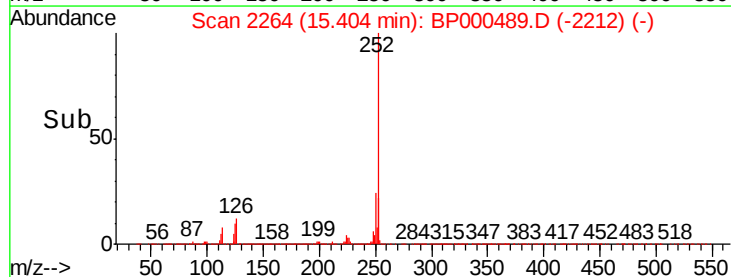
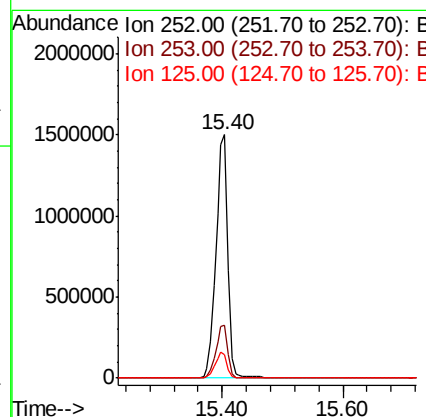
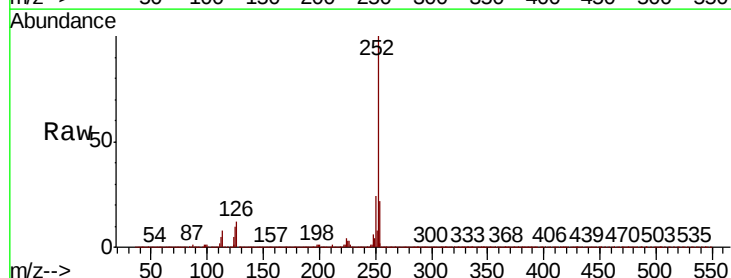
Instrument :
BNA_P
ClientSampleId :

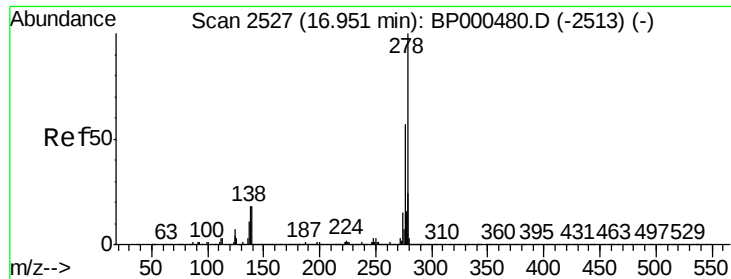
Tot Ion:252 Resp: 2041675
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 9.6 7.8 11.8



#90
Benzo(a)pyrene
Concen: 51.941 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:252 Resp: 2015337
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.5 8.4 12.6



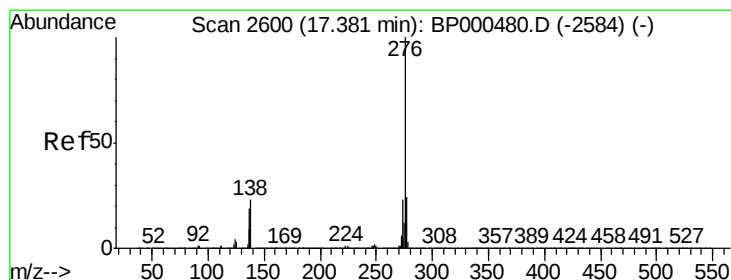
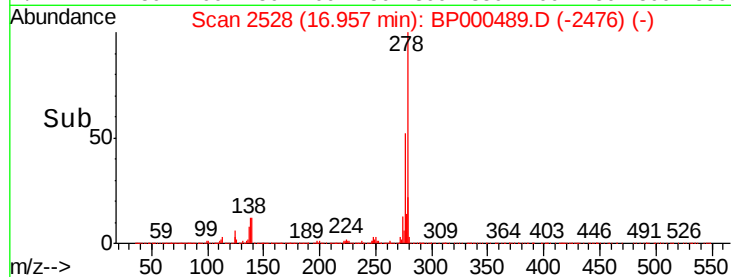
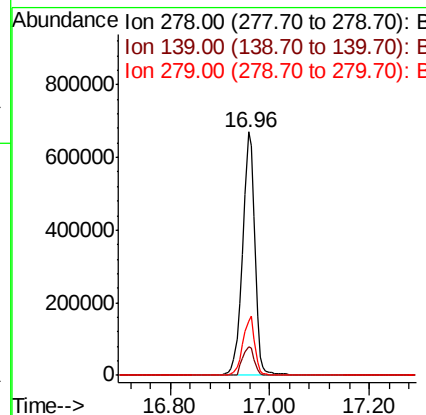
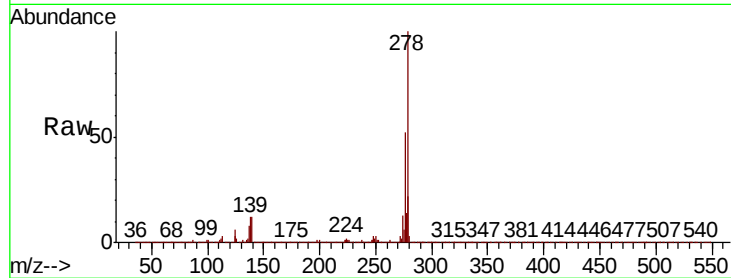


#91
Dibenzo(a,h)anthracene
Concen: 30.621 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1152308

Ion	Ratio	Lower	Upper
278	100		
139	11.9	14.1	21.1#
279	22.5	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 29.669 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.01 min
Lab File: BP000489.D
Acq: 01 Oct 2019 19:26

Tgt Ion:276 Resp: 1134496

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.2
138	16.2	18.5	27.7#

