

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100119\
 Data File : BP000488.D
 Acq On : 01 Oct 2019 19:01
 Operator : JU
 Sample : PB123382BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 02 07:07:51 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	288102	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1109049	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	609807	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1049150	20.00	ng	0.00
76) Chrysene-d12	13.99	240	456279	20.00	ng	0.00
87) Perylene-d12	15.46	264	437301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1822813	101.70	ng	0.01
7) Phenol-d6	6.42	99	2214436	102.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	1230250	67.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	691419	106.40	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2557365	67.85	ng	0.00
79) Terphenyl-d14	12.92	244	1726827	76.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	257599	35.991	ng	100
3) Pyridine	3.29	79	634484	32.446	ng	99
4) n-Nitrosodimethylamine	3.23	42	229545	41.714	ng	99
6) Aniline	6.43	93	815632	31.085	ng	# 61
8) 2-Chlorophenol	6.56	128	787333	44.511	ng	97
9) Benzaldehyde	6.32	77	377366	33.543	ng	98
10) Phenol	6.43	94	918775	41.548	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	748321	43.985	ng	97
12) 1,3-Dichlorobenzene	6.72	146	863164	40.256	ng	98
13) 1,4-Dichlorobenzene	6.79	146	880877	40.826	ng	99
14) 1,2-Dichlorobenzene	6.95	146	813154	40.820	ng	100
15) Benzyl Alcohol	6.92	79	621369	44.548	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	654108	41.681	ng	98
17) 2-Methylphenol	7.03	107	650146	44.474	ng	96
18) Hexachloroethane	7.29	117	318269	41.446	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	425928	42.784	ng	99
20) 3+4-Methylphenols	7.19	107	760321	44.449	ng	# 78
22) Acetophenone	7.18	105	1044721	40.768	ng	# 99
24) Nitrobenzene	7.35	77	748545	42.741	ng	98
25) Isophorone	7.59	82	1409833	43.746	ng	98
26) 2-Nitrophenol	7.67	139	428879	46.566	ng	97
27) 2,4-Dimethylphenol	7.72	122	699513	49.548	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	931170	42.516	ng	100
29) 2,4-Dichlorophenol	7.92	162	710902	44.535	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	772890	41.226	ng	99
31) Naphthalene	8.08	128	2210810	42.683	ng	99
32) Benzoic acid	7.85	122	428754	48.096	ng	98
33) 4-Chloroaniline	8.12	127	625625	27.509	ng	99
34) Hexachlorobutadiene	8.20	225	462028	40.780	ng	99
35) Caprolactam	8.49	113	122007	22.819	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	709080	45.354	ng	99
37) 2-Methylnaphthalene	8.77	142	1528615	43.962	ng	99
38) 1-Methylnaphthalene	8.87	142	1411352	42.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	768584	39.820	ng	99

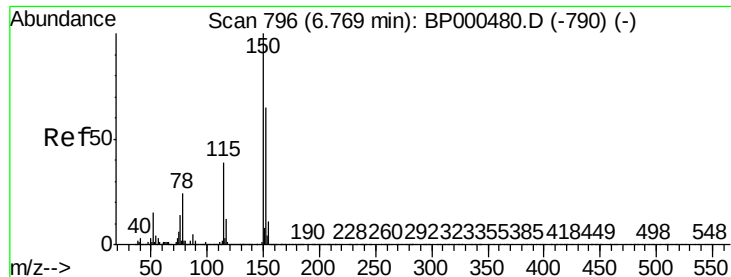
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100119\
 Data File : BP000488.D
 Acq On : 01 Oct 2019 19:01
 Operator : JU
 Sample : PB123382BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 02 07:07:51 2019
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 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)
41) Hexachlorocyclopentadiene	8.93	237	693811	88.910	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	512125	43.103	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	547266	44.612	ng	99
46) 1,1'-Biphenyl	9.24	154	1844682	40.076	ng	98
47) 2-Chloronaphthalene	9.26	162	1459649	41.009	ng	99
48) 2-Nitroaniline	9.36	65	354389	41.126	ng	94
49) Acenaphthylene	9.68	152	2274590	42.358	ng	99
50) Dimethylphthalate	9.55	163	1734597	40.937	ng	100
51) 2,6-Dinitrotoluene	9.60	165	402204	43.528	ng	95
52) Acenaphthene	9.85	154	1311407	40.259	ng	99
53) 3-Nitroaniline	9.77	138	295448	27.905	ng	96
54) 2,4-Dinitrophenol	9.88	184	356759	115.706	ng	100
55) Dibenzofuran	10.03	168	2028410	41.657	ng	98
56) 4-Nitrophenol	9.95	139	580115	85.821	ng	97
57) 2,4-Dinitrotoluene	10.01	165	517136	42.210	ng	96
58) Fluorene	10.37	166	1475001	42.502	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	468437	45.172	ng	98
60) Diethylphthalate	10.25	149	1641854	40.819	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	785117	42.071	ng	95
62) 4-Nitroaniline	10.39	138	397803	39.066	ng	97
63) Azobenzene	10.53	77	1360723	44.063	ng	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	256992	55.257	ng	84
66) n-Nitrosodiphenylamine	10.49	169	1374639	44.987	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	509061	43.104	ng	96
68) Hexachlorobenzene	10.93	284	556730	41.483	ng	98
69) Atrazine	11.02	200	429145	42.796	ng	97
70) Pentachlorophenol	11.13	266	543658	100.858	ng	96
71) Phenanthrene	11.34	178	2181517	41.402	ng	99
72) Anthracene	11.39	178	2162256	41.387	ng	99
73) Carbazole	11.55	167	1988674	41.063	ng	97
74) Di-n-butylphthalate	11.89	149	2352400	39.874	ng	99
75) Fluoranthene	12.54	202	2135948	36.094	ng	99
77) Benzidine	12.66	184	369111	27.936	ng	100
78) Pyrene	12.77	202	1371162	43.571	ng	100
80) Butylbenzylphthalate	13.40	149	565898	41.267	ng	97
81) Benzo(a)anthracene	13.97	228	1201512	43.158	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	440844	39.866	ng	99
83) Chrysene	14.02	228	1176112	43.043	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	767215	44.485	ng	96
85) Di-n-octyl phthalate	14.59	149	1317852	42.157	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1389436	40.708	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	1241382	50.037	ng	# 95
89) Benzo(k)fluoranthene	15.06	252	1227419	51.966	ng	# 97
90) Benzo(a)pyrene	15.40	252	1206598	52.173	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1147262	51.148	ng	# 93
92) Benzo(g,h,i)perylene	17.39	276	1143751	50.182	ng	# 90

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

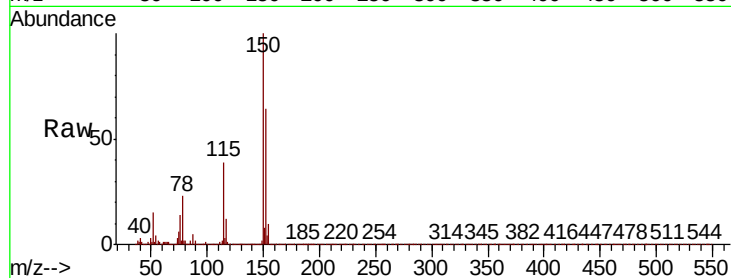


#1

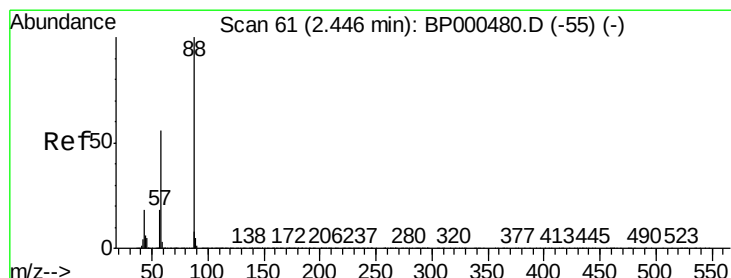
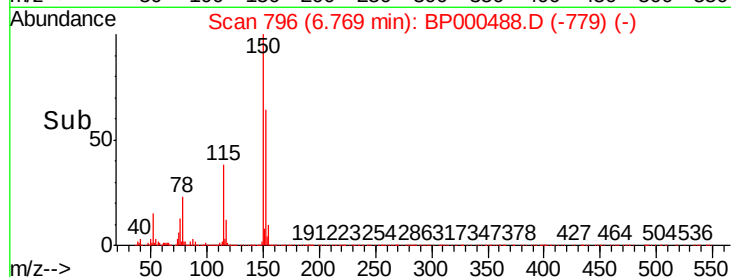
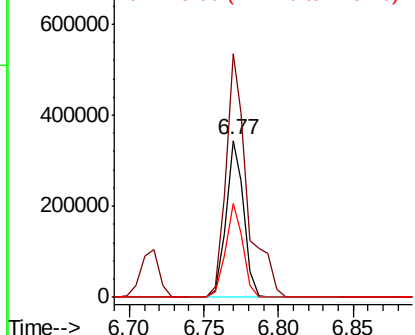
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.1	186.1
115	59.8	48.7	73.1



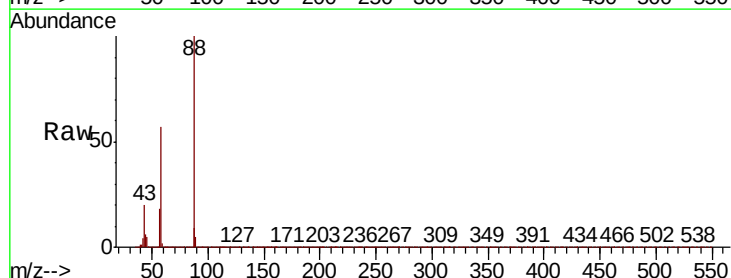
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



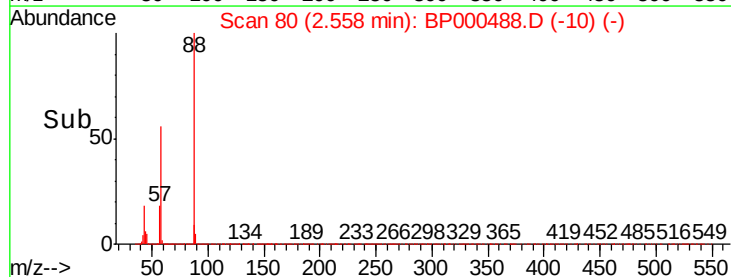
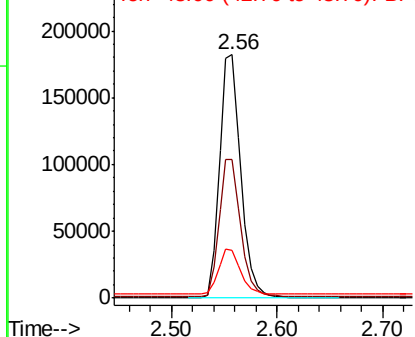
#2

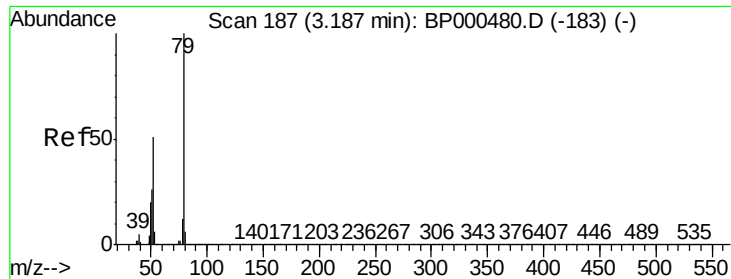
1,4-Dioxane
Concen: 35.991 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.11 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.5	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: 32.446 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.11 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

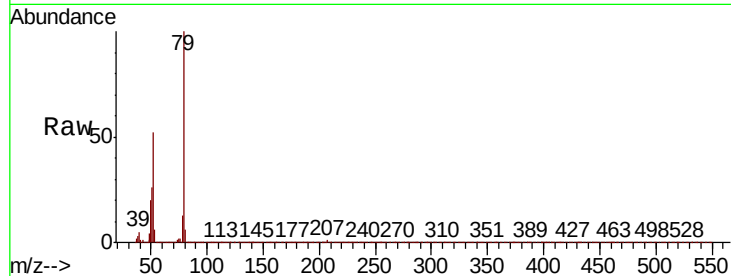
Tot Ion: 79 Resp: 634484

Ion Ratio Lower Upper

79 100

52 51.6 40.7 61.1

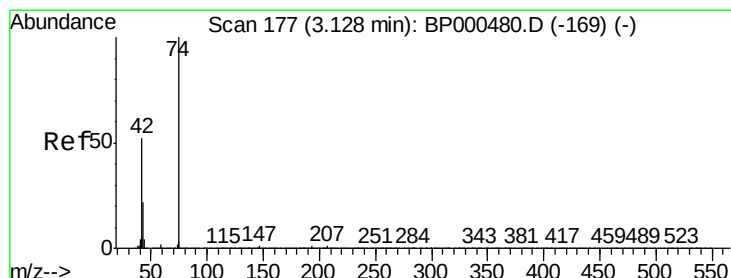
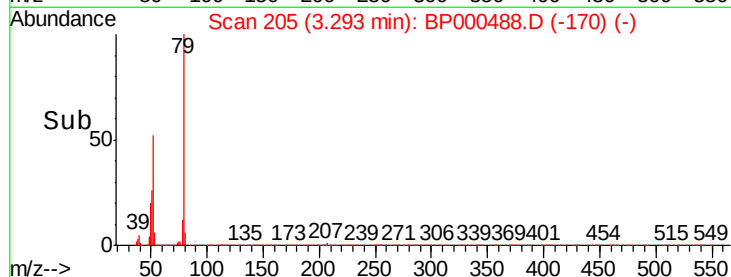
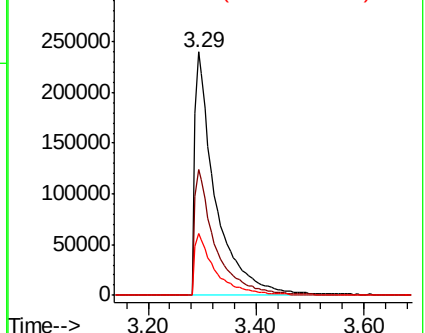
51 25.6 20.5 30.7



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 41.714 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.11 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

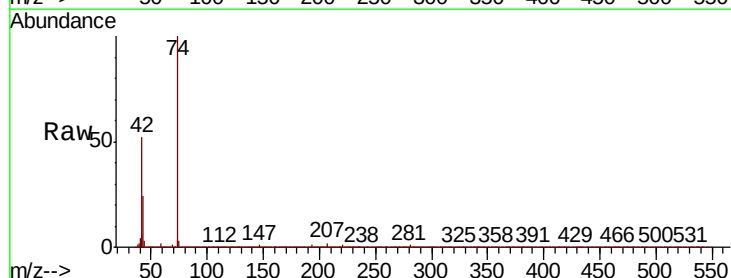
Tgt Ion: 42 Resp: 229545

Ion Ratio Lower Upper

42 100

74 191.3 152.4 228.6

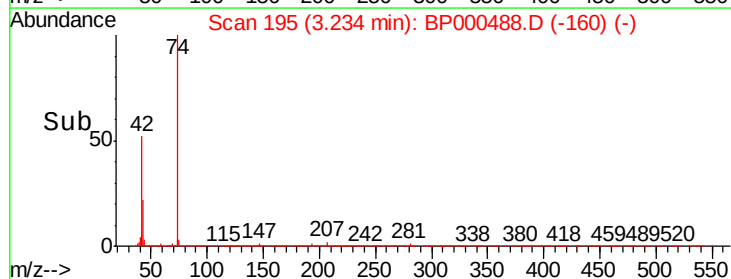
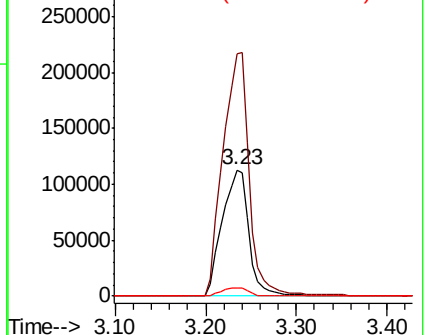
44 6.6 5.6 8.4

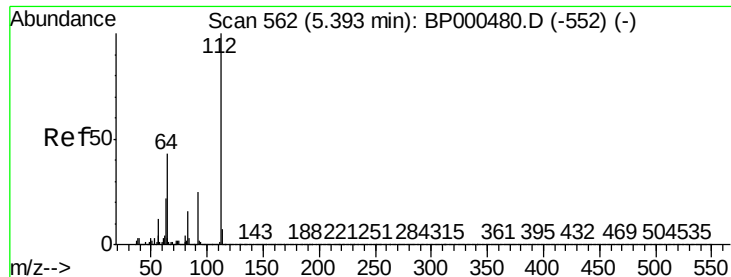


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 101.702 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampled :

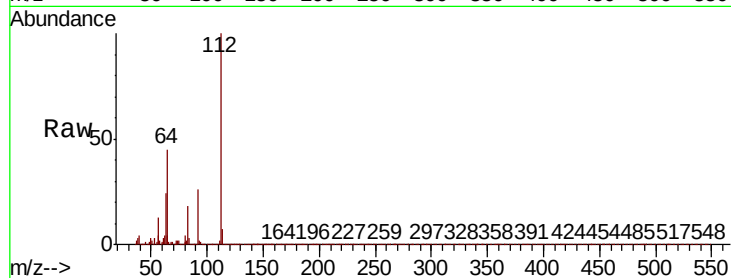
Tot Ion: 112 Resp: 1822813

Ion Ratio Lower Upper

112 100

64 44.5 34.2 51.4

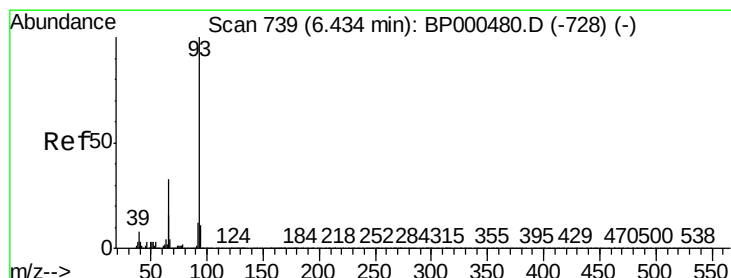
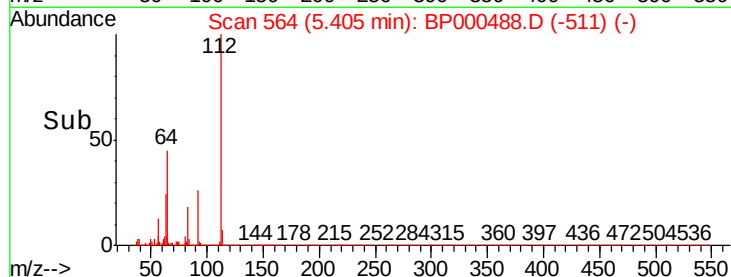
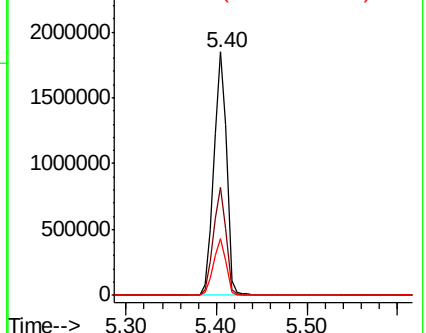
63 23.5 17.9 26.9



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: 31.085 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

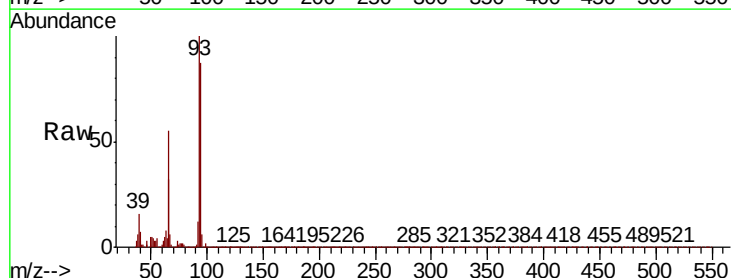
Tgt Ion: 93 Resp: 815632

Ion Ratio Lower Upper

93 100

66 55.4 26.3 39.5#

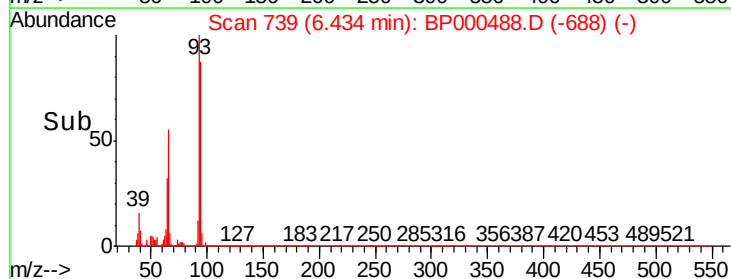
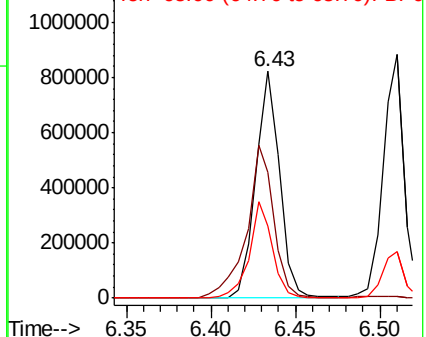
65 32.1 13.2 19.8#

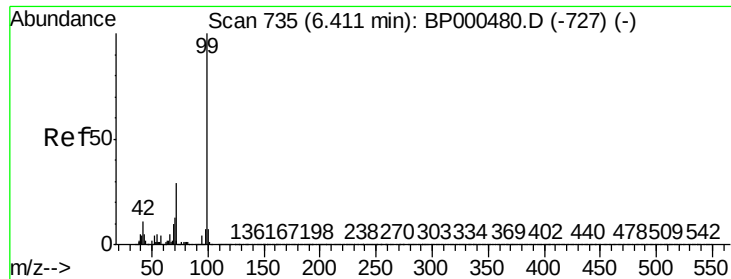


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 102.530 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

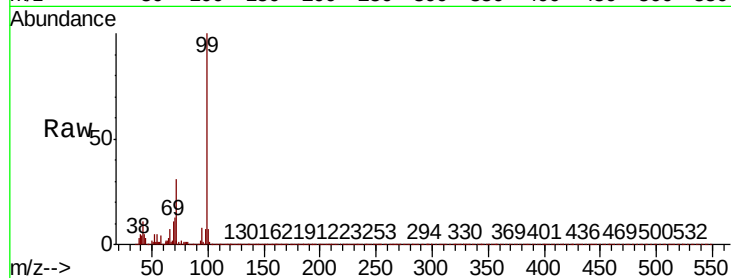
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 2214436

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.6	12.8
71	30.9	23.0	34.4

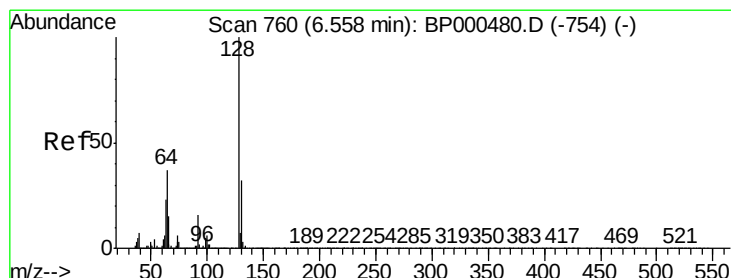
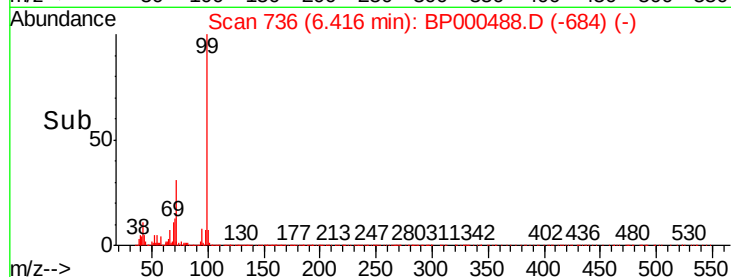
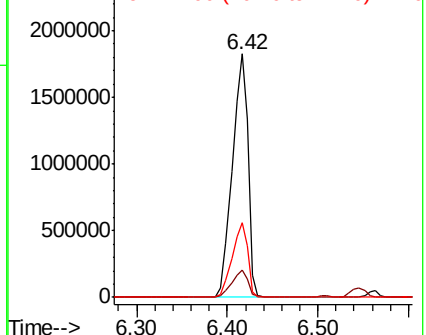


Abundance

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: 44.511 ng

RT: 6.56 min Scan# 761

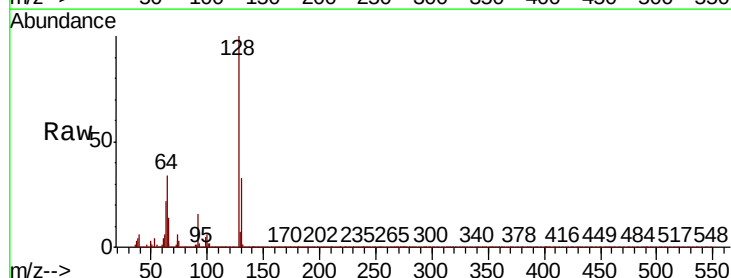
Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion: 128 Resp: 787333

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	34.3	17.2	57.2

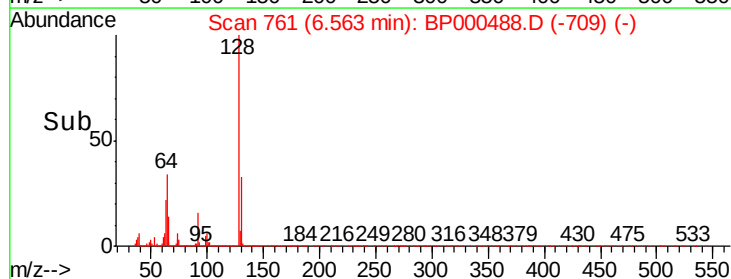
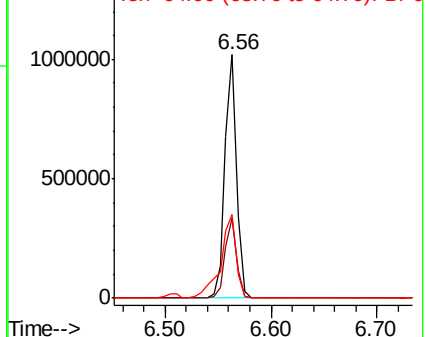


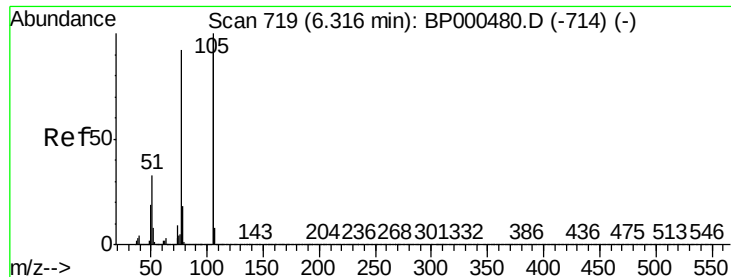
Abundance

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: 33.543 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

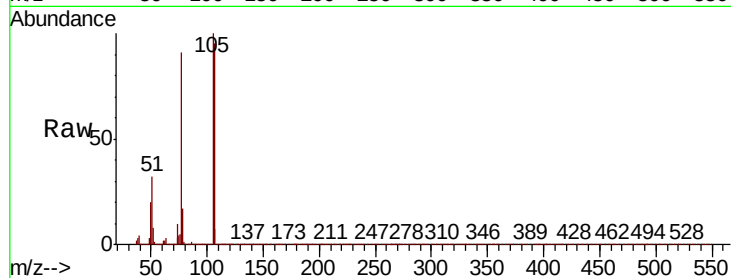
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 377366

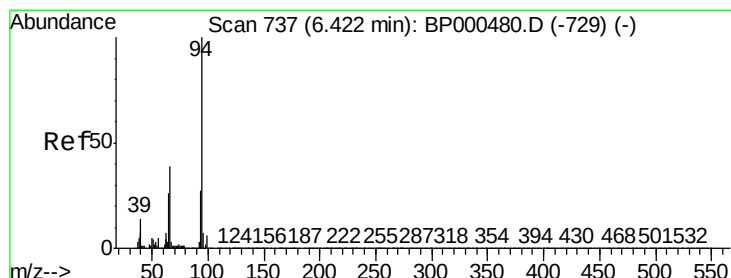
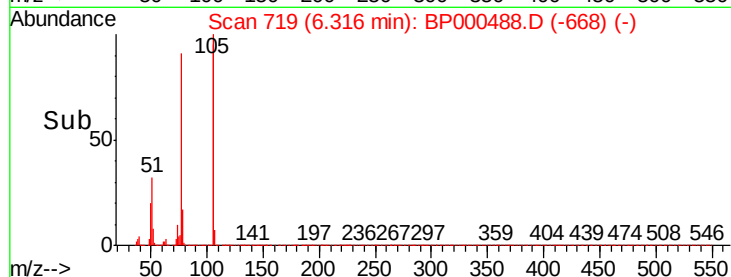
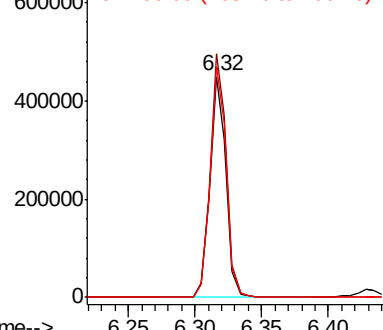
Ion	Ratio	Lower	Upper
77	100		
105	110.4	88.3	128.3
106	104.4	85.7	125.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.548 ng

RT: 6.43 min Scan# 738

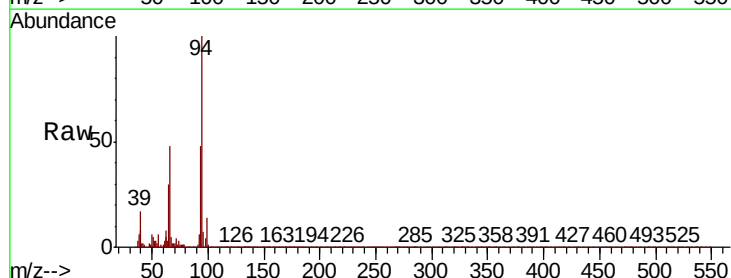
Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion: 94 Resp: 918775

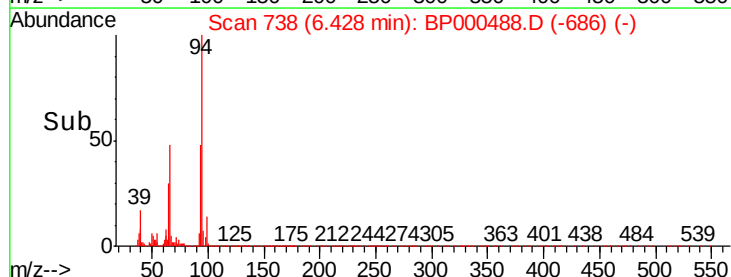
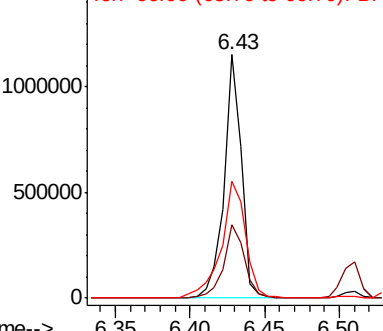
Ion	Ratio	Lower	Upper
94	100		
65	30.3	5.9	45.9
66	47.9	18.8	58.8

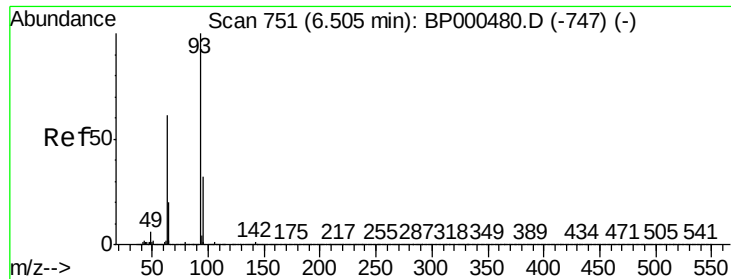


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

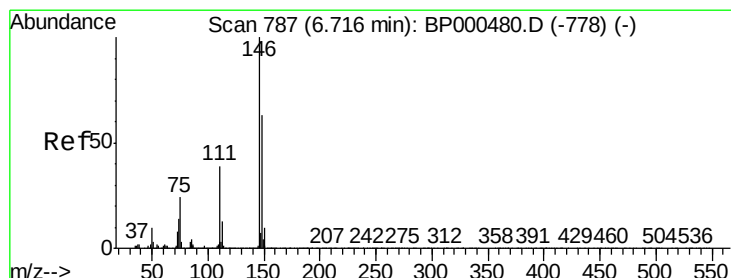
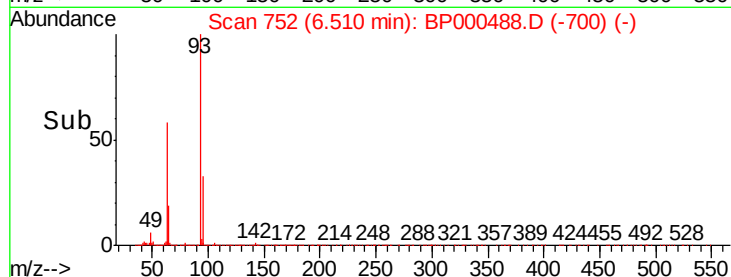
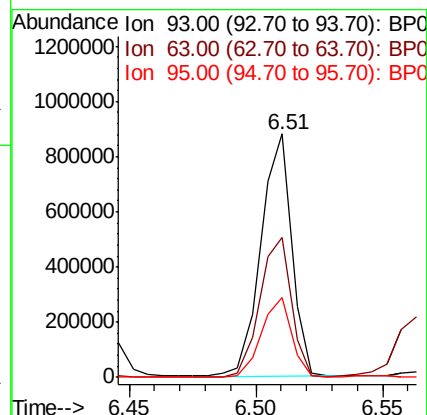
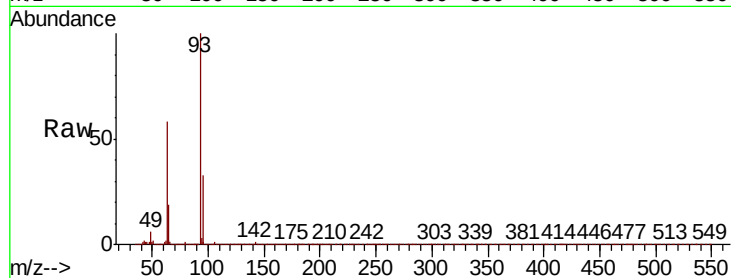




#11
bis(2-Chloroethyl)ether
Concen: 43.985 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

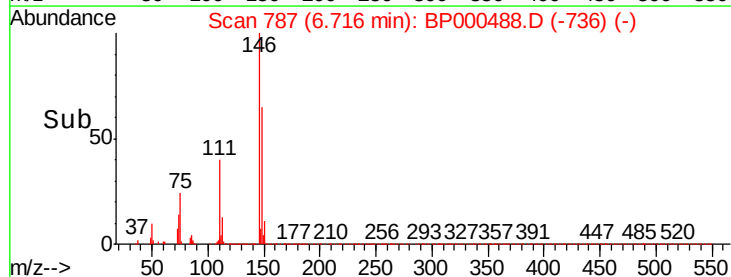
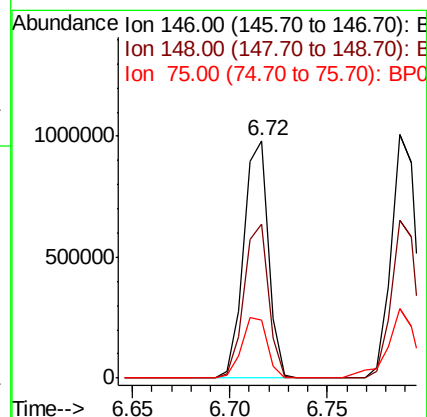
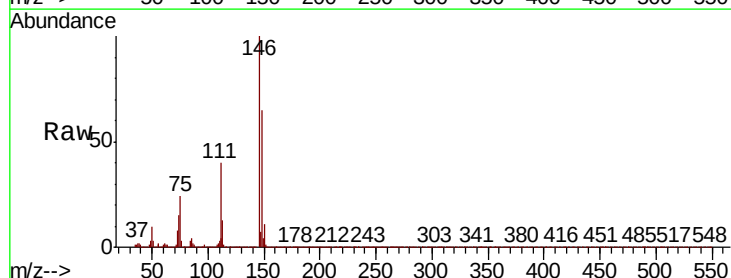
Instrument :
BNA_P
ClientSampled :

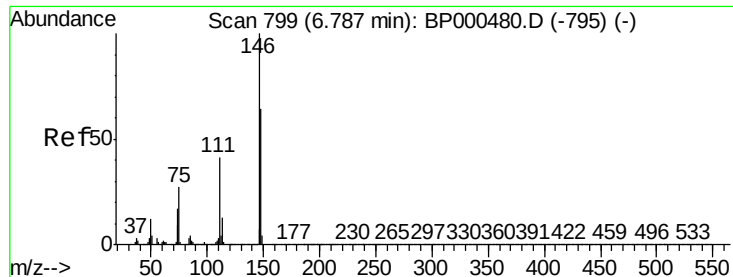
Tot Ion: 93 Resp: 748321
Ion Ratio Lower Upper
93 100
63 57.6 41.1 81.1
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.256 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion: 146 Resp: 863164
Ion Ratio Lower Upper
146 100
148 65.0 50.7 76.1
75 24.5 19.1 28.7

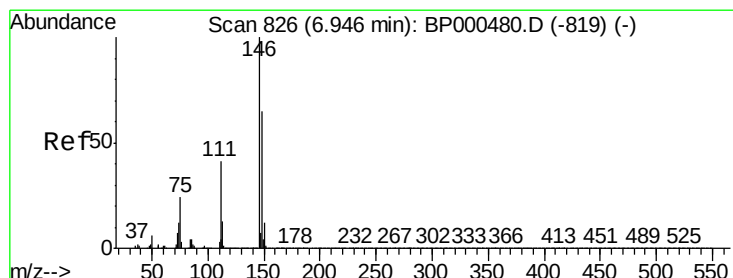
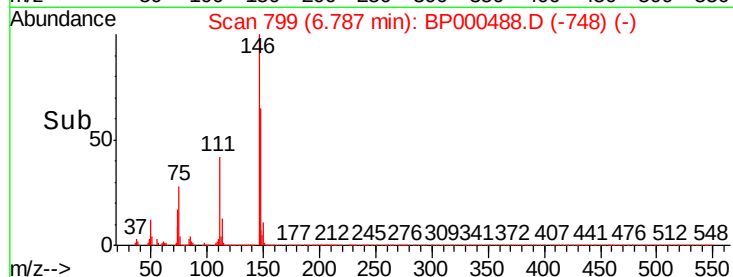
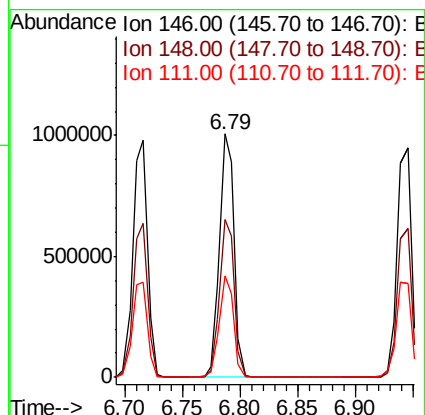
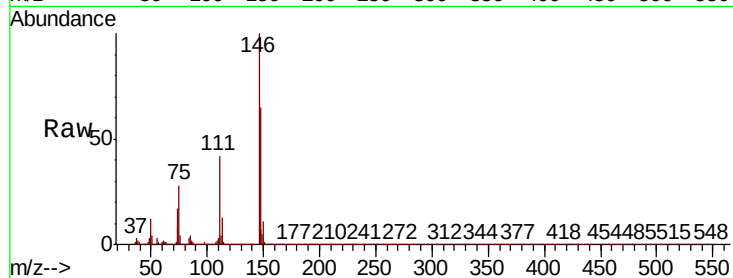




#13
 1,4-Dichlorobenzene
 Concen: 40.826 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

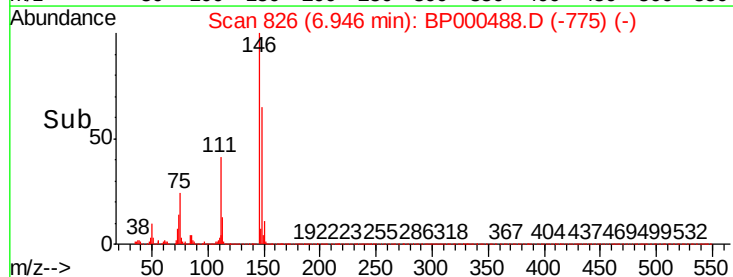
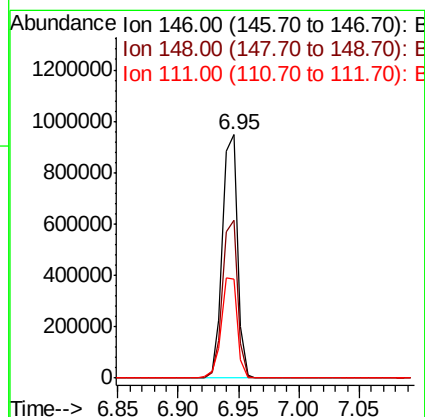
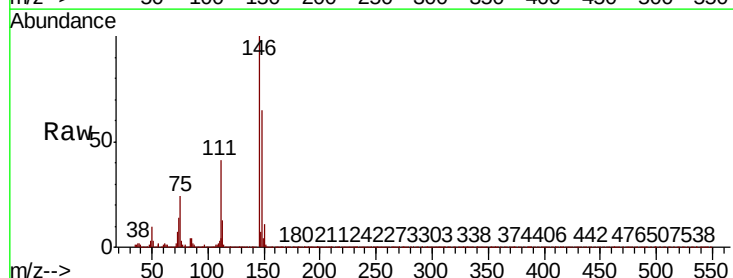
Instrument :
 BNA_P
 ClientSampled :

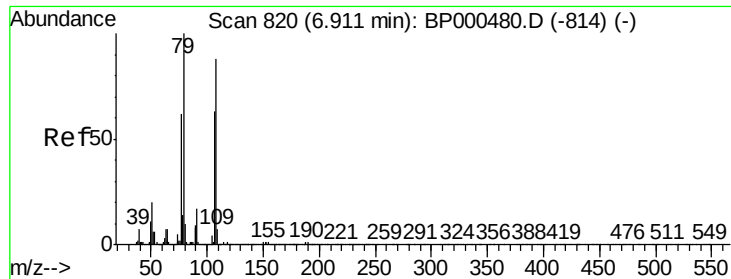
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	41.9	33.0	49.4



#14
 1,2-Dichlorobenzene
 Concen: 40.820 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	40.8	32.8	49.2





#15

Benzyl Alcohol

Concen: 44.548 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampled :

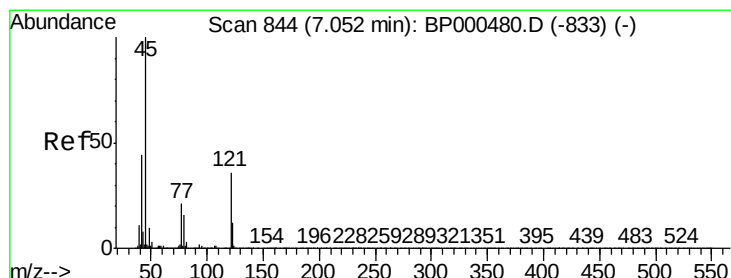
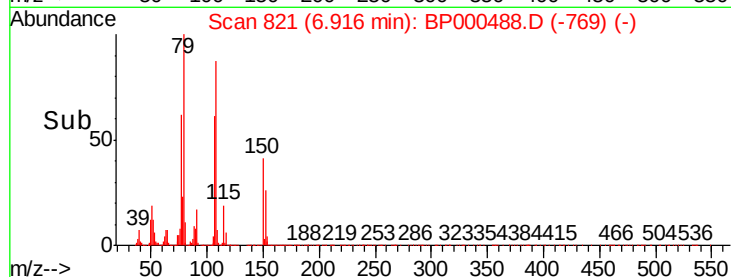
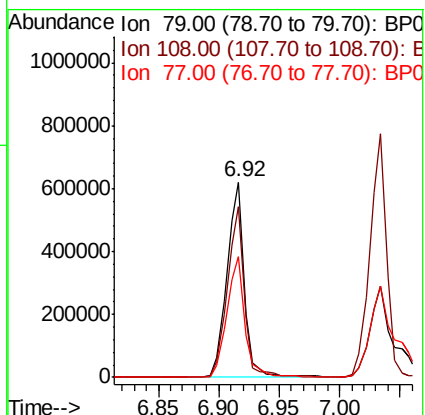
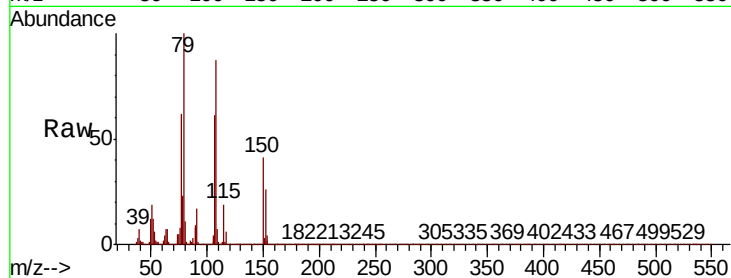
Tot Ion: 79 Resp: 621369

Ion Ratio Lower Upper

79 100

108 87.3 70.8 106.2

77 62.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.681 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

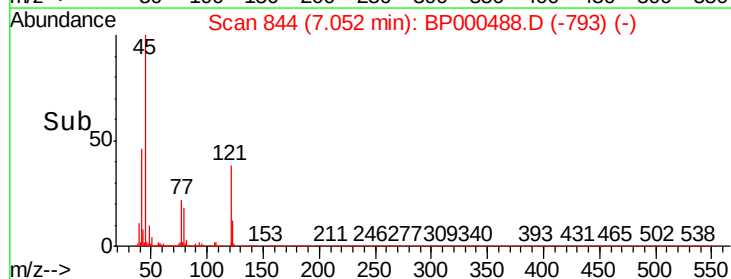
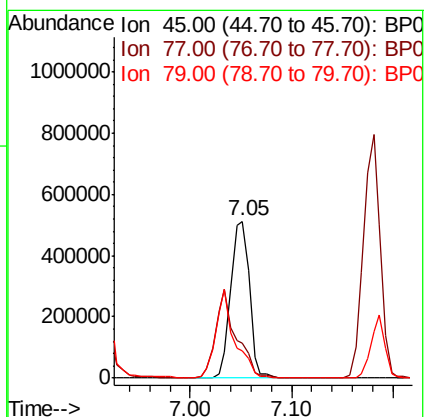
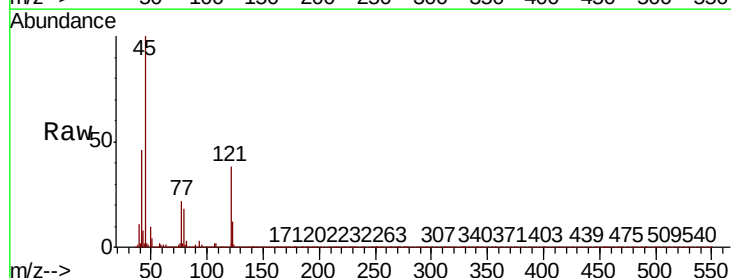
Tgt Ion: 45 Resp: 654108

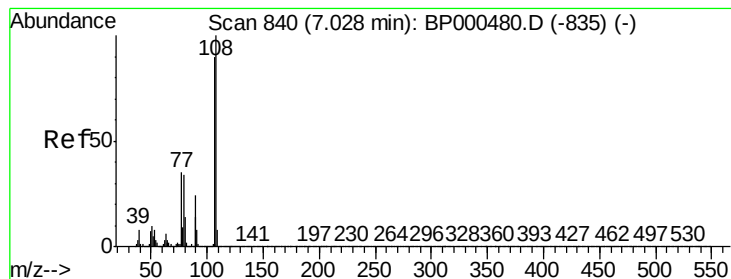
Ion Ratio Lower Upper

45 100

77 22.0 1.1 41.1

79 17.6 0.0 36.8





#17

2-Methylphenol

Concen: 44.474 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BP000488.D

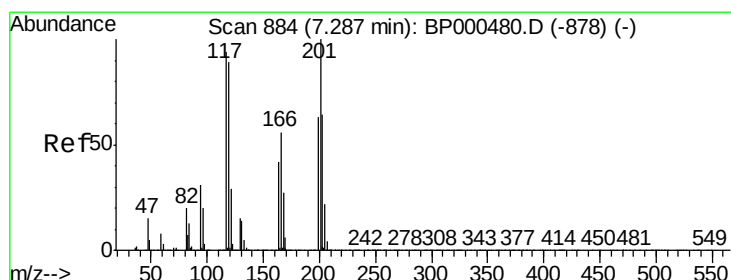
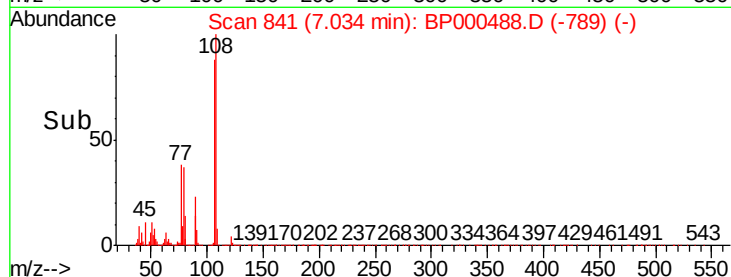
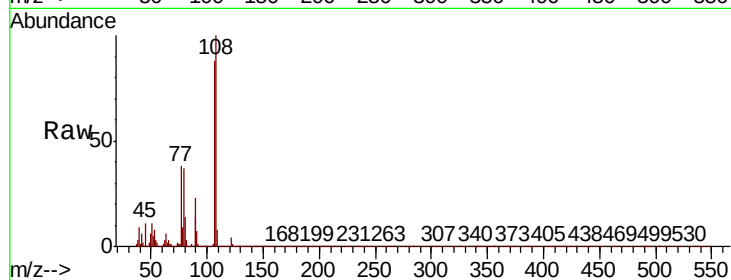
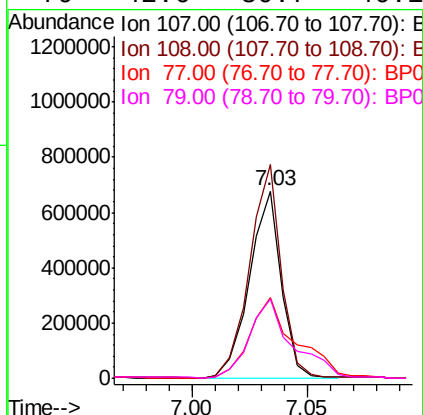
Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampled :

Tot Ion:	107	Resp:	650146
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.0	133.4
77	43.0	31.2	46.8
79	42.6	30.7	46.1



#18

Hexachloroethane

Concen: 41.446 ng

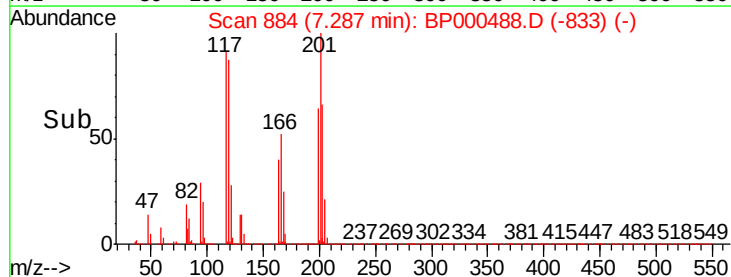
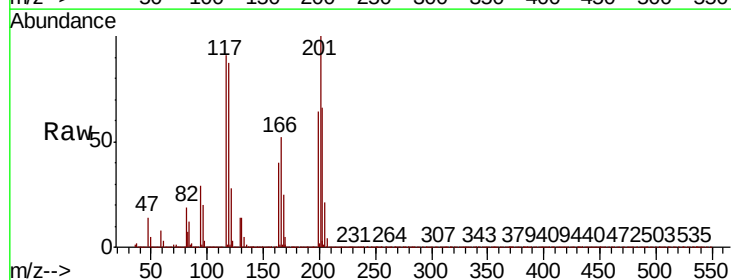
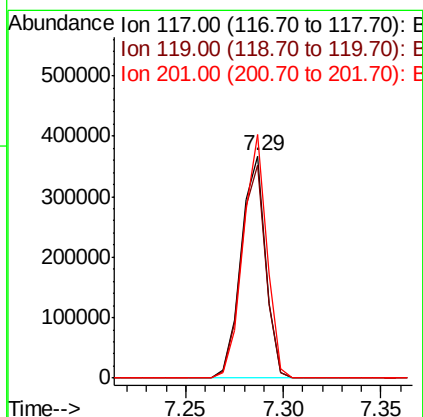
RT: 7.29 min Scan# 884

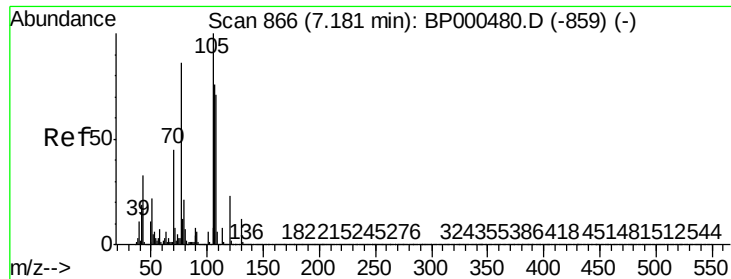
Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion:	117	Resp:	318269
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
201	109.7	85.4	128.0

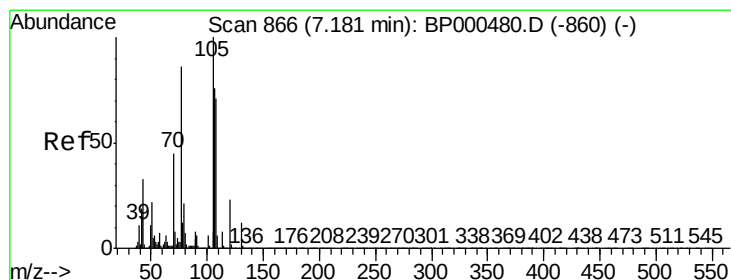
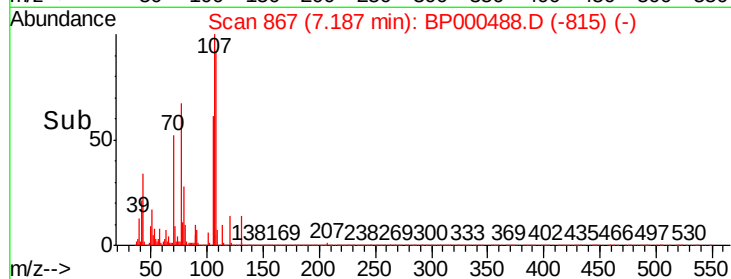
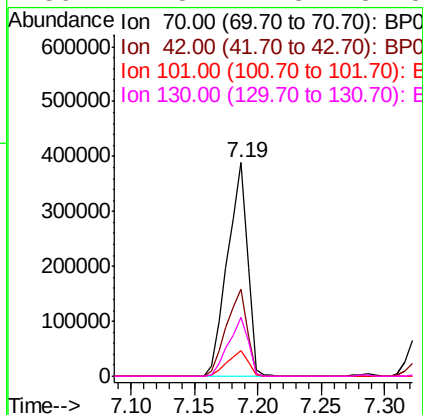
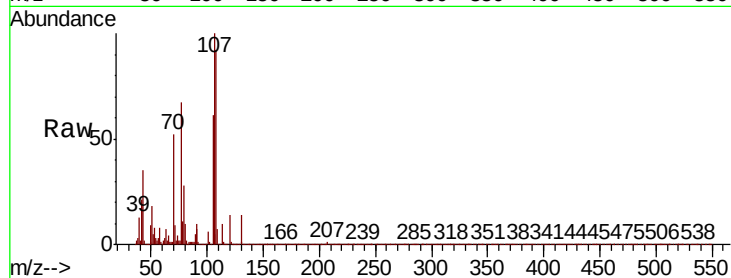




#19
n-Nitroso-di-n-propylamine
Concen: 42.784 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

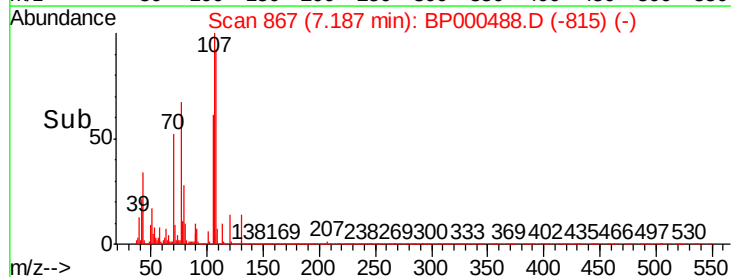
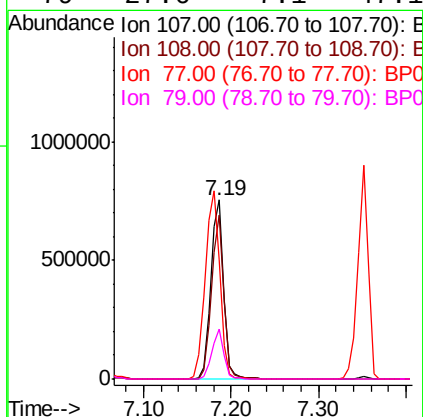
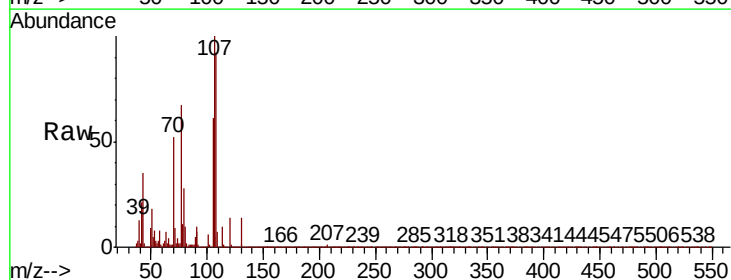
Instrument :
BNA_P
ClientSampled :

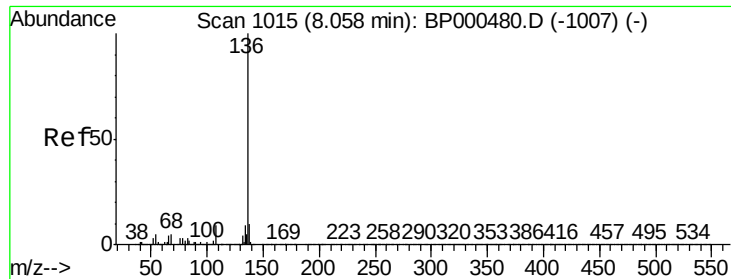
Tot Ion:	70	Resp:	425928
Ion	Ratio	Lower	Upper
70	100		
42	40.8	33.2	49.8
101	12.0	9.9	14.9
130	27.8	21.8	32.8



#20
3+4-Methylphenols
Concen: 44.449 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:	107	Resp:	760321
Ion	Ratio	Lower	Upper
107	100		
108	91.6	72.6	112.6
77	66.8	93.3	133.3#
79	27.6	7.1	47.1

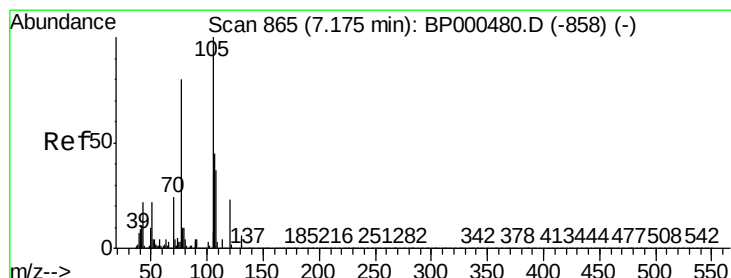
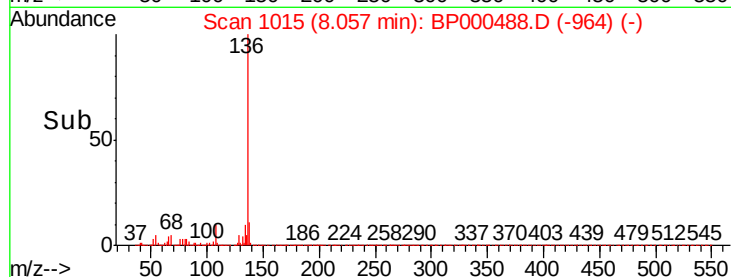
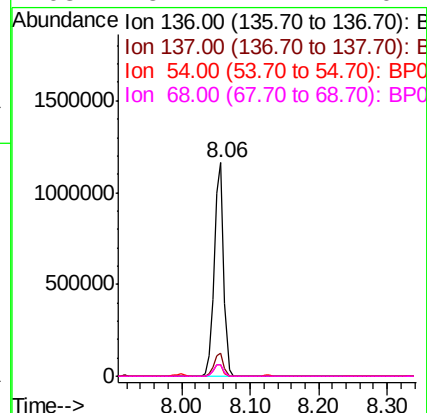
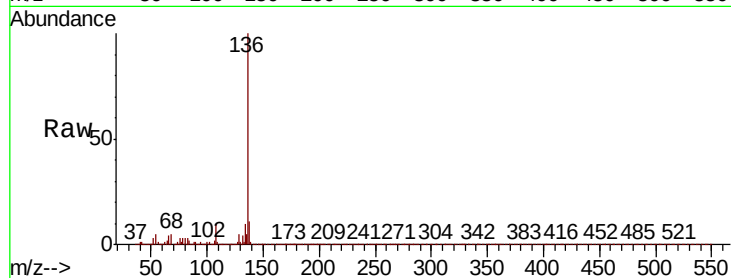




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

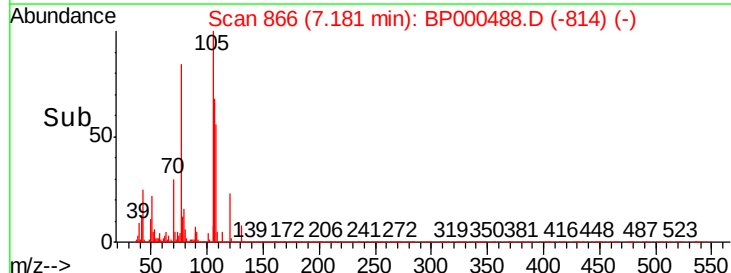
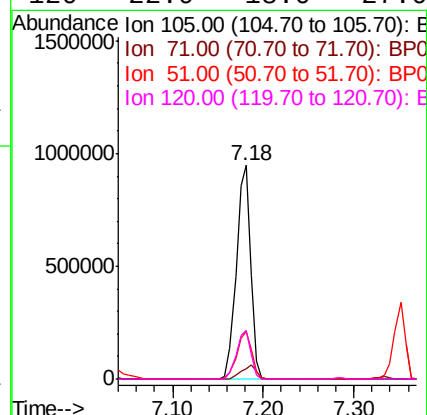
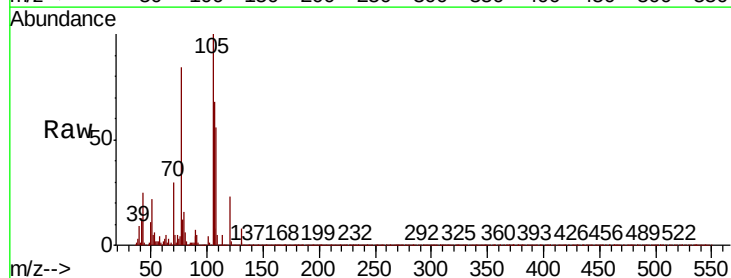
Instrument :
BNA_P
ClientSampleId :

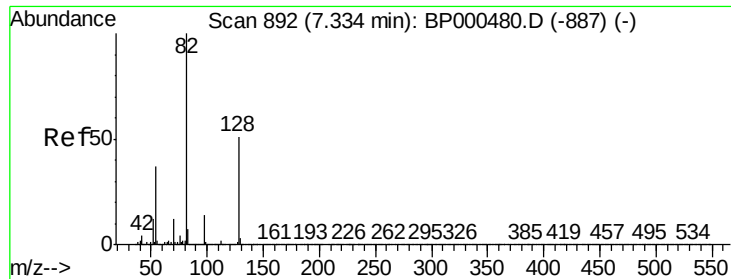
Tot Ion:136	Resp: 1109049
Ion Ratio	Lower Upper
136 100	
137 11.0	8.2 12.4
54 5.2	4.1 6.1
68 5.2	4.1 6.1



#22
Acetophenone
Concen: 40.768 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt	Ion:105	Resp:	1044721
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.3	4.9#
51	22.3	17.4	26.2
120	22.9	18.0	27.0

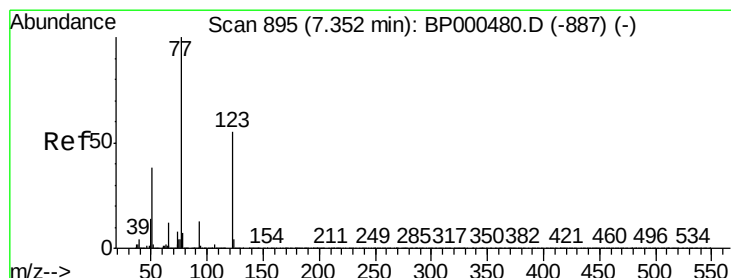
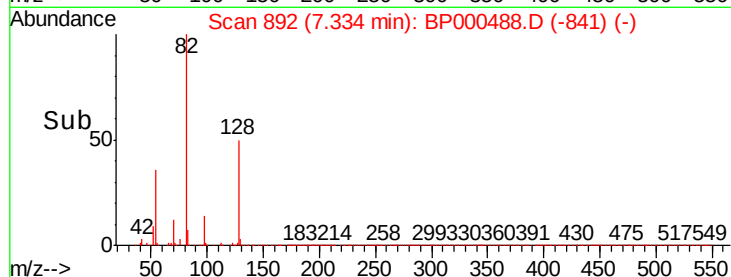
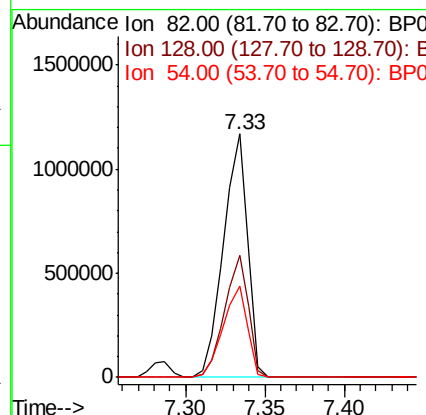
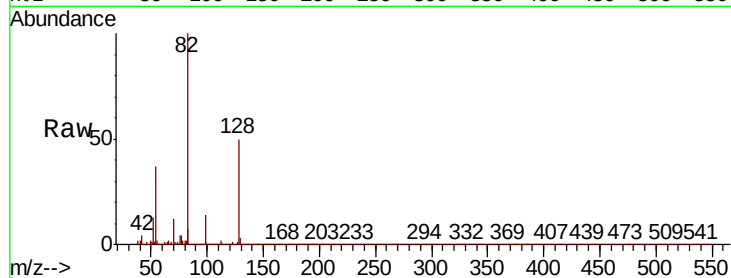




#23
 Nitrobenzene-d5
 Concen: 67.750 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

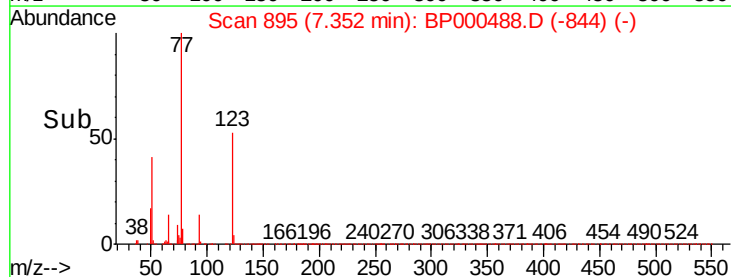
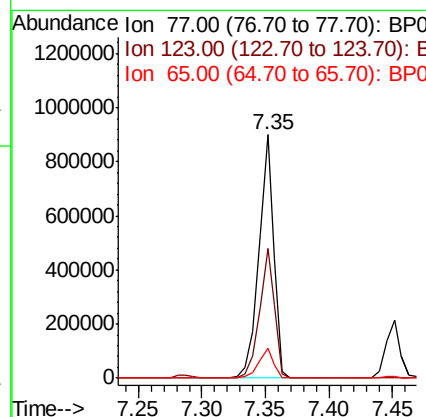
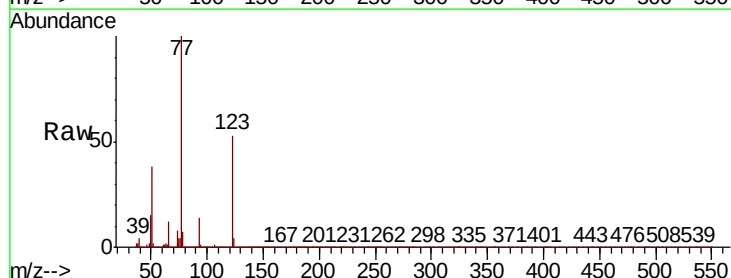
Instrument :
 BNA_P
 ClientSampleId :

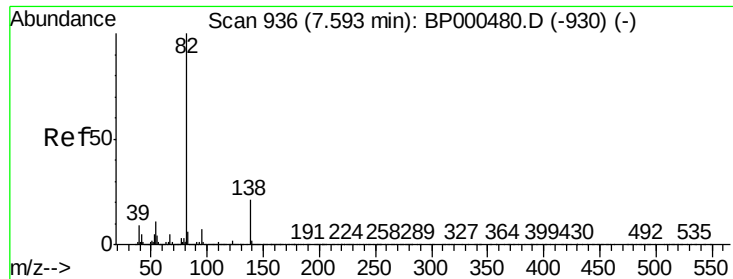
Tot Ion: 82 Resp: 1230250
 Ion Ratio Lower Upper
 82 100
 128 50.3 40.9 61.3
 54 37.3 29.4 44.2



#24
 Nitrobenzene
 Concen: 42.741 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion: 77 Resp: 748545
 Ion Ratio Lower Upper
 77 100
 123 53.5 44.1 66.1
 65 12.1 9.7 14.5





#25

Isophorone

Concen: 43.746 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

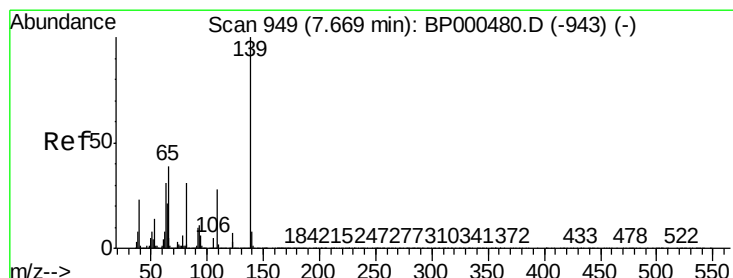
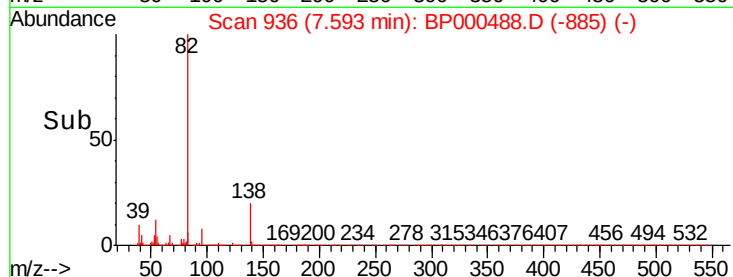
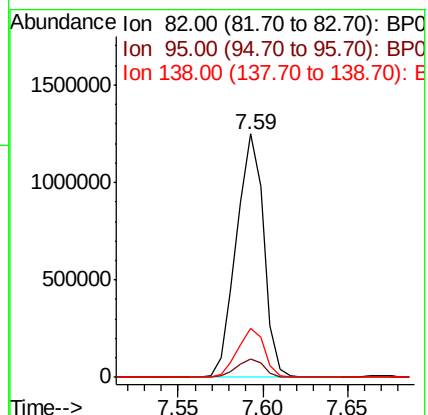
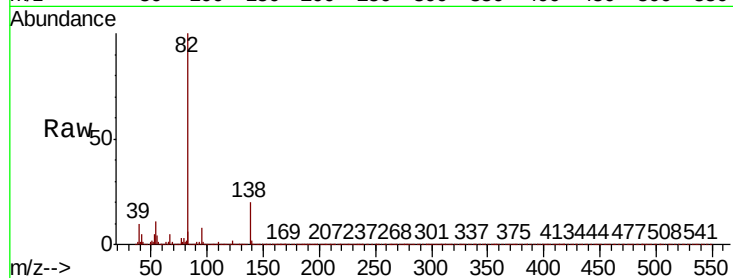
Tot Ion: 82 Resp: 1409833

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.6

138 19.9 17.0 25.4



#26

2-Nitrophenol

Concen: 46.566 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

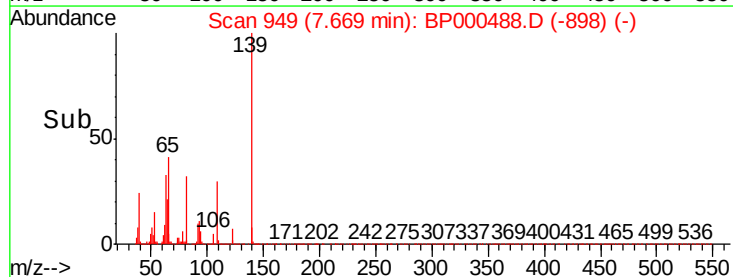
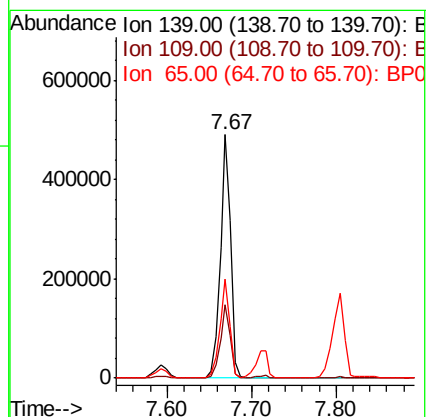
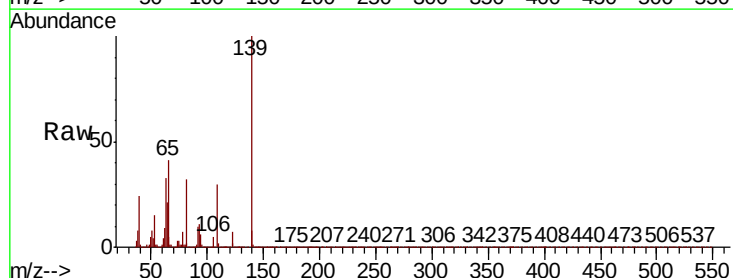
Tgt Ion: 139 Resp: 428879

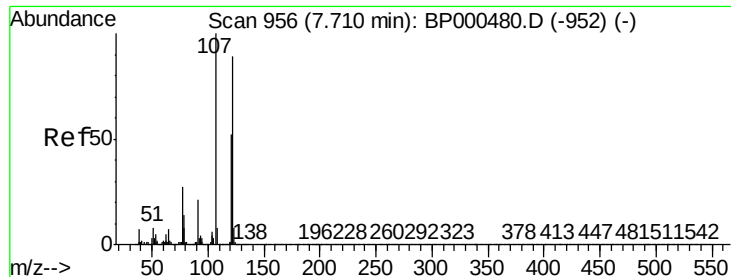
Ion Ratio Lower Upper

139 100

109 30.3 22.8 34.2

65 40.7 31.5 47.3

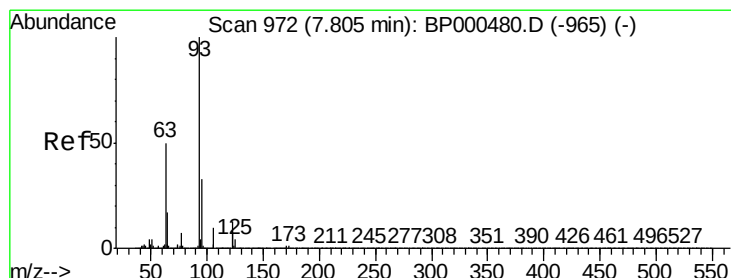
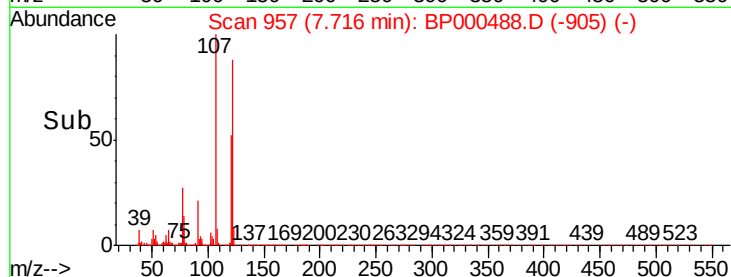
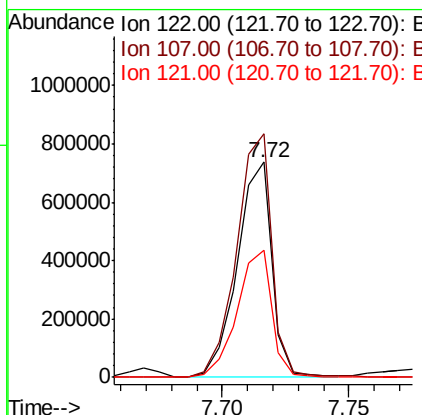
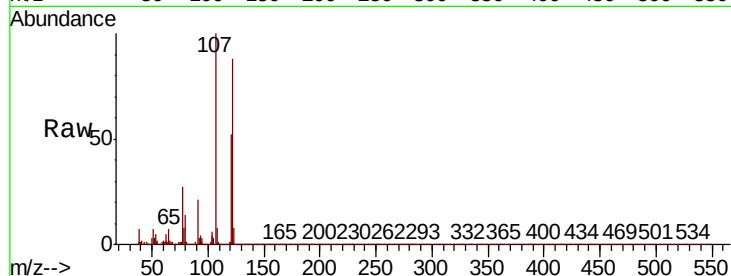




#27
2,4-Dimethylphenol
Concen: 49.548 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

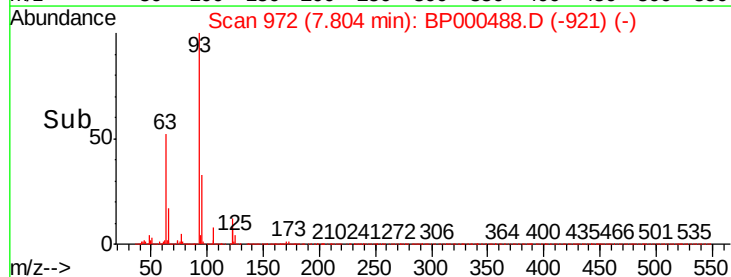
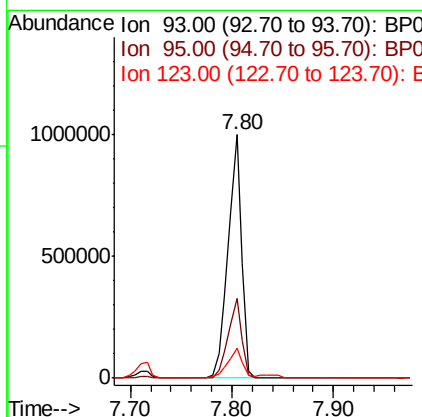
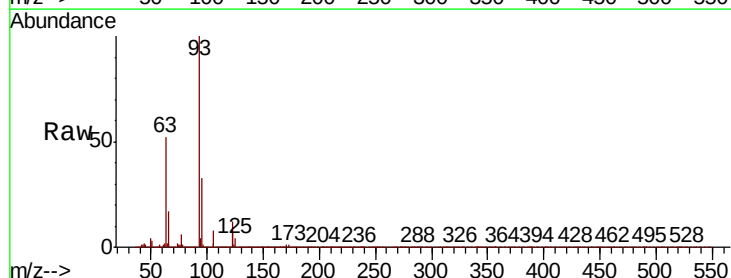
Instrument :
BNA_P
ClientSampled :

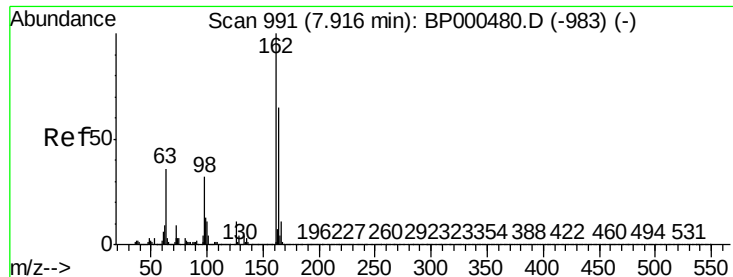
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	89.9	134.9
121	59.0	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.516 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.4	10.2	15.2

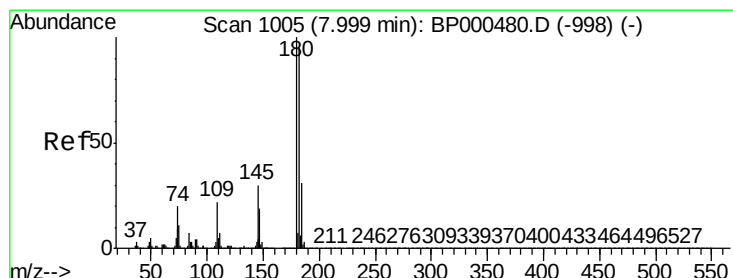
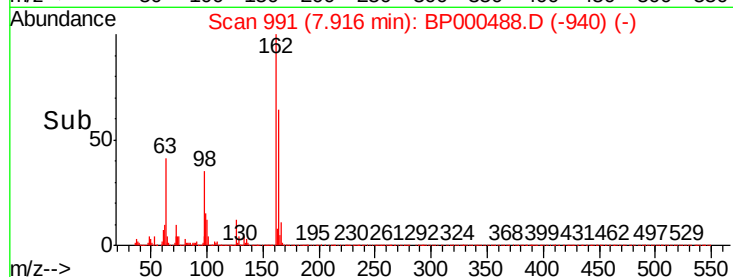
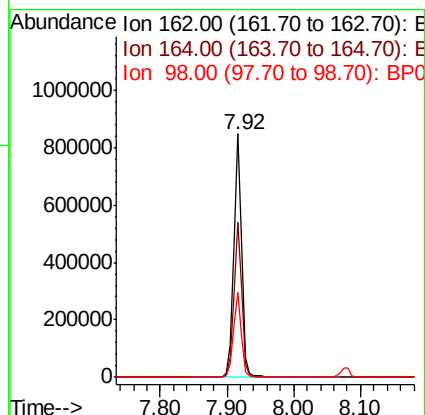
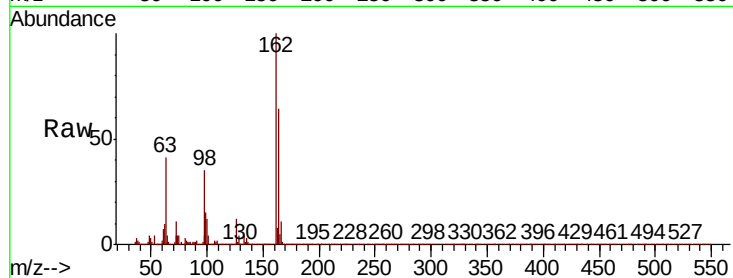




#29
2,4-Dichlorophenol
Concen: 44.535 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

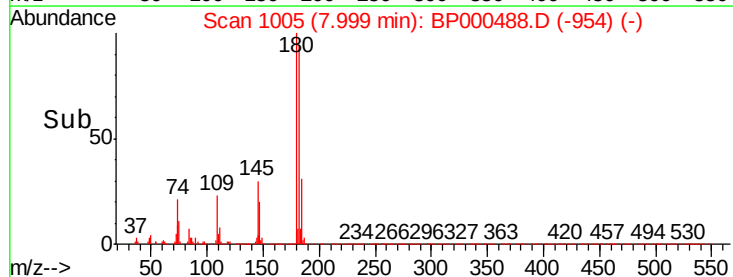
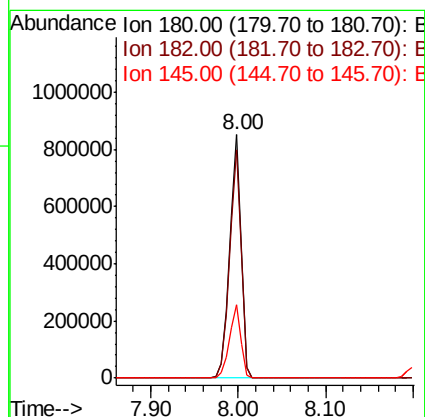
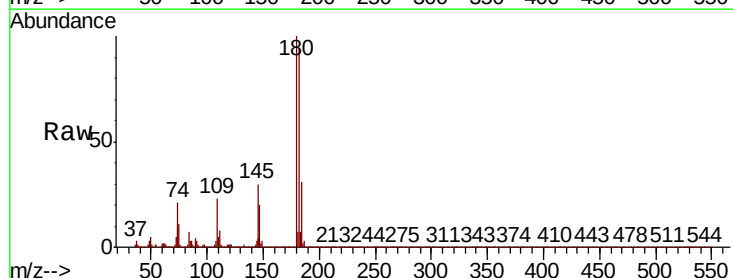
Instrument :
BNA_P
ClientSampleId :

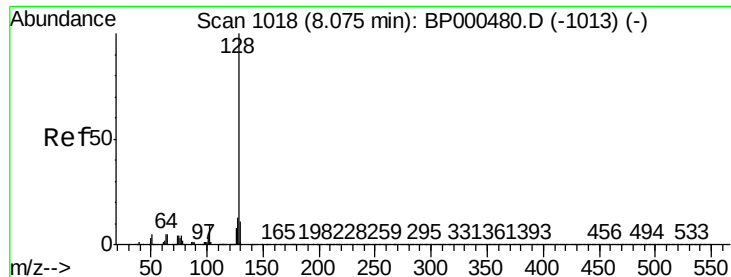
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	34.9	11.6	51.6



#30
1,2,4-Trichlorobenzene
Concen: 41.226 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.4
145	30.0	23.6	35.4

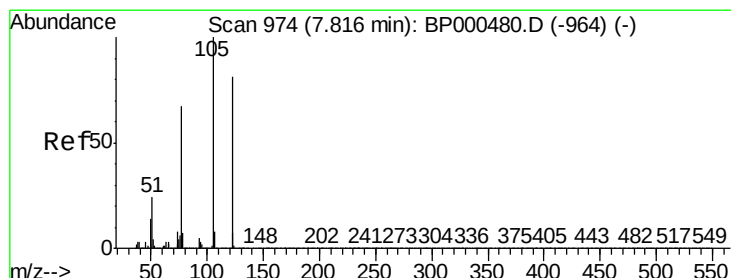
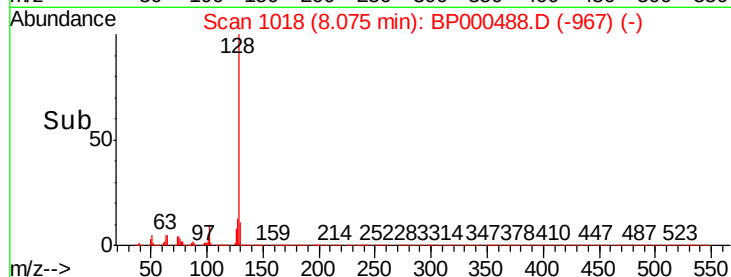
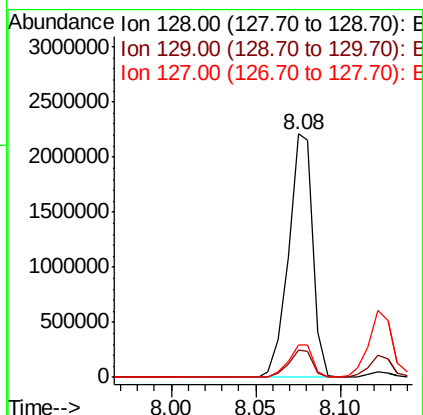
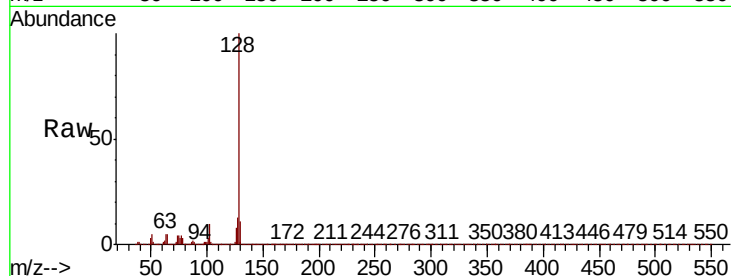




#31
Naphthalene
Concen: 42.683 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

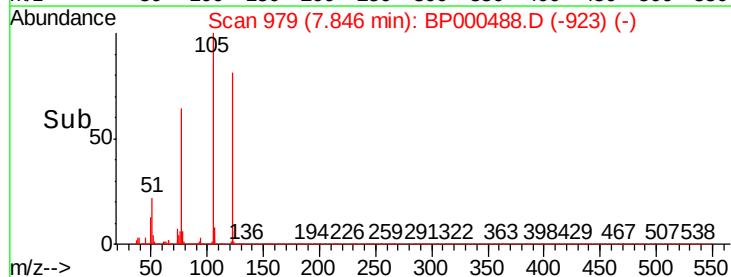
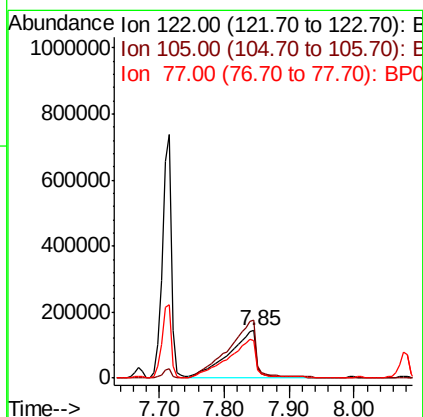
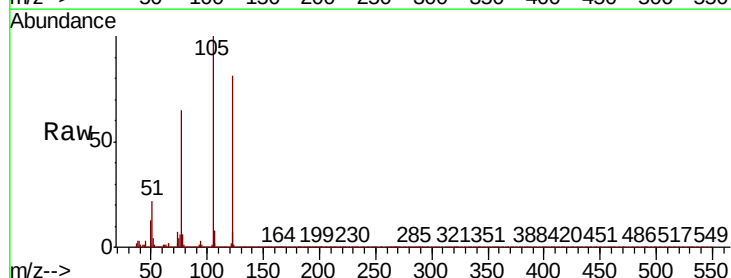
Instrument :
BNA_P
ClientSampleId :

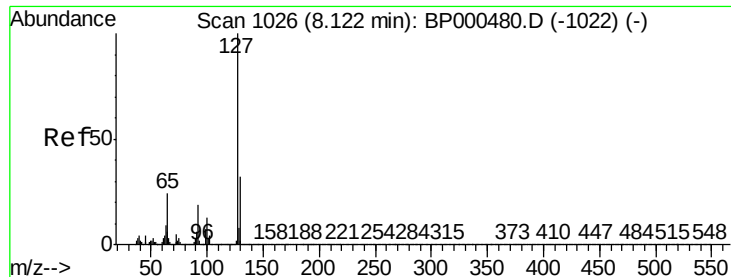
Tot Ion:128 Resp: 2210810
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 48.096 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.03 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:122 Resp: 428754
Ion Ratio Lower Upper
122 100
105 123.1 101.4 141.4
77 80.2 62.1 102.1

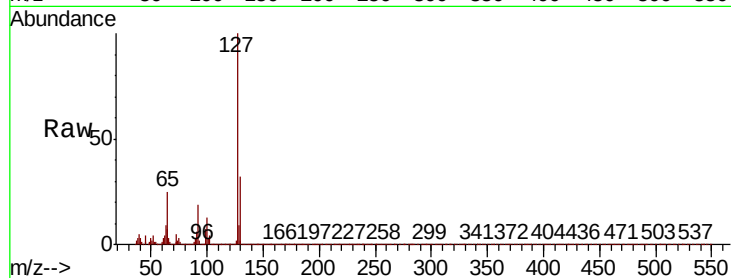




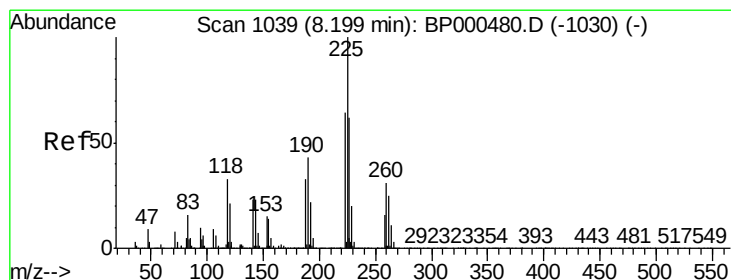
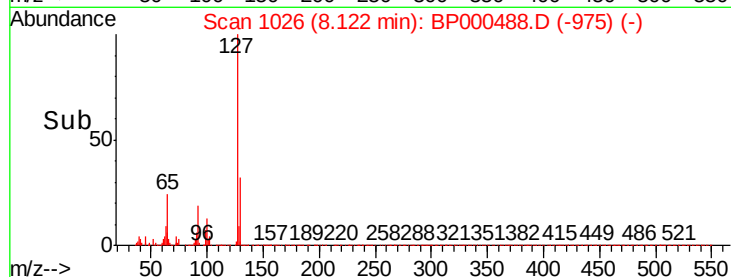
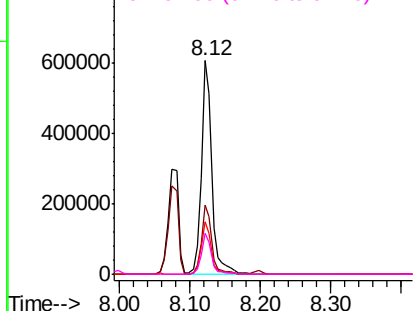
#33
4-Chloroaniline
Concen: 27.509 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Instrument :
BNA_P
ClientSampled :

Tot Ion:127	Resp:	625625
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.6 38.4
65	24.7	19.2 28.8
92	18.9	14.9 22.3

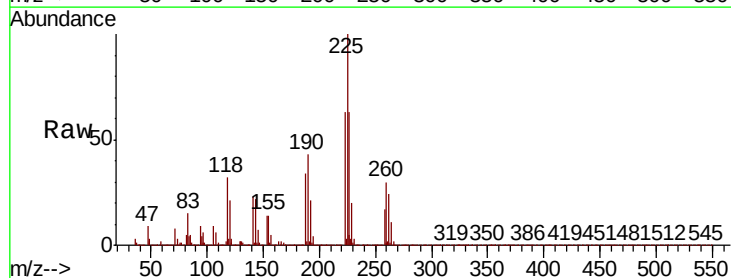


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

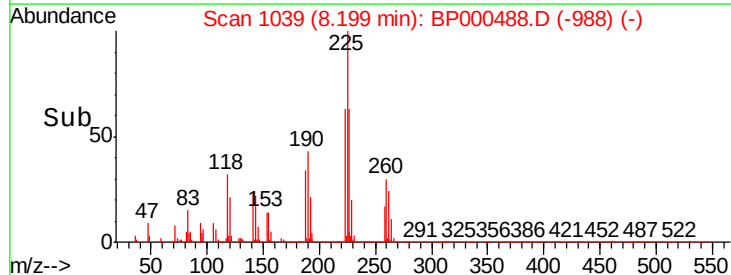
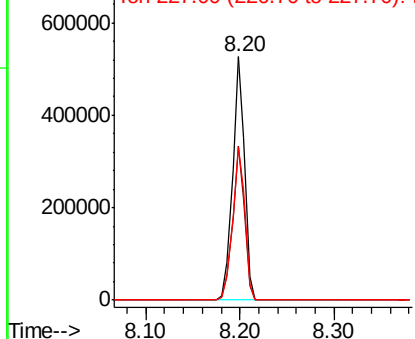


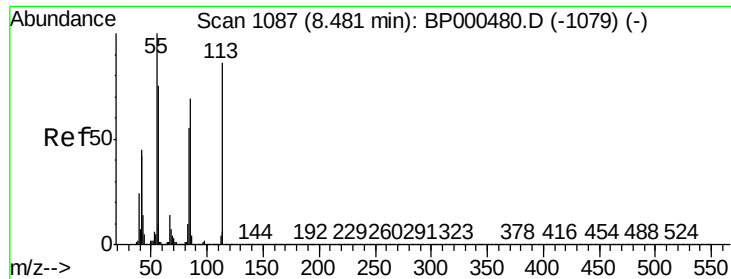
#34
Hexachlorobutadiene
Concen: 40.780 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:225	Resp:	462028
Ion	Ratio	Lower Upper
225	100	
223	63.2	51.4 77.0
227	62.8	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

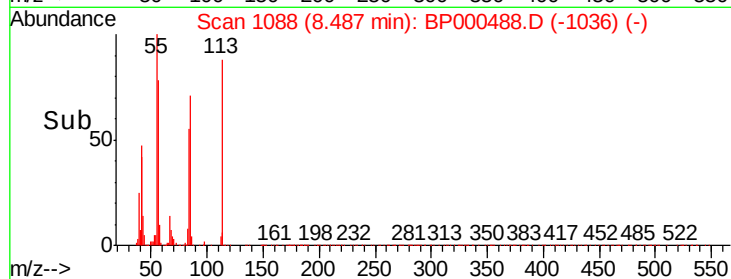
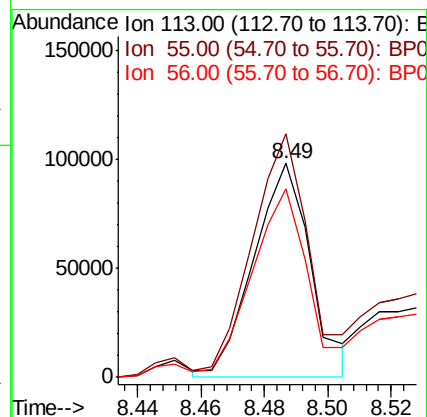
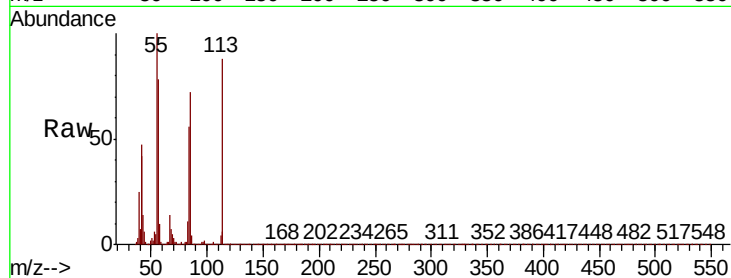




#35
Caprolactam
Concen: 22.819 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

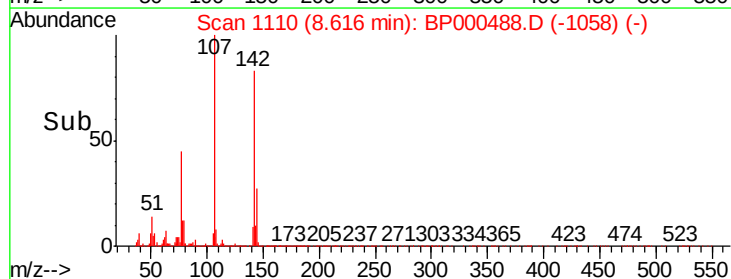
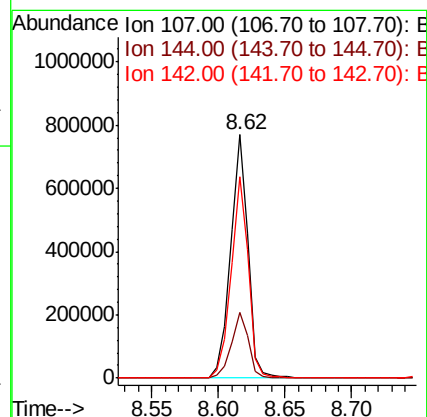
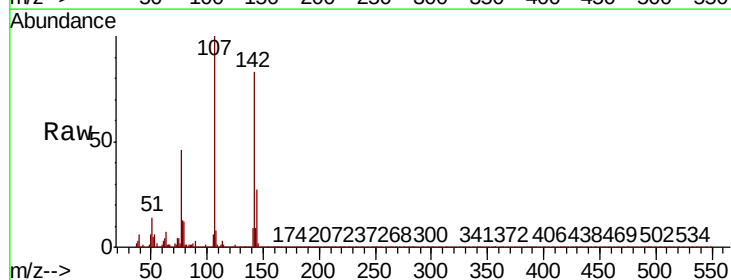
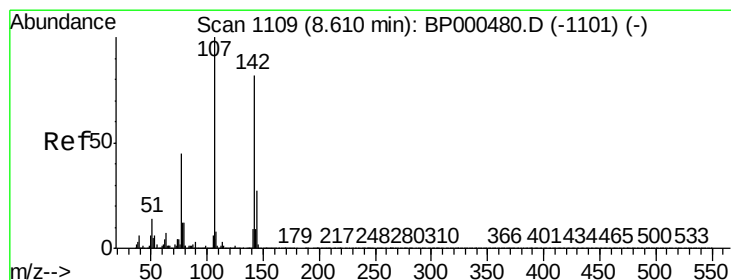
Instrument :
BNA_P
ClientSampleId :

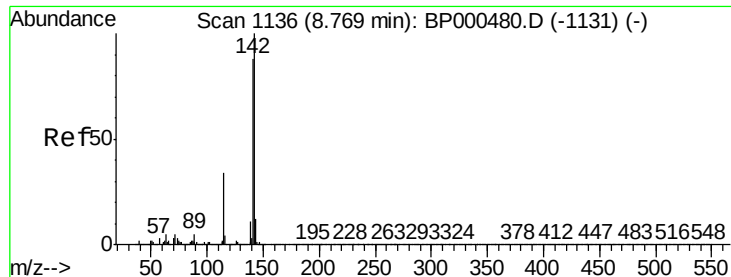
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	113.8	95.9	135.9	
56	88.2	67.2	107.2	



#36
4-Chloro-3-methylphenol
Concen: 45.354 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.9	21.8	32.8	
142	82.6	65.5	98.3	

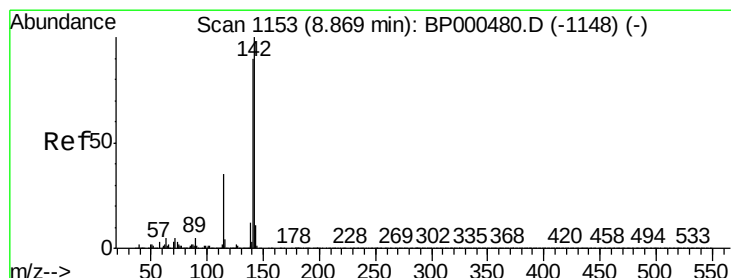
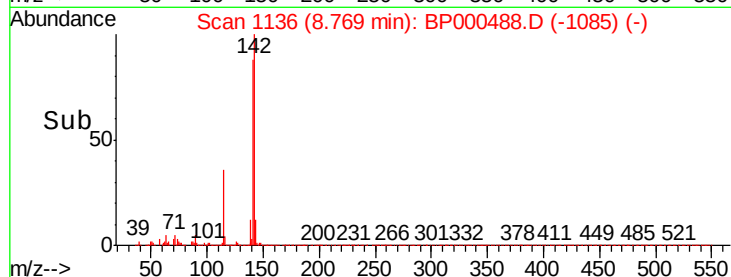
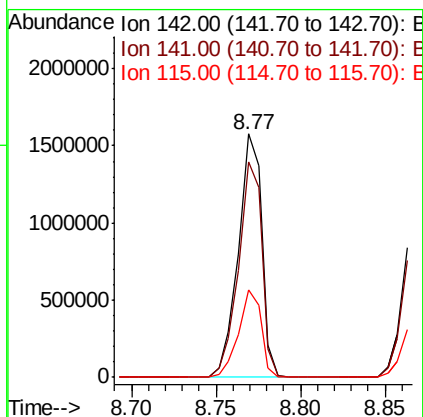
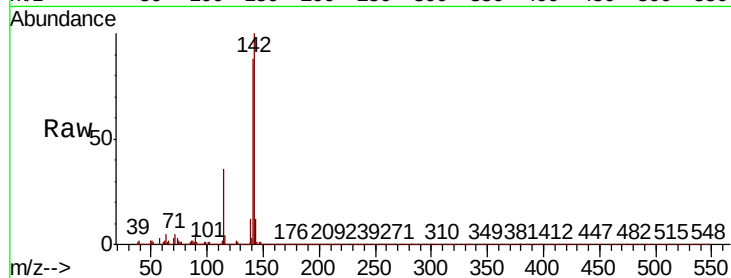




#37
2-Methylnaphthalene
Concen: 43.962 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

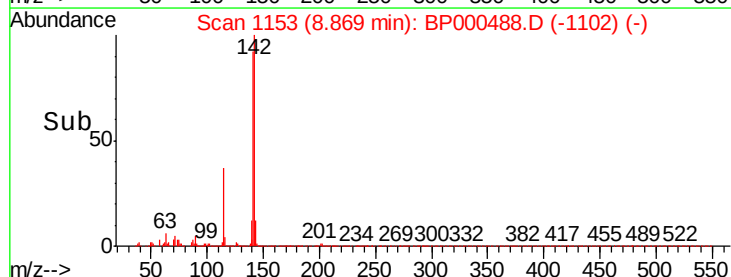
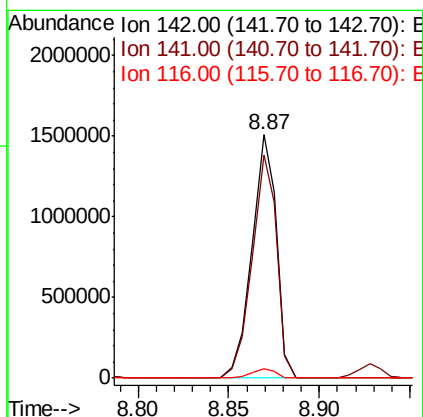
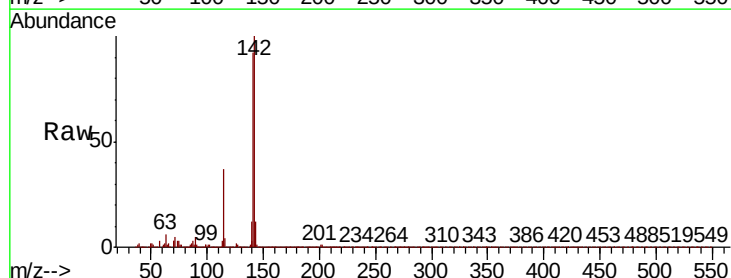
Instrument :
BNA_P
ClientSampleId :

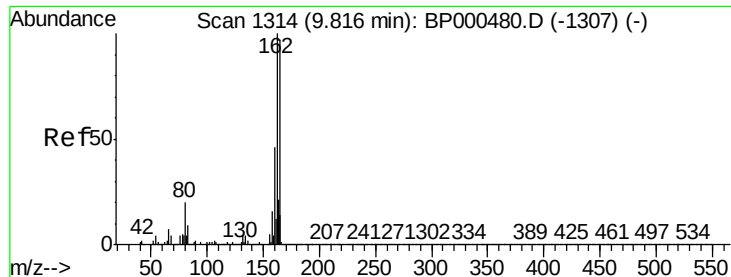
Tot Ion:142 Resp: 1528615
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0
115 35.7 27.4 41.0



#38
1-Methylnaphthalene
Concen: 42.957 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:142 Resp: 1411352
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9
116 4.0 3.0 4.4

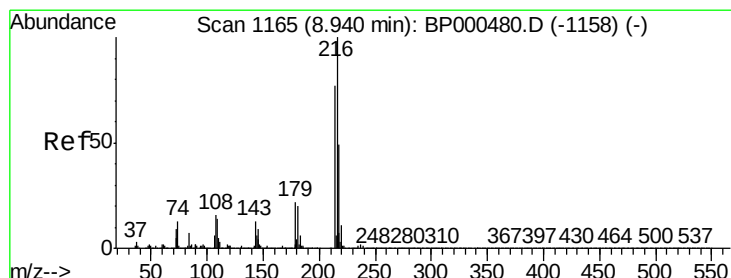
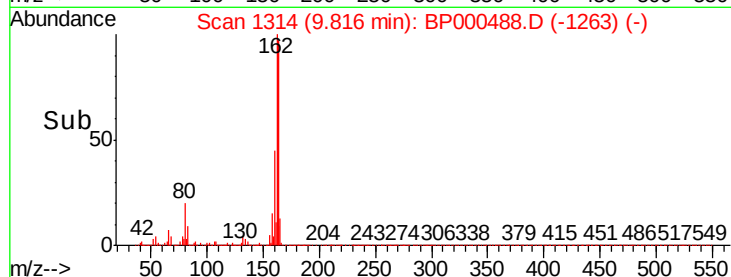
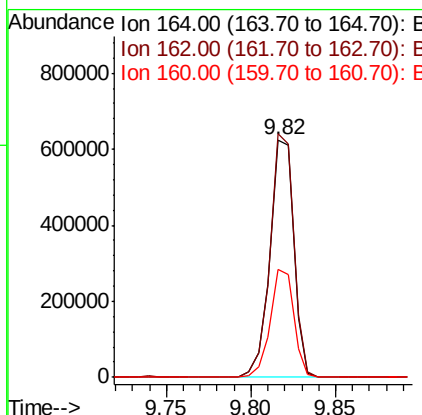
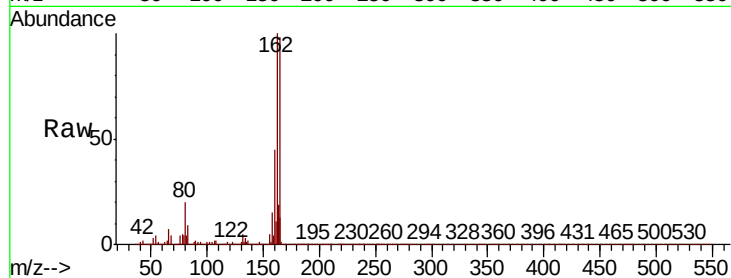




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

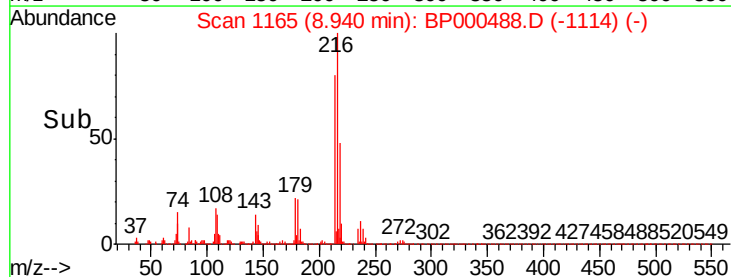
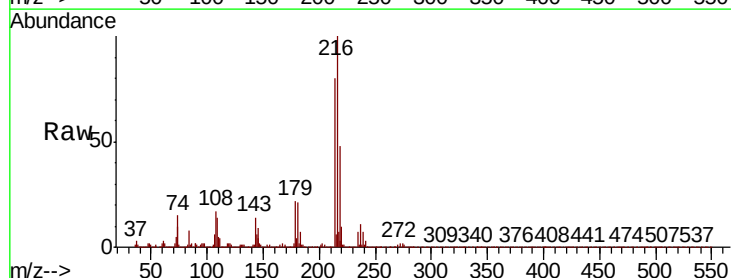
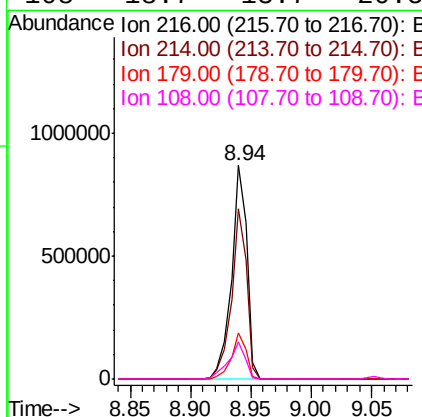
Instrument :
BNA_P
ClientSampleId :

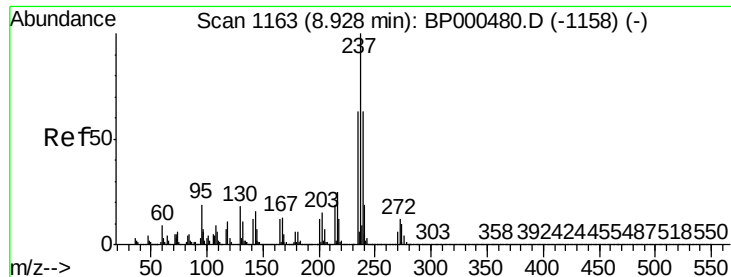
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	45.6	37.6	56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.820 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	21.0	16.7	25.1
108	18.7	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 88.910 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

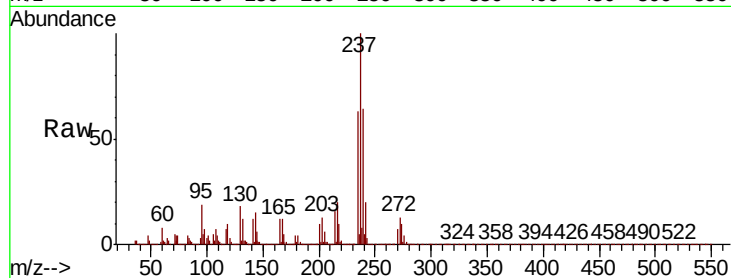
Tot Ion:237 Resp: 693811

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

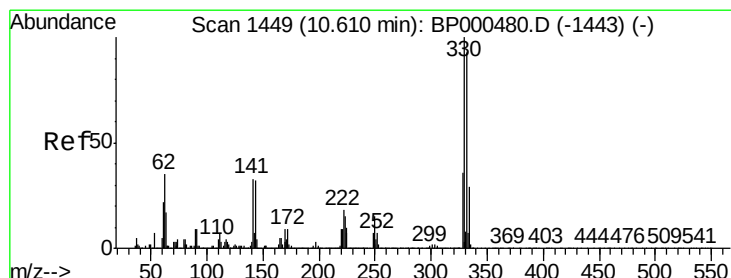
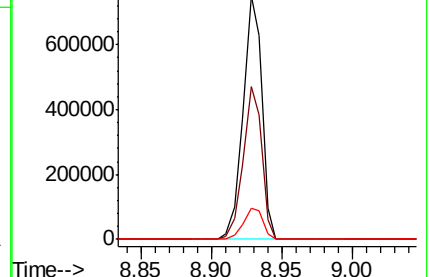
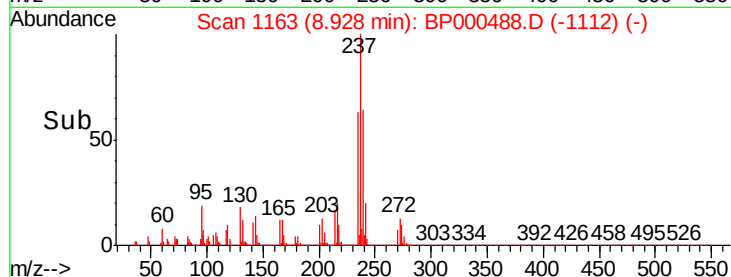
272 12.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.401 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

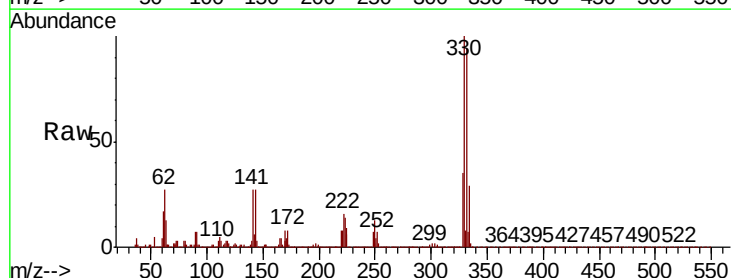
Tgt Ion:330 Resp: 691419

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

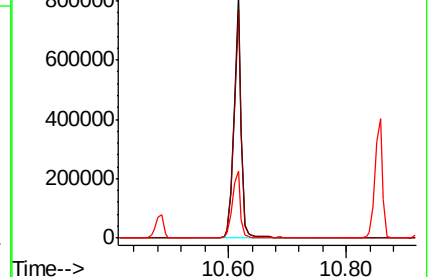
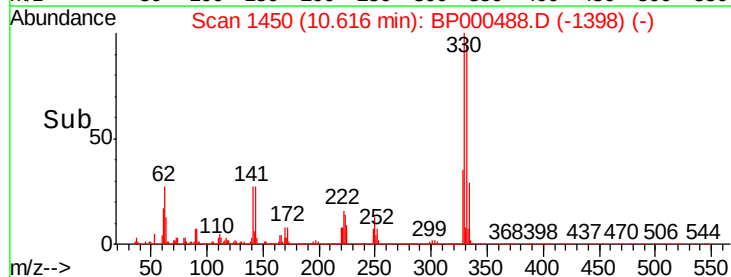
141 30.6 26.0 39.0

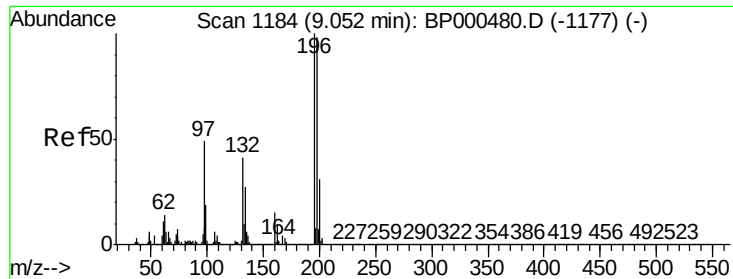


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

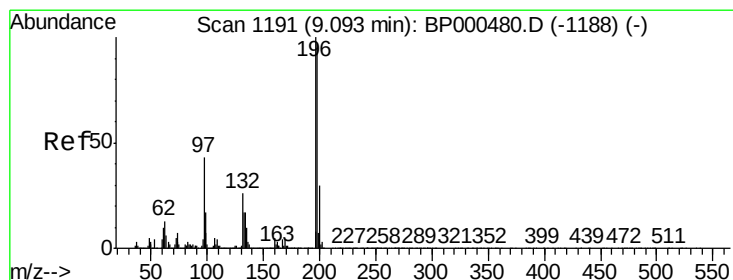
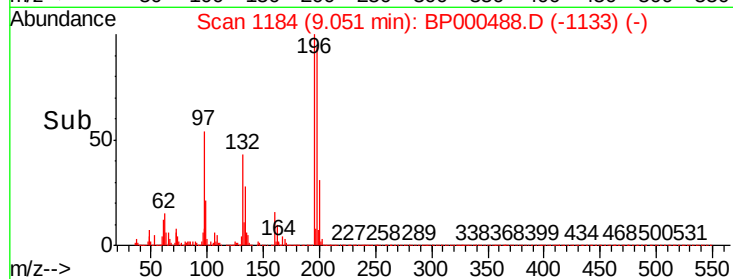
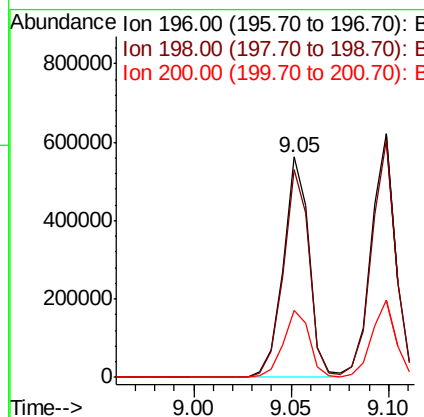
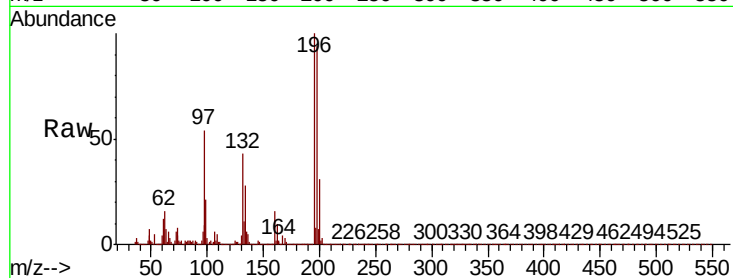




#43
 2,4,6-Trichlorophenol
 Concen: 43.103 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

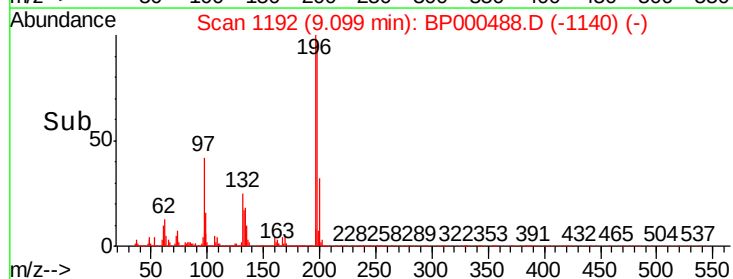
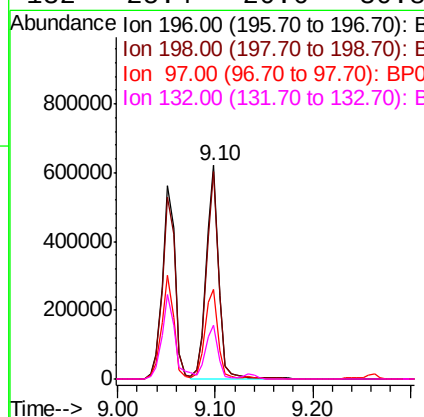
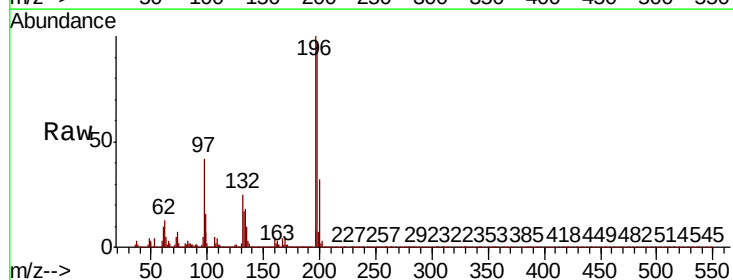
Instrument :
 BNA_P
 ClientSampled :

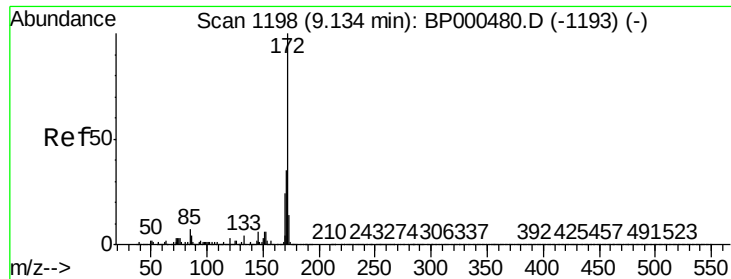
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.2	117.2
200	30.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.612 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.4	116.0
97	42.0	34.6	51.8
132	25.4	20.6	30.8

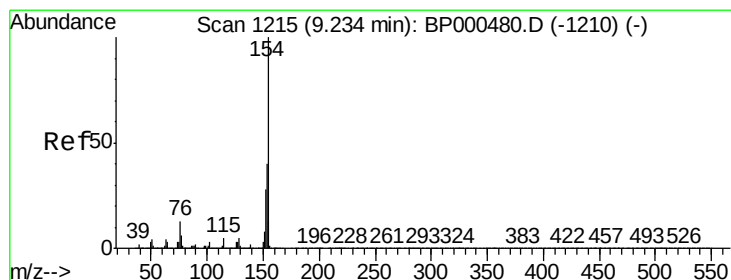
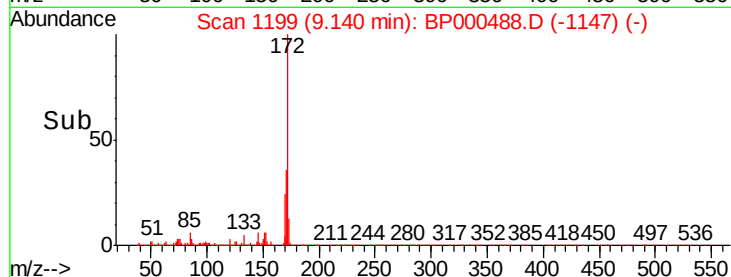
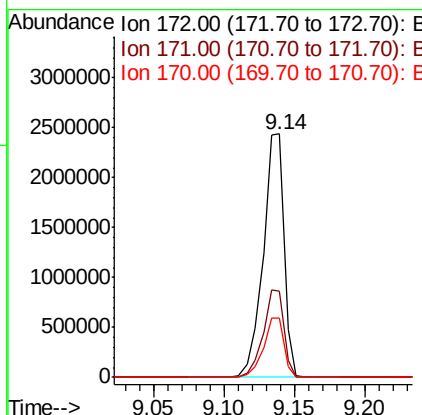
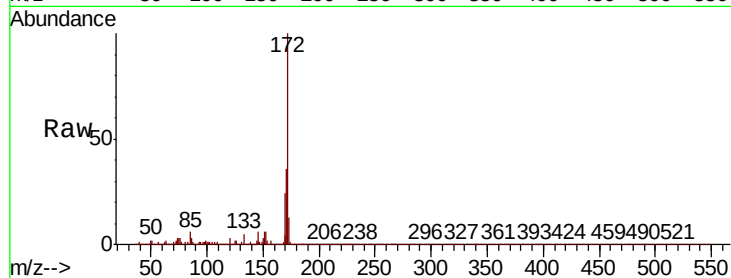




#45
2-Fluorobiphenyl
Concen: 67.854 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

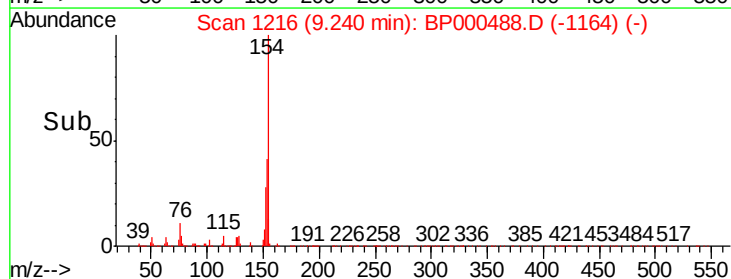
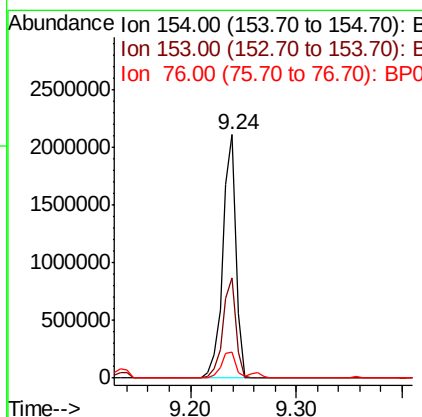
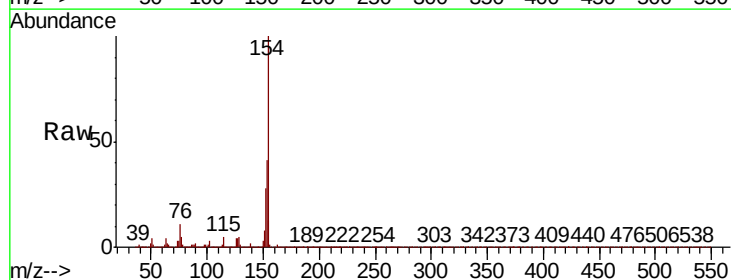
Instrument :
BNA_P
ClientSampleId :

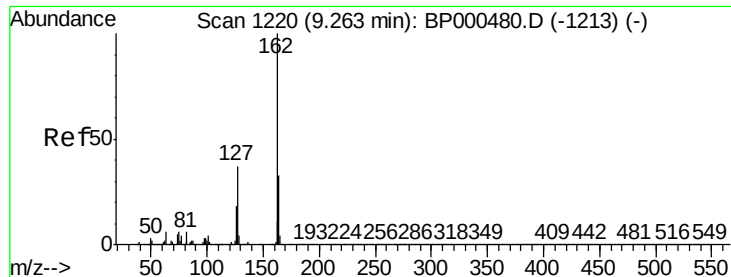
Tot Ion:172 Resp: 2557365
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 40.076 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:154 Resp: 1844682
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 10.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.009 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

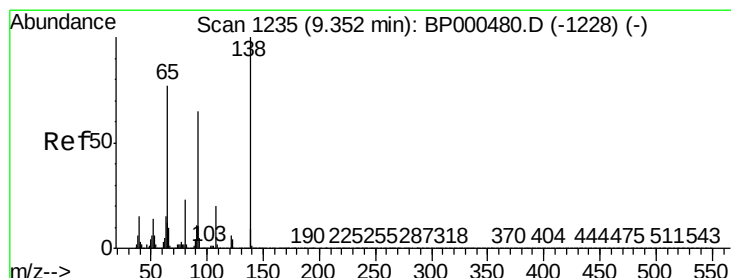
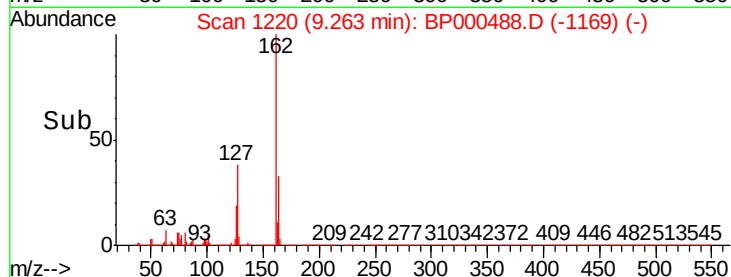
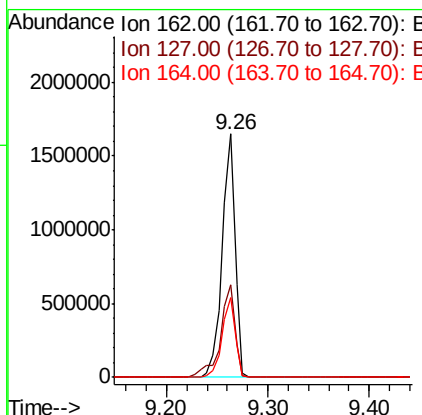
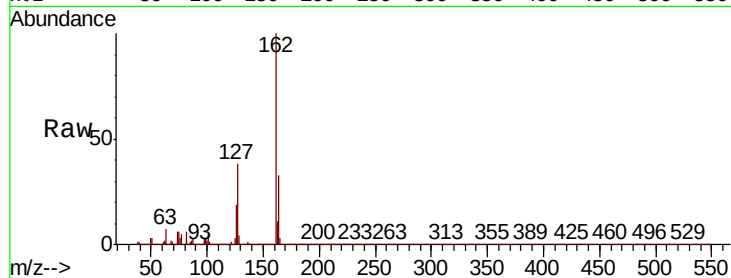
Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 162 Resp: 1459649

Ion	Ratio	Lower	Upper
162	100		
127	38.3	29.8	44.6
164	33.0	26.6	39.8



#48

2-Nitroaniline

Concen: 41.126 ng

RT: 9.36 min Scan# 1236

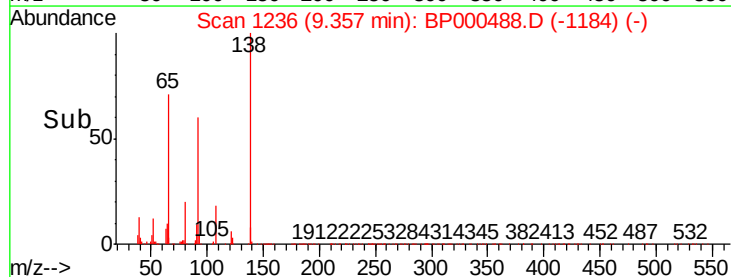
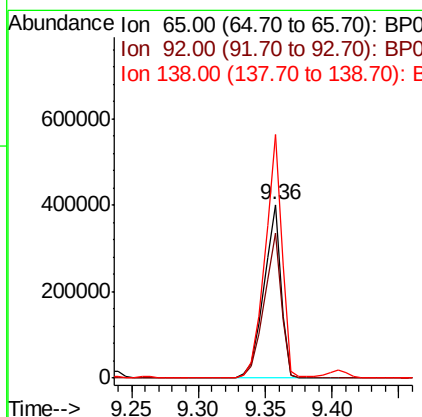
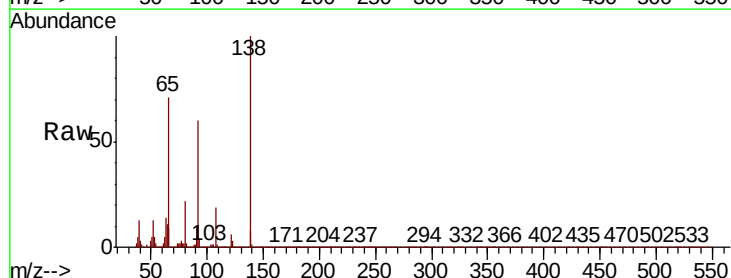
Delta R.T. 0.01 min

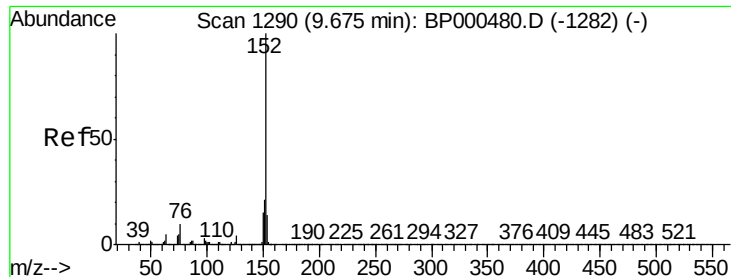
Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion: 65 Resp: 354389

Ion	Ratio	Lower	Upper
65	100		
92	83.8	67.0	100.4
138	140.1	103.5	155.3





#49

Acenaphthylene

Concen: 42.358 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

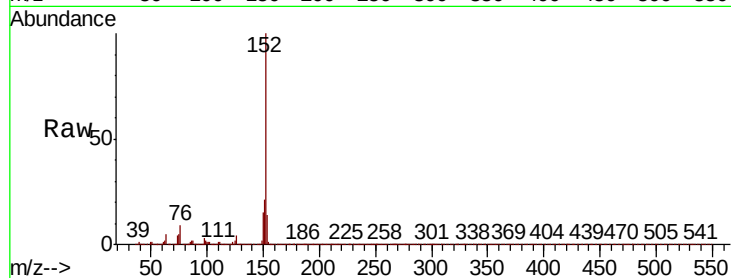
Tot Ion:152 Resp: 2274590

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0
153	13.8	11.0	16.6

152 100

151 21.2 16.6 25.0

153 13.8 11.0 16.6

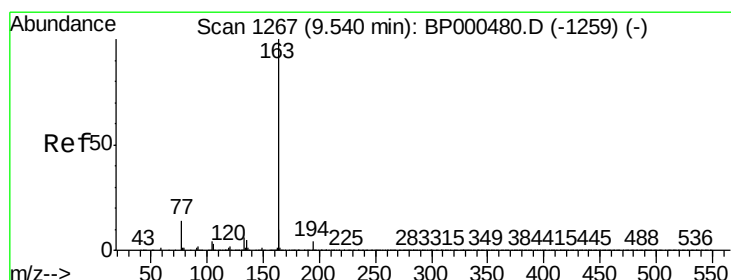
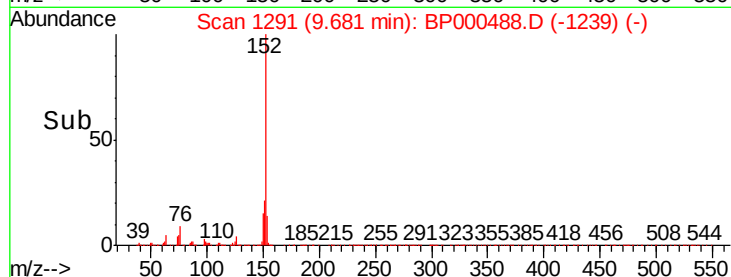
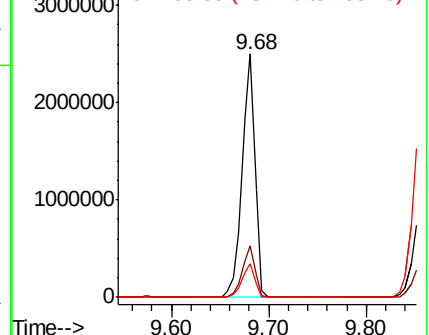


Abundance

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: 40.937 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

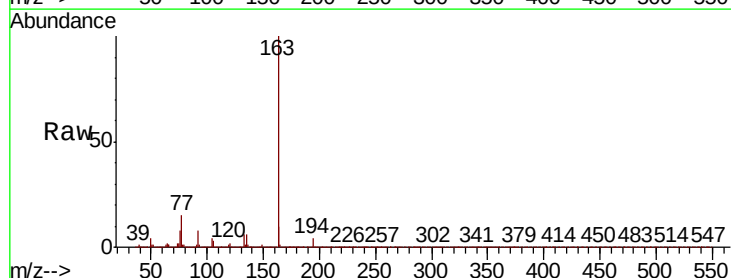
Tgt Ion:163 Resp: 1734597

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

163 100

194 4.5 3.4 5.2

164 9.9 8.0 12.0

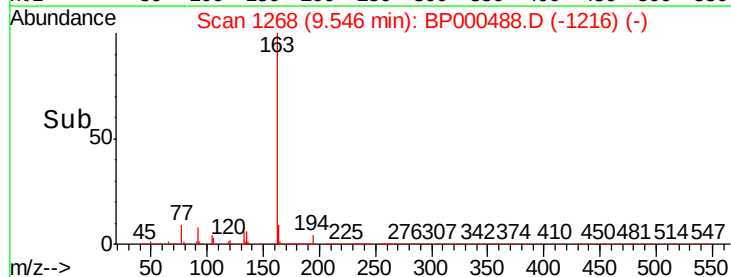
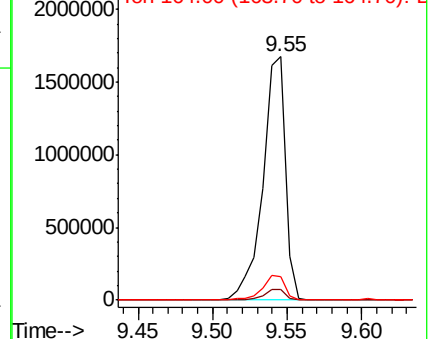


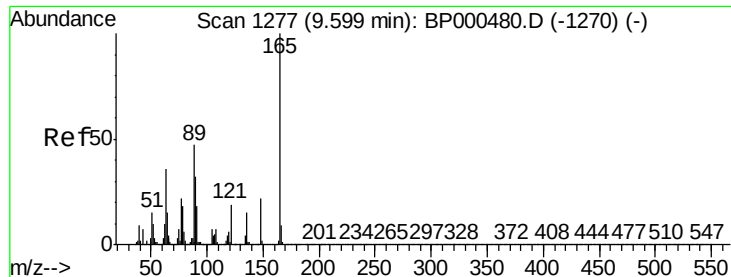
Abundance

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

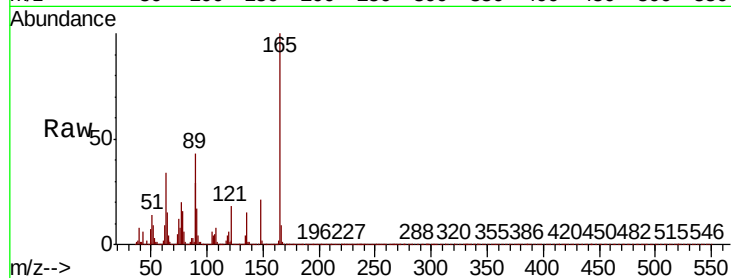




#51
 2,6-Dinitrotoluene
 Concen: 43.528 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.0	29.9	44.9
89	43.4	37.3	55.9

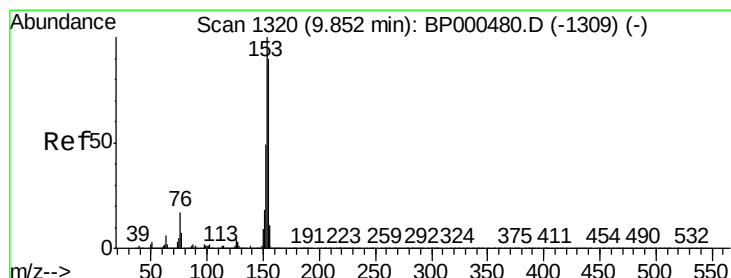
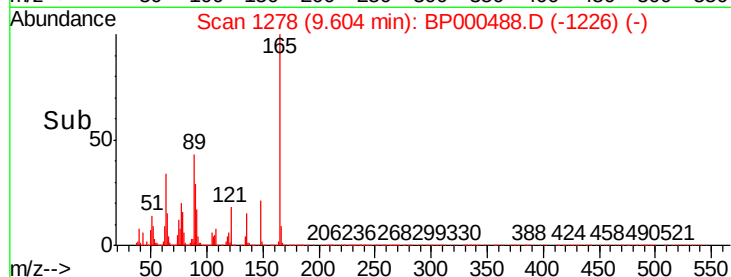
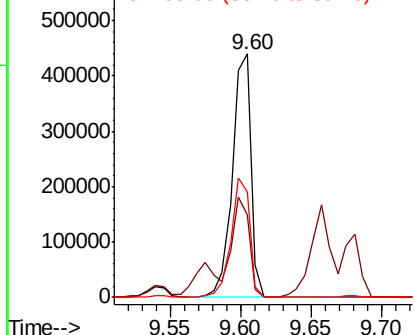


Abundance

Ion 165.00 (164.70 to 165.70): E

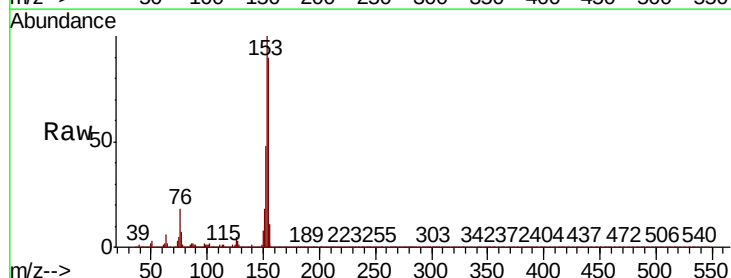
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52
 Acenaphthene
 Concen: 40.259 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.4	134.0
152	53.7	43.8	65.8

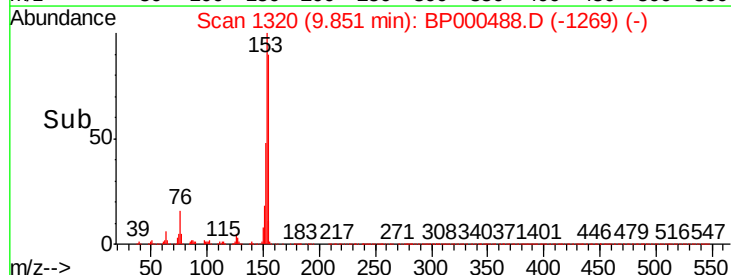
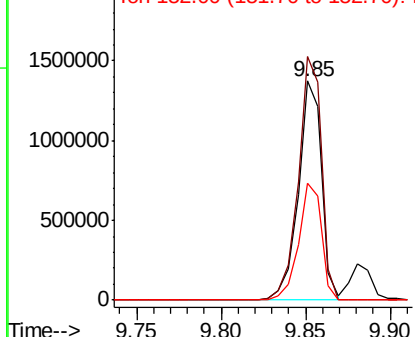


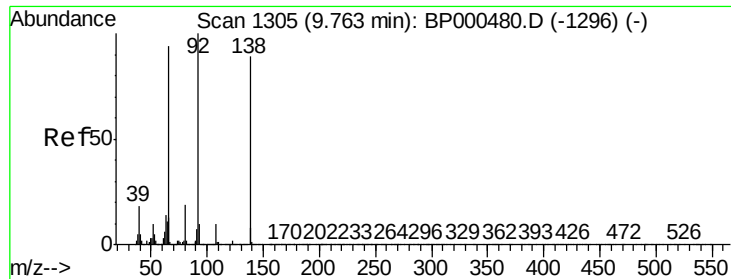
Abundance

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

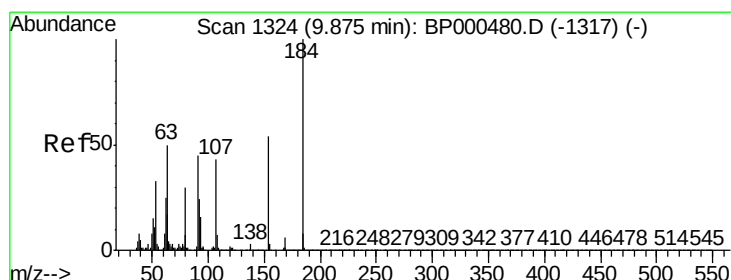
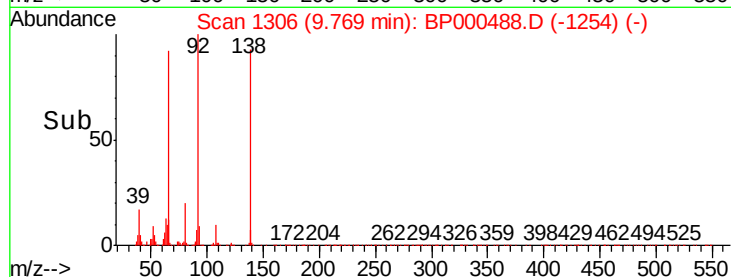
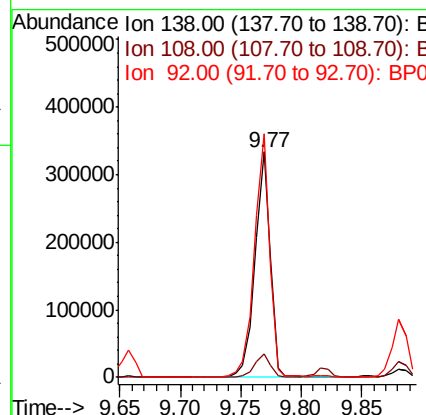
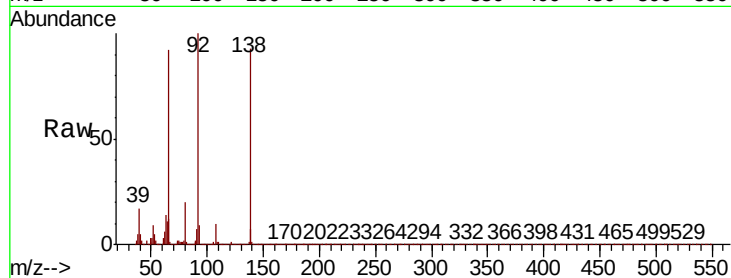




#53
3-Nitroaniline
Concen: 27.905 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

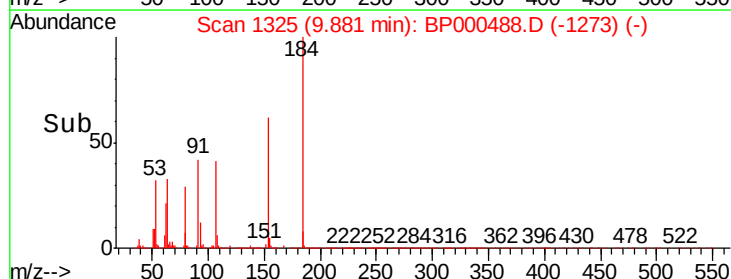
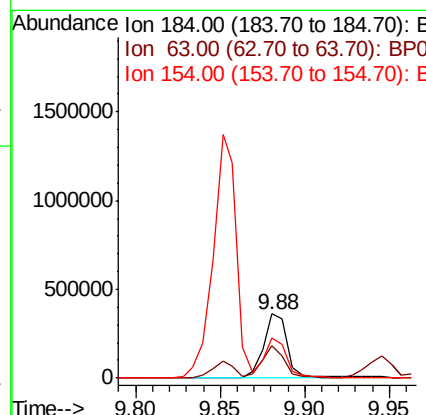
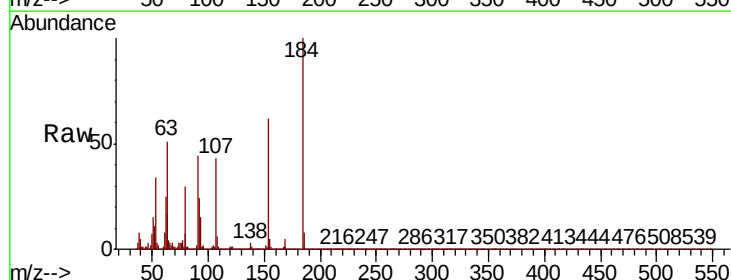
Instrument :
BNA_P
ClientSampled :

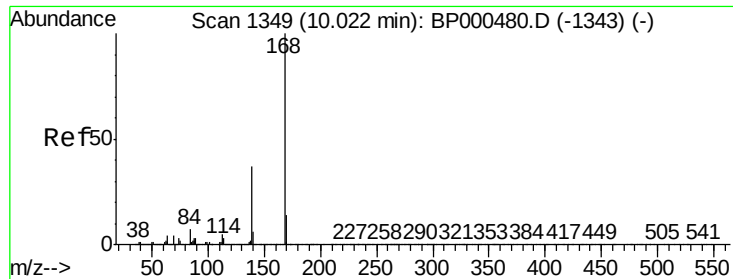
Tot Ion:138 Resp: 295448
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 108.1 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 115.706 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:184 Resp: 356759
Ion Ratio Lower Upper
184 100
63 50.9 41.0 61.4
154 61.9 49.8 74.8

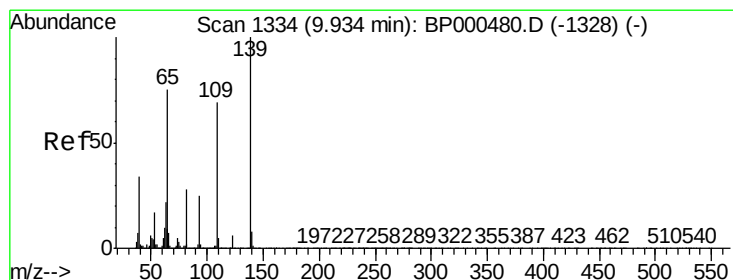
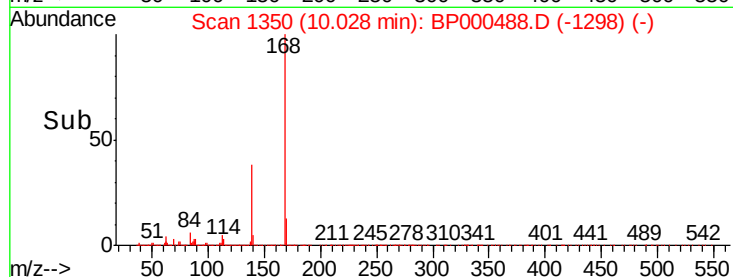
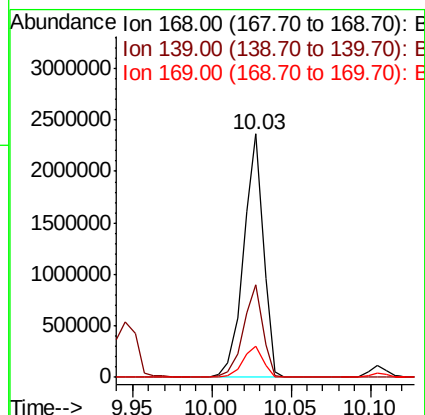
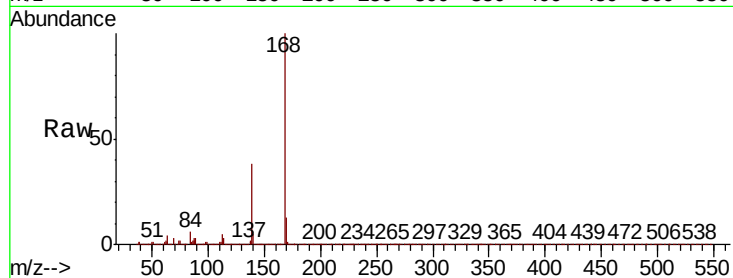




#55
Dibenzofuran
Concen: 41.657 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

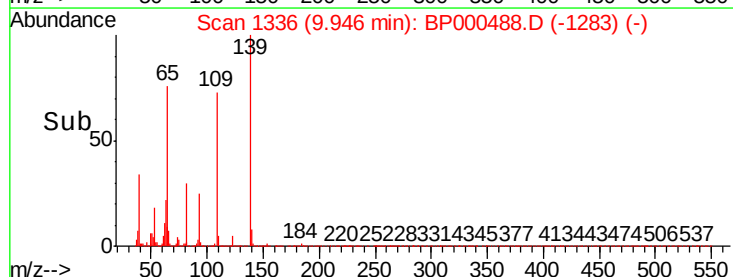
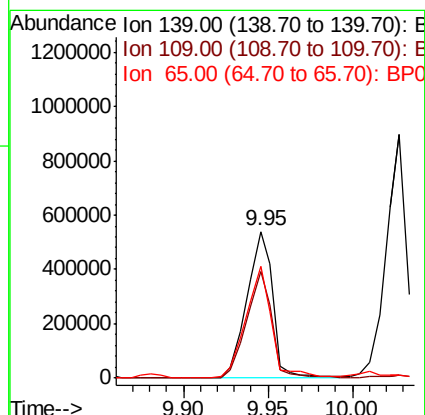
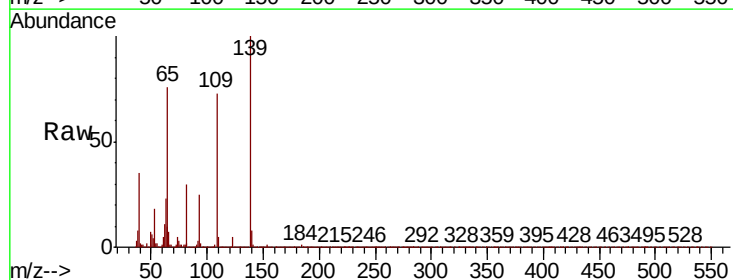
Instrument :
BNA_P
ClientSampleId :

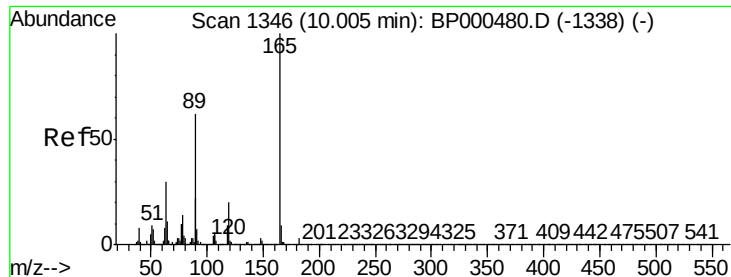
Tot Ion:168 Resp: 2028410
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3
169 13.0 11.1 16.7



#56
4-Nitrophenol
Concen: 85.821 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:139 Resp: 580115
Ion Ratio Lower Upper
139 100
109 72.7 48.6 88.6
65 76.4 55.3 95.3





#57

2,4-Dinitrotoluene

Concen: 42.210 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 517136

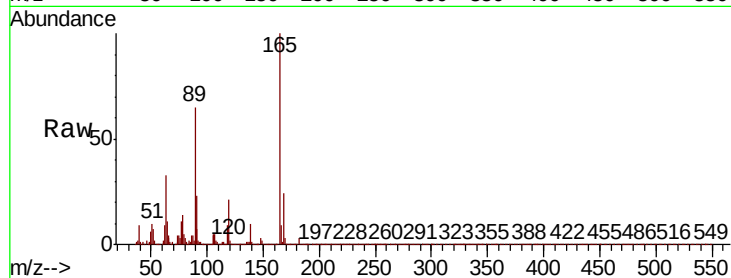
Ion Ratio Lower Upper

165 100

63 32.8 24.2 36.4

89 64.5 49.4 74.0

182 3.0 2.5 3.7

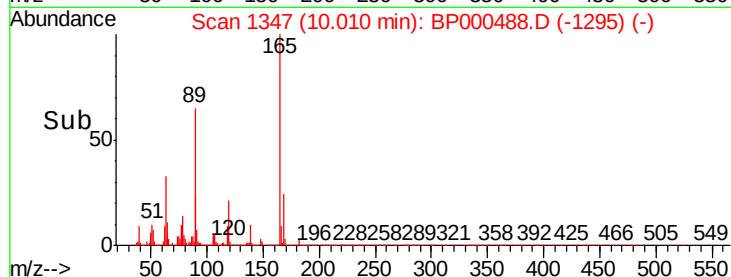


Abundance Ion 165.00 (164.70 to 165.70): E

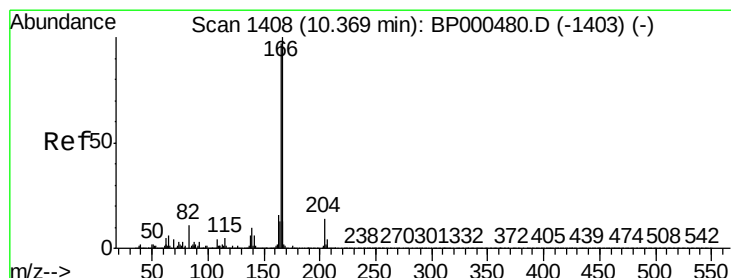
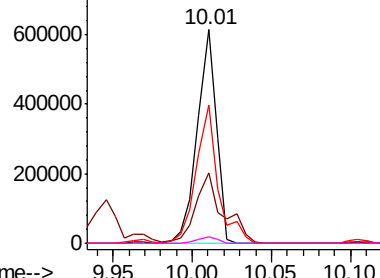
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 42.502 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

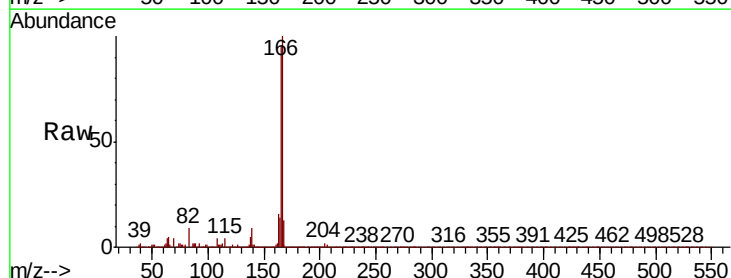
Tgt Ion:166 Resp: 1475001

Ion Ratio Lower Upper

166 100

165 95.3 77.3 115.9

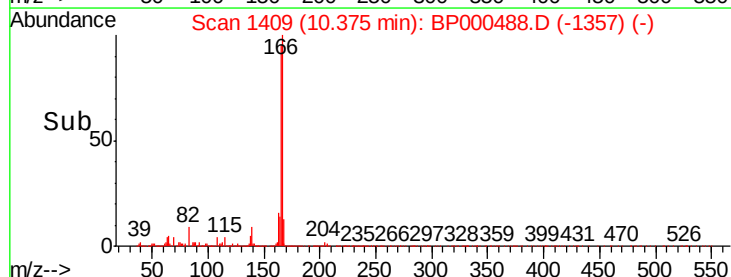
167 12.9 10.6 16.0



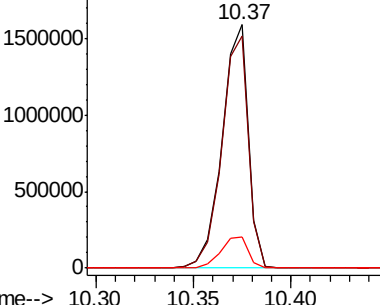
Abundance Ion 166.00 (165.70 to 166.70): E

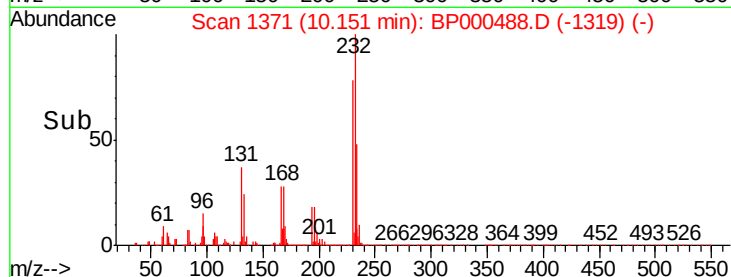
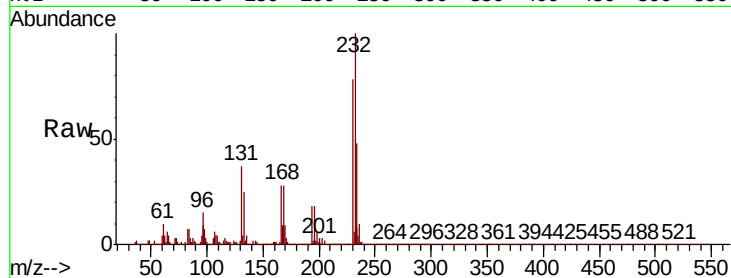
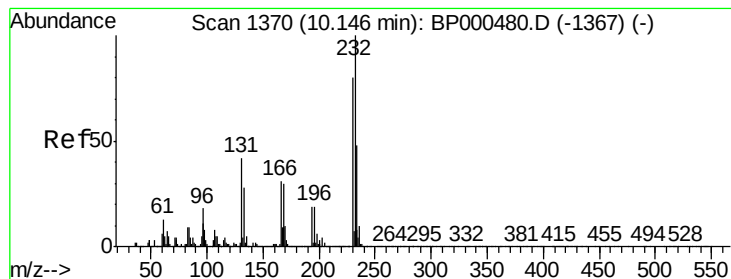
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.172 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 468437

Ion Ratio Lower Upper

232 100

131 39.0 32.1 48.1

130 2.0 1.6 2.4

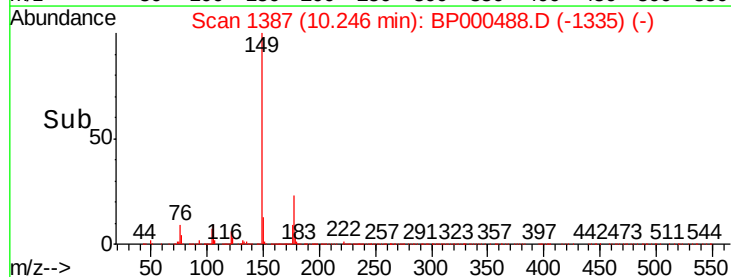
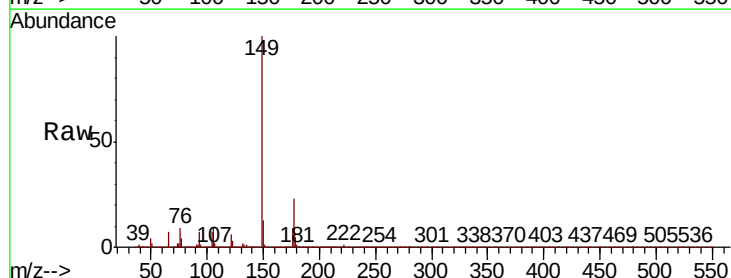
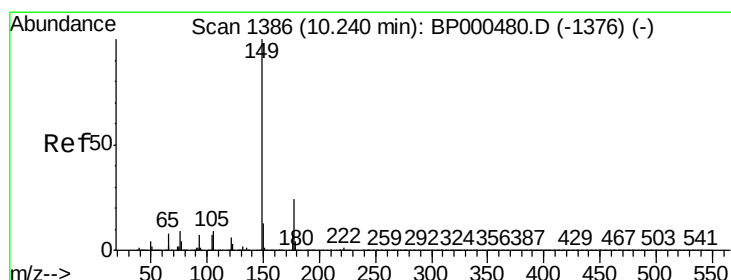
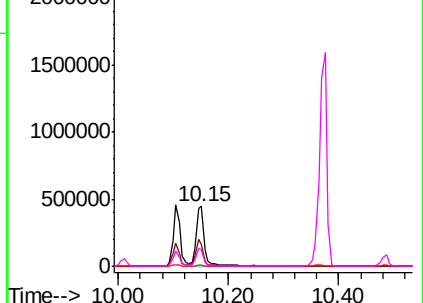
166 27.8 23.0 34.4

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.819 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion:149 Resp: 1641854

Ion Ratio Lower Upper

149 100

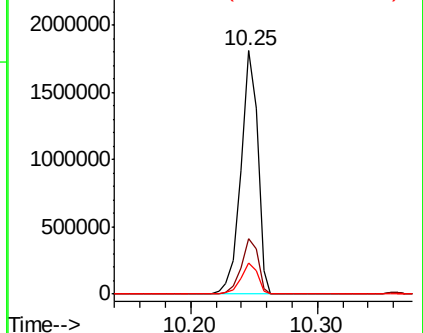
177 22.9 19.0 28.6

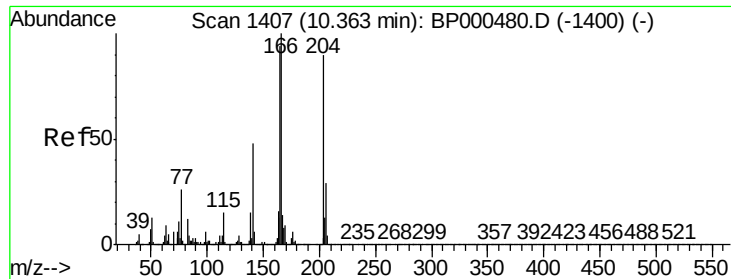
150 12.7 10.8 16.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

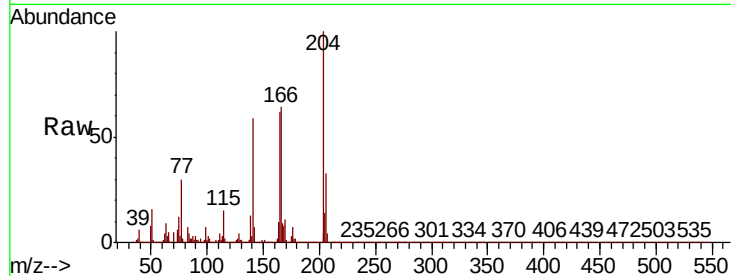




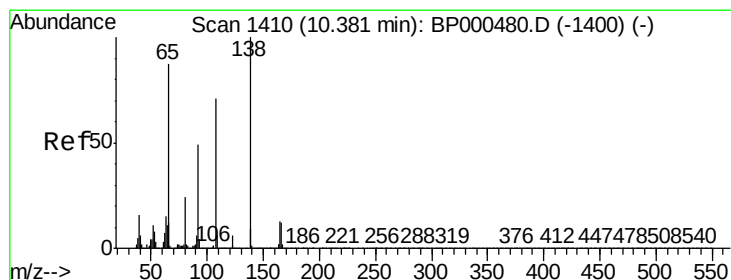
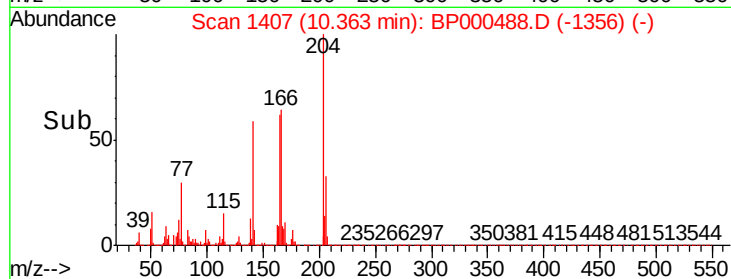
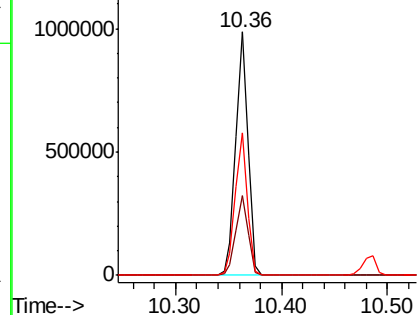
#61
4-Chlorophenyl-phenylether
Concen: 42.071 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	58.6	42.8	64.2

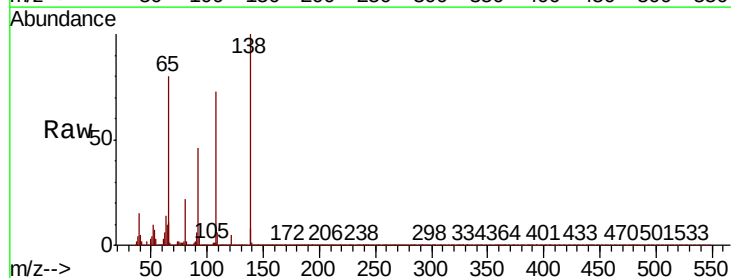


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

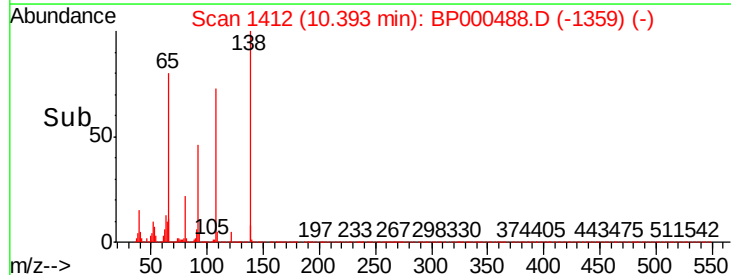
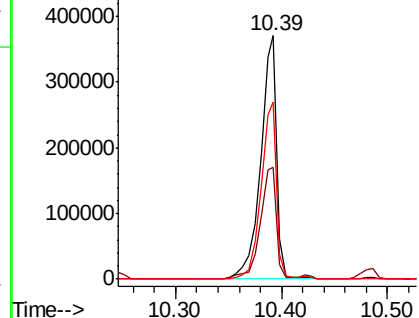


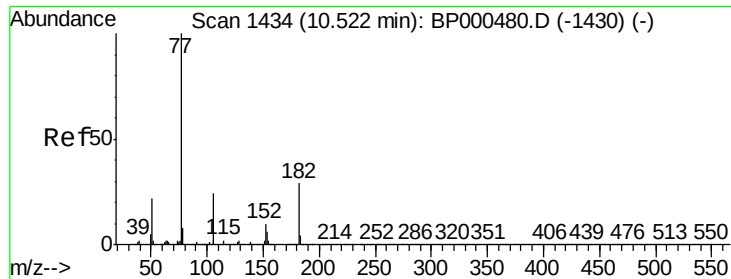
#62
4-Nitroaniline
Concen: 39.066 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	28.7	68.7
108	72.7	50.6	90.6



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

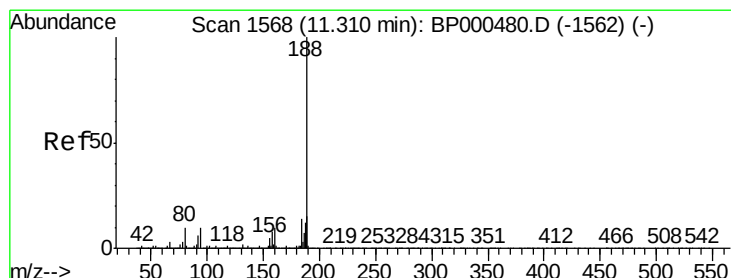
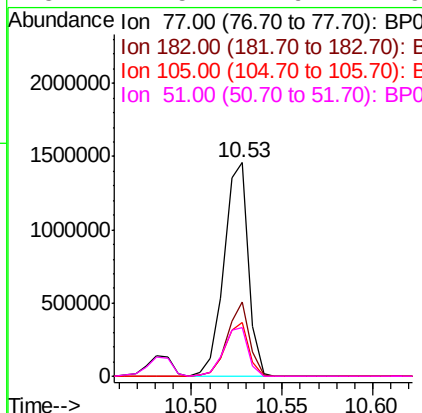
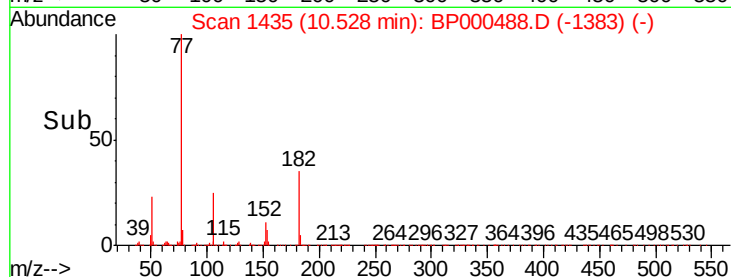
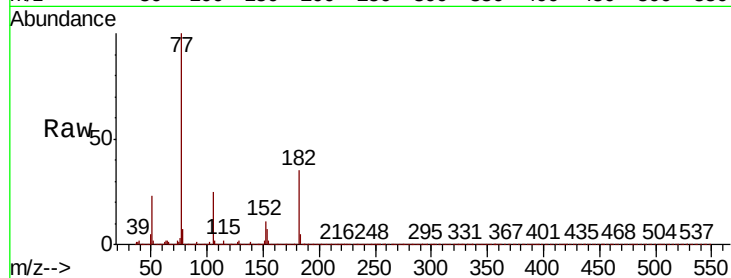




#63
Azobenzene
Concen: 44.063 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

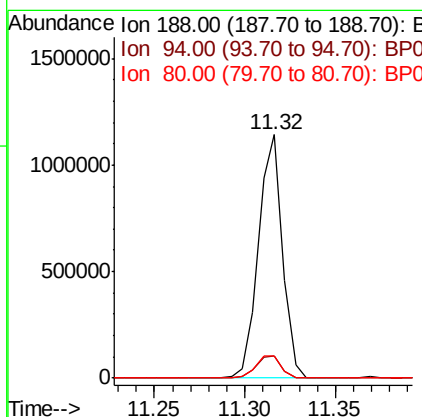
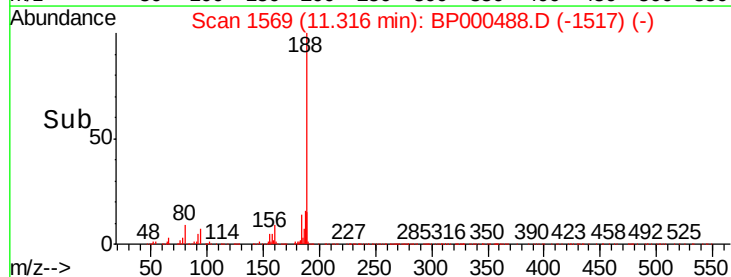
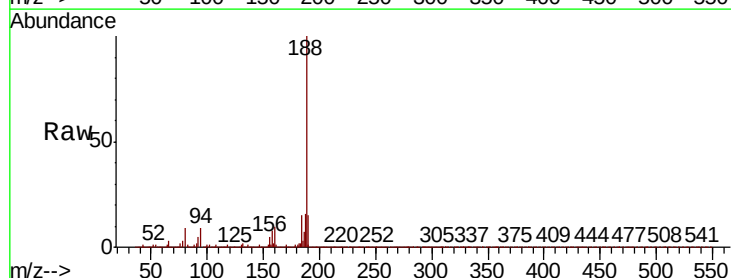
Instrument :
BNA_P
ClientSampleId :

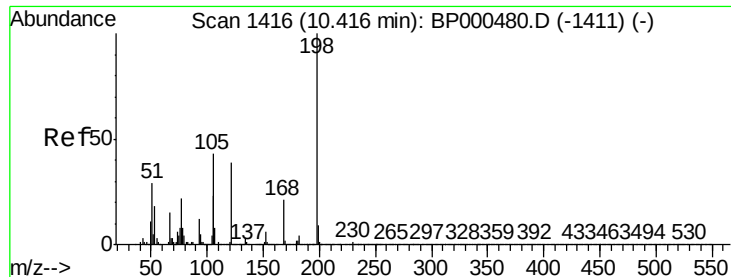
Tot Ion: 77 Resp: 1360723
Ion Ratio Lower Upper
77 100
182 34.7 9.0 49.0
105 25.0 3.8 43.8
51 22.5 1.9 41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion: 188 Resp: 1049150
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.3 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 55.257 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

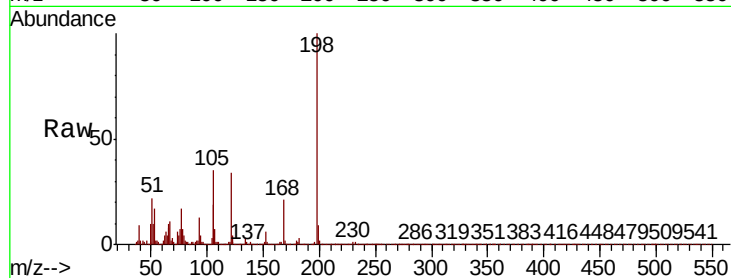
Tot Ion:198 Resp: 256992

Ion	Ratio	Lower	Upper
198	100		
51	22.1	12.8	52.8
105	35.5	24.0	64.0

198 100

51 22.1 12.8 52.8

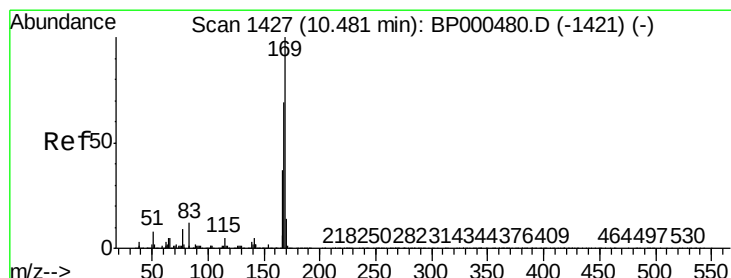
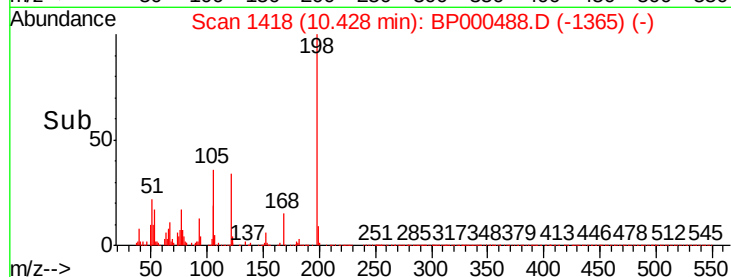
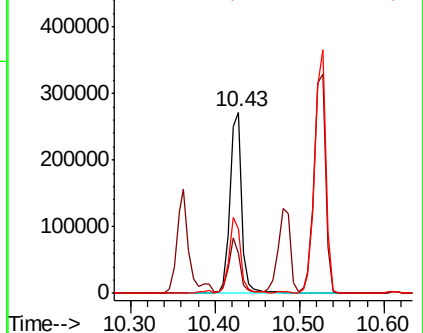
105 35.5 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.987 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

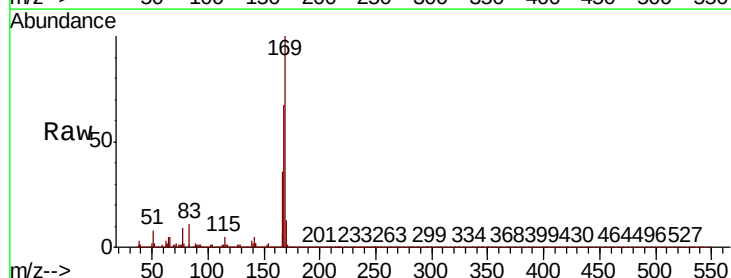
Tgt Ion:169 Resp: 1374639

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.4	83.2
167	36.5	29.4	44.2

169 100

168 67.0 55.4 83.2

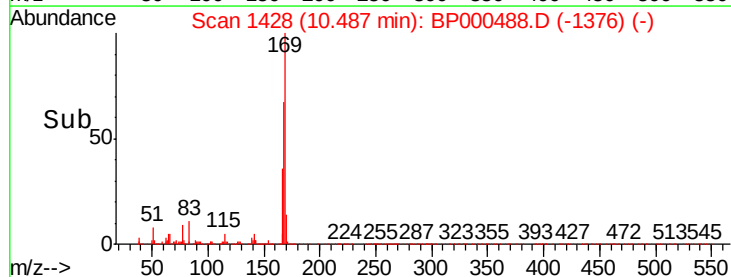
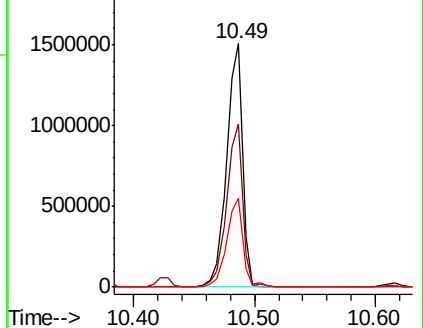
167 36.5 29.4 44.2

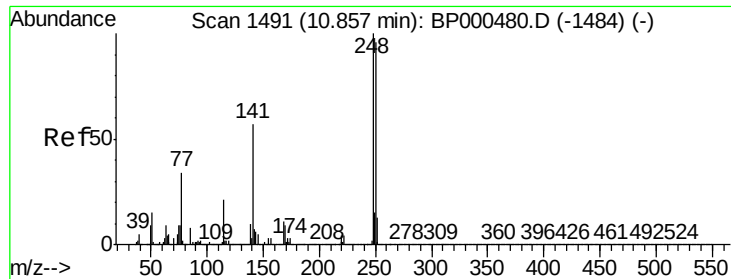


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

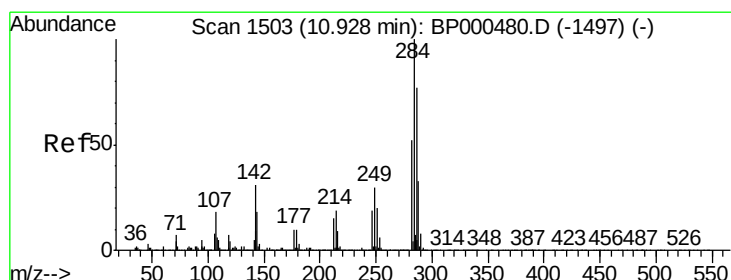
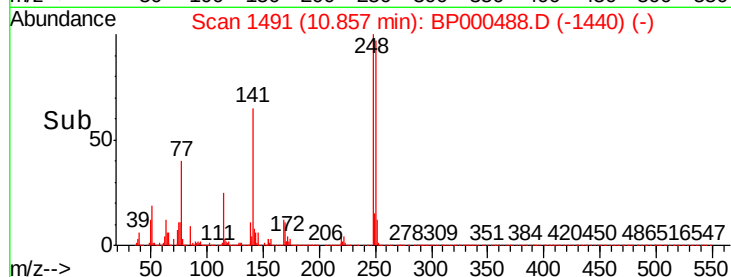
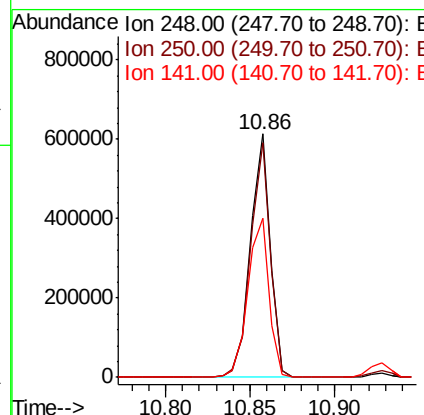
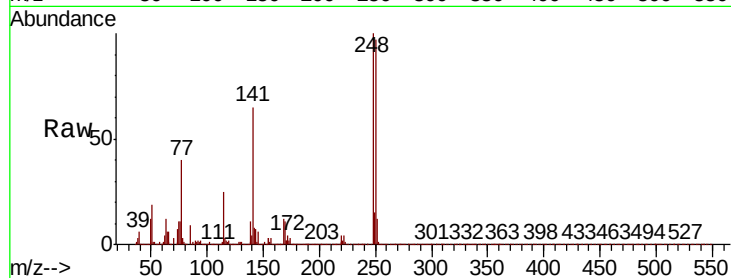




#67
4-Bromophenyl-phenylether
Concen: 43.104 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

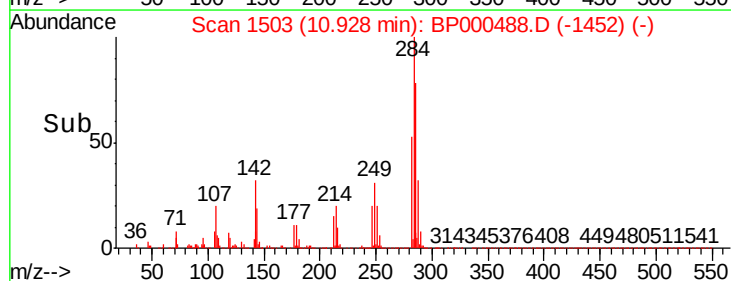
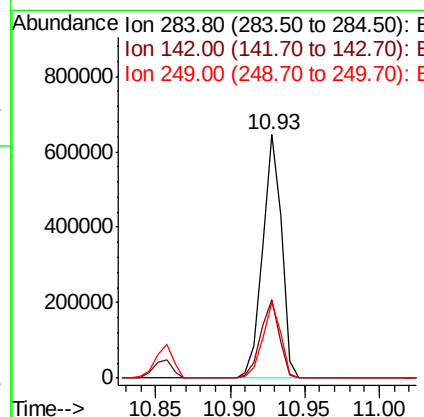
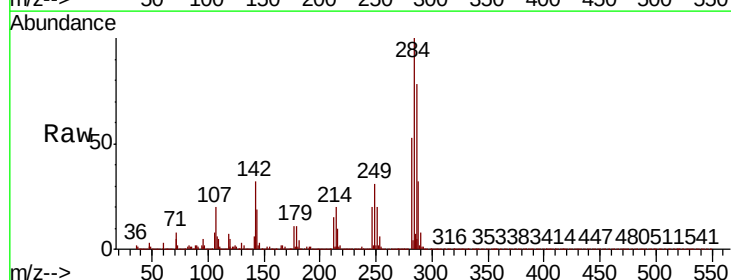
Instrument :
BNA_P
ClientSampleId :

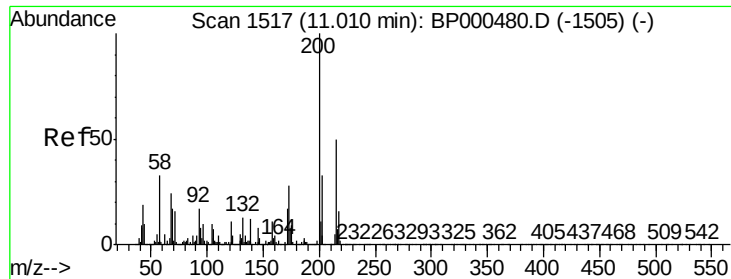
Tot Ion:248 Resp: 509061
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 65.5 45.3 67.9



#68
Hexachlorobenzene
Concen: 41.483 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:284 Resp: 556730
Ion Ratio Lower Upper
284 100
142 32.0 24.6 37.0
249 31.3 24.1 36.1





#69

Atrazine

Concen: 42.796 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

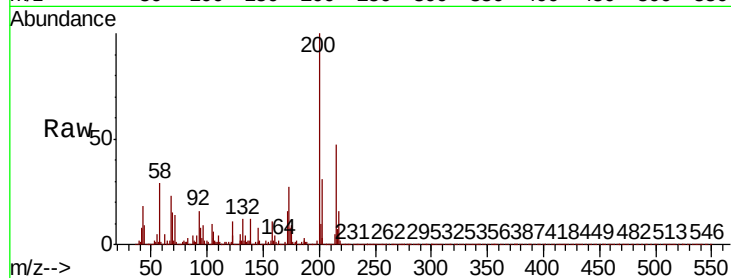
Tot Ion:200 Resp: 429145

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

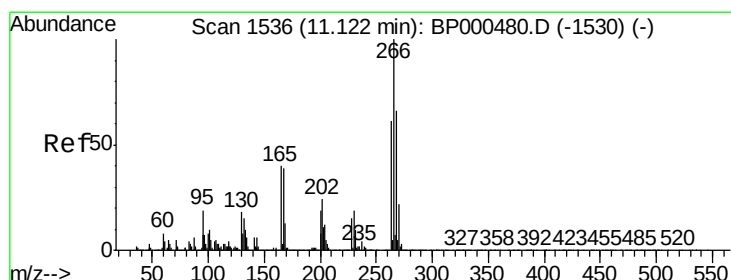
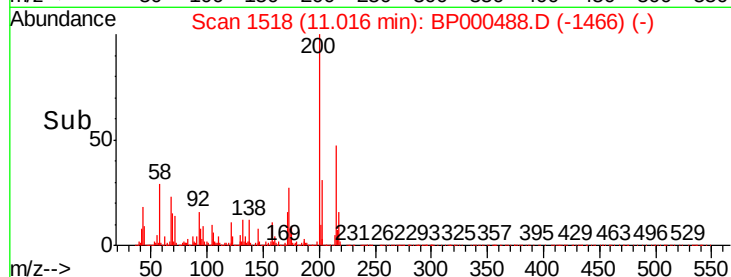
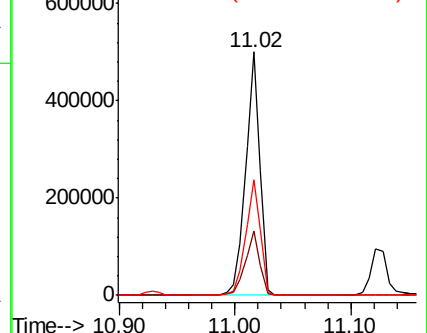
215 47.5 29.5 69.5



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: 100.858 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

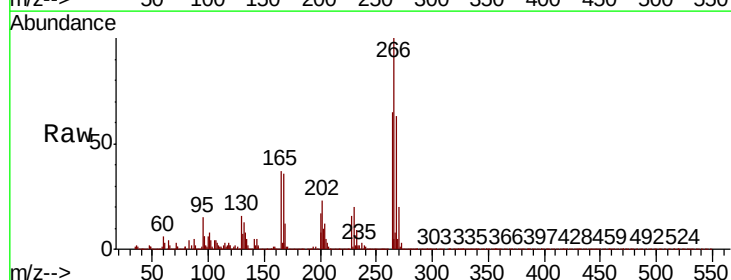
Tgt Ion:266 Resp: 543658

Ion Ratio Lower Upper

266 100

268 63.3 53.2 79.8

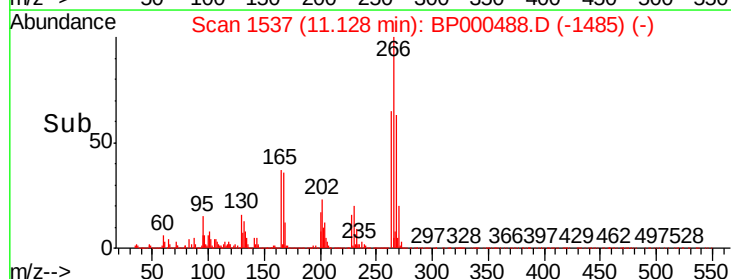
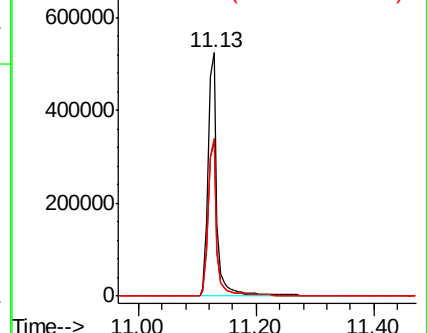
264 64.7 49.0 73.4

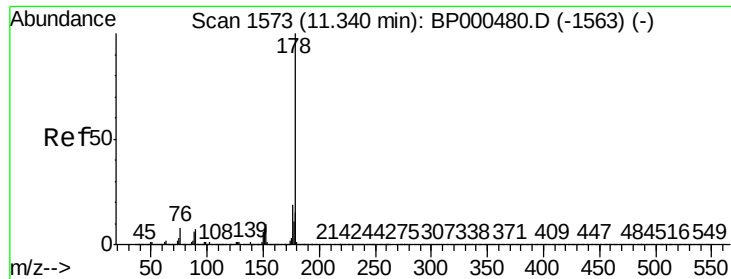


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

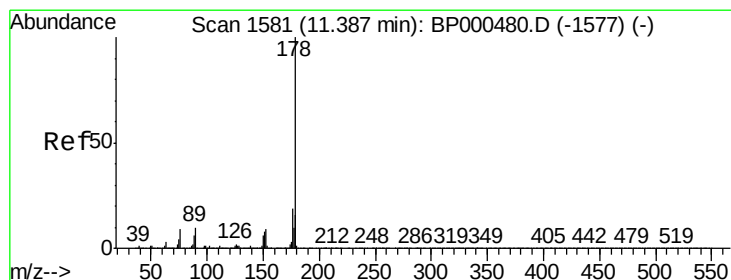
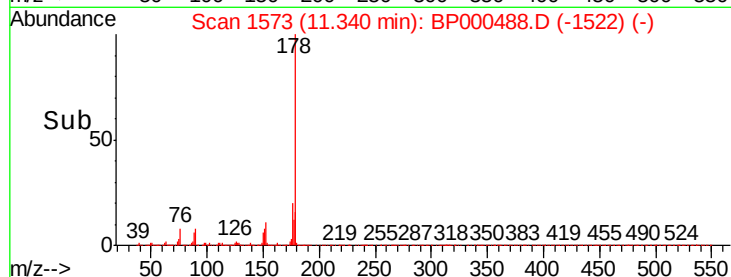
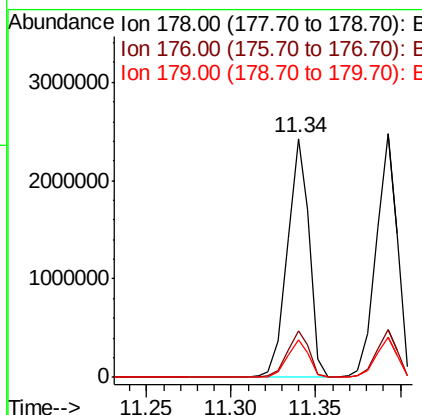
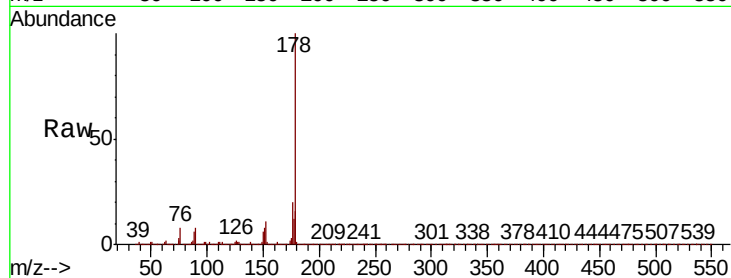




#71
Phenanthrene
Concen: 41.402 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

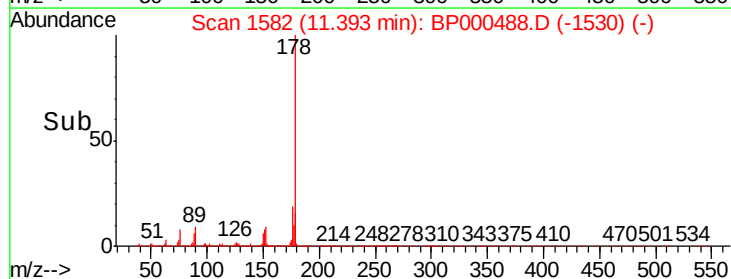
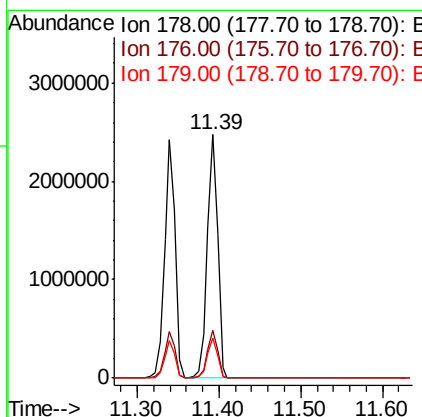
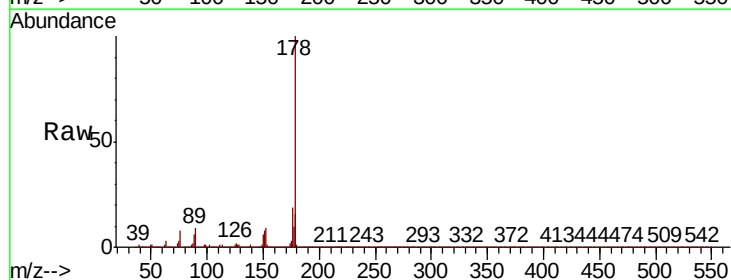
Instrument :
BNA_P
ClientSampleId :

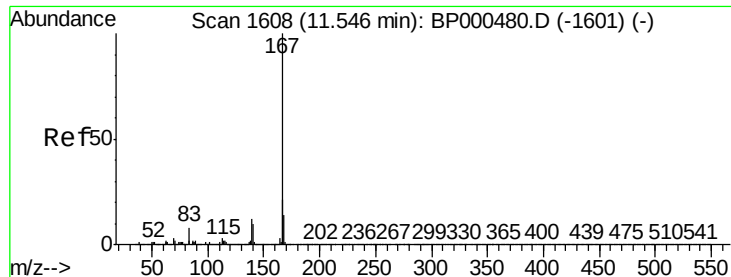
Tot Ion:178 Resp: 2181517
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.2 18.4



#72
Anthracene
Concen: 41.387 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:178 Resp: 2162256
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.3 12.6 19.0

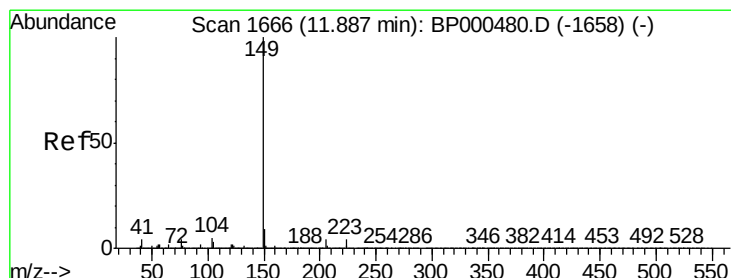
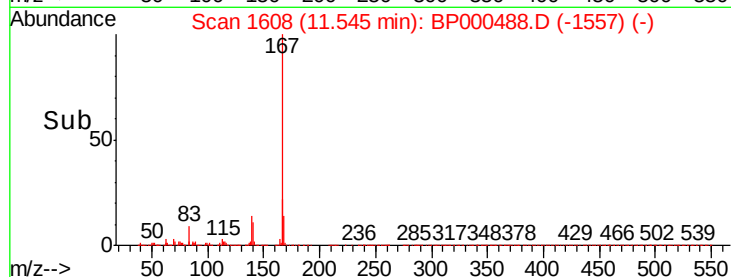
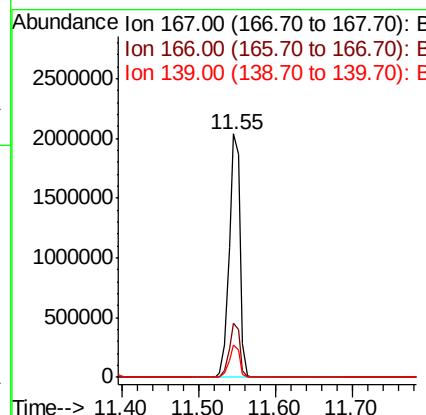
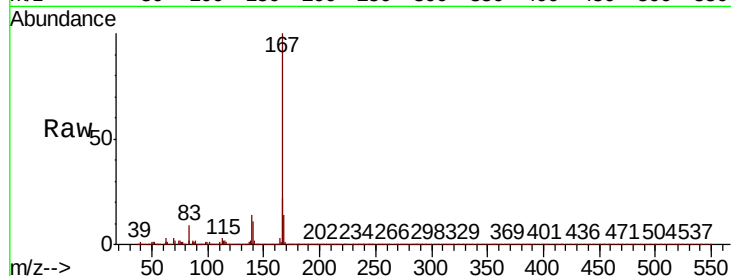




#73
 Carbazole
 Concen: 41.063 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

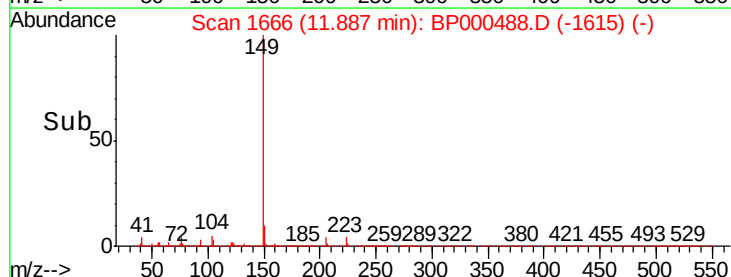
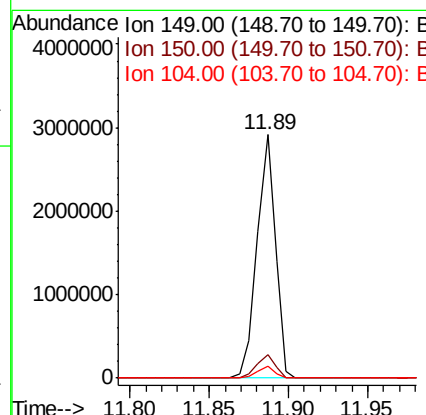
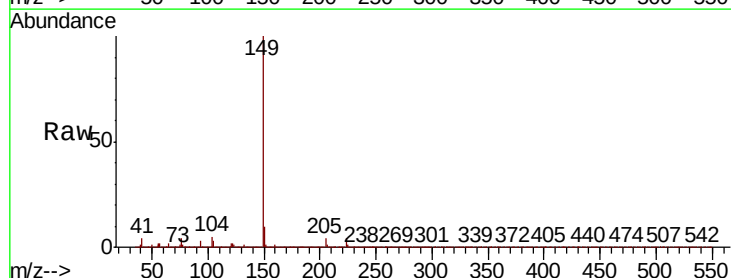
Instrument :
 BNA_P
 ClientSampleId :

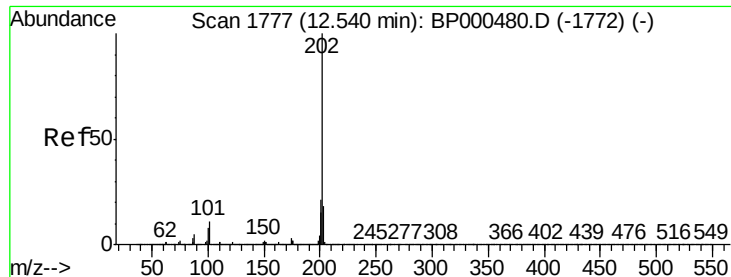
Tot Ion:167 Resp: 1988674
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.9 25.3
 139 13.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.874 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion:149 Resp: 2352400
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 36.094 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

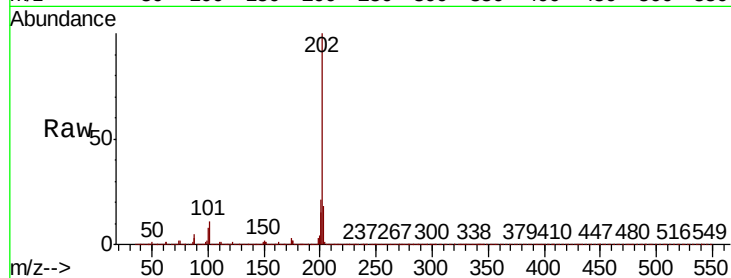
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2135948

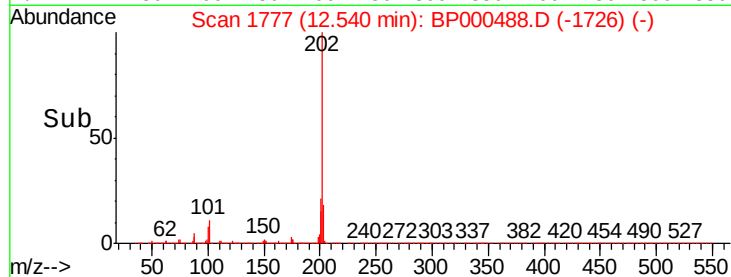
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	18.0	0.0	38.1



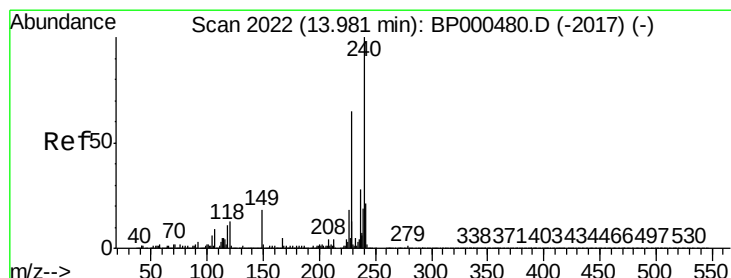
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

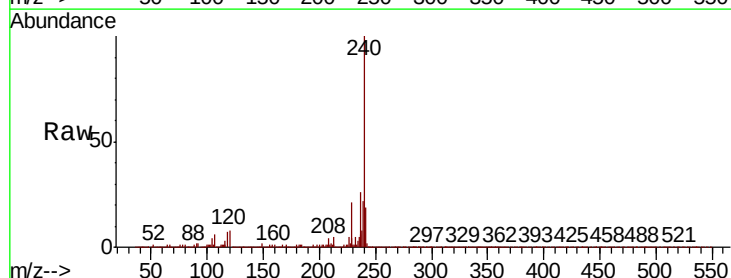
Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion:240 Resp: 456279

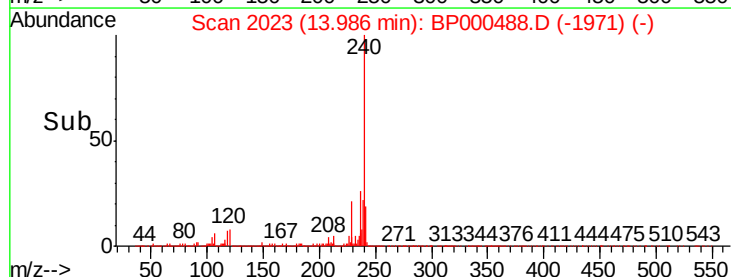
Ion	Ratio	Lower	Upper
240	100		
120	7.8	10.1	15.1#
236	26.1	22.7	34.1



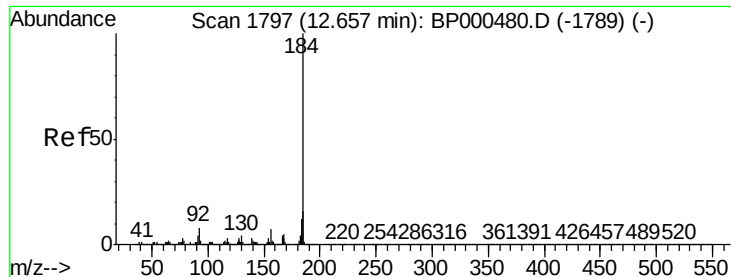
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 27.936 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

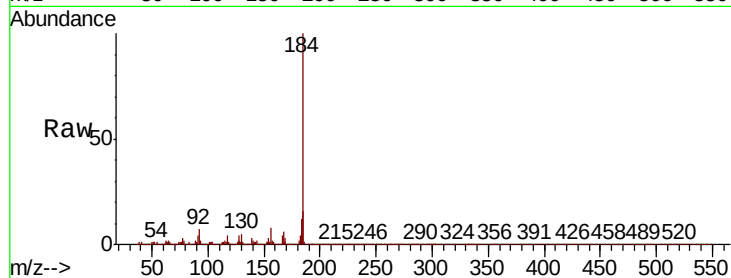
Tot Ion:184 Resp: 369111

Ion Ratio Lower Upper

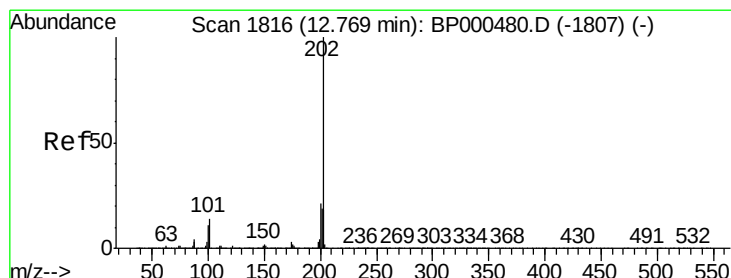
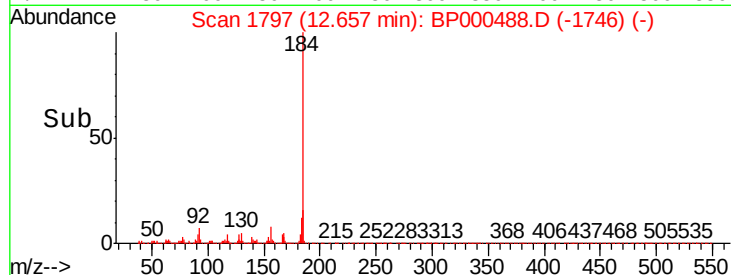
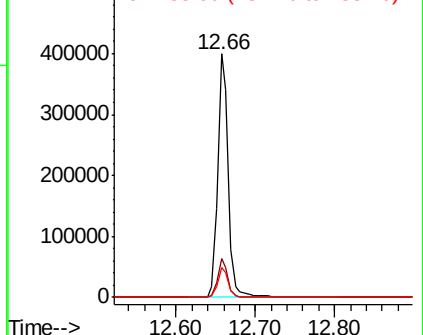
184 100

185 15.7 12.7 19.1

183 12.0 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.571 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

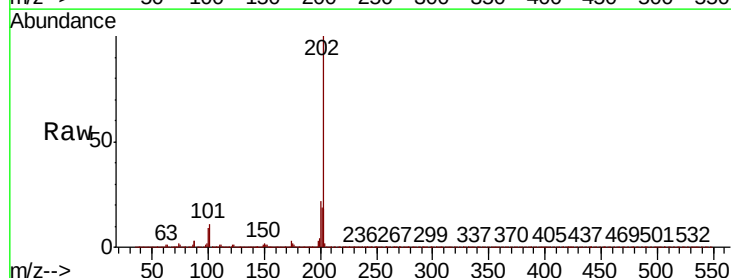
Tgt Ion:202 Resp: 1371162

Ion Ratio Lower Upper

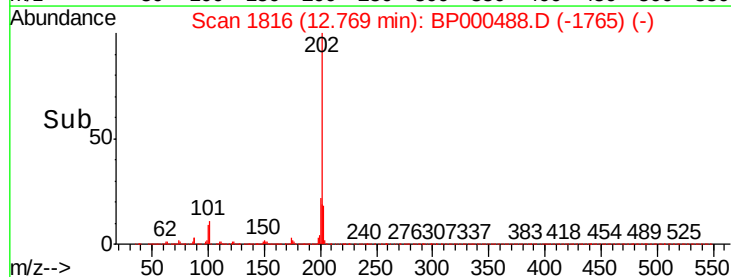
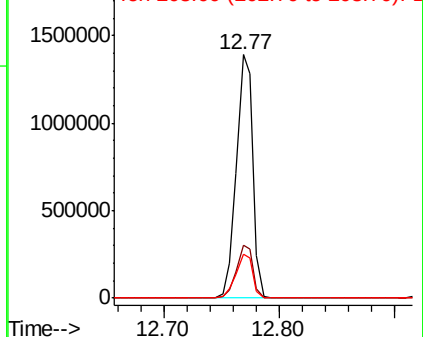
202 100

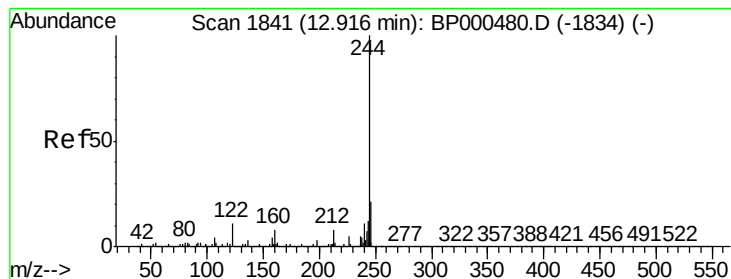
200 21.6 17.1 25.7

203 18.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.628 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

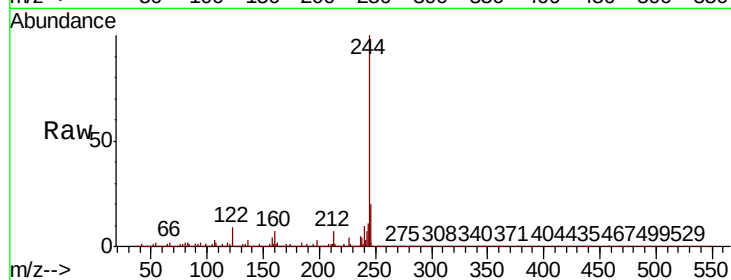
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 1726827

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

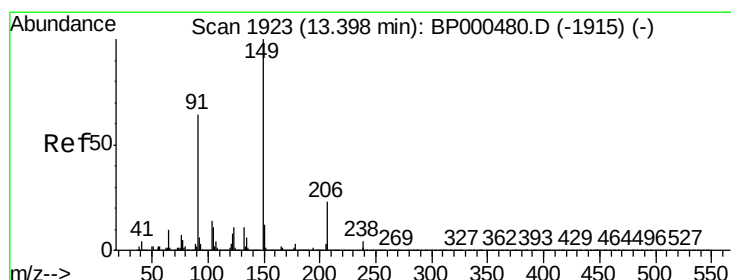
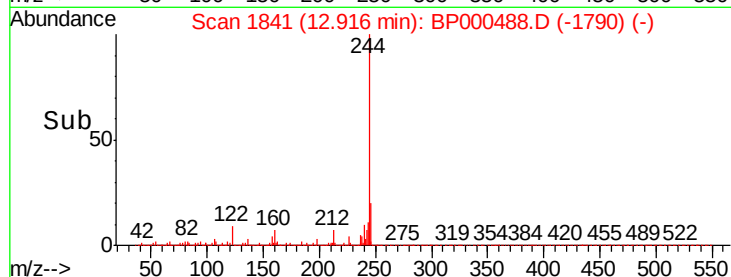
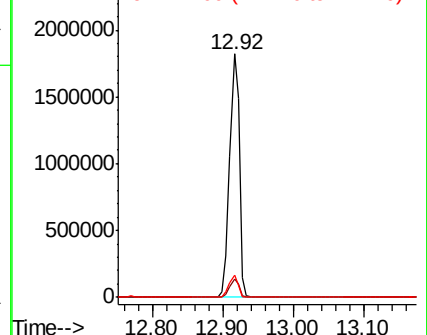


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.267 ng

RT: 13.40 min Scan# 1923

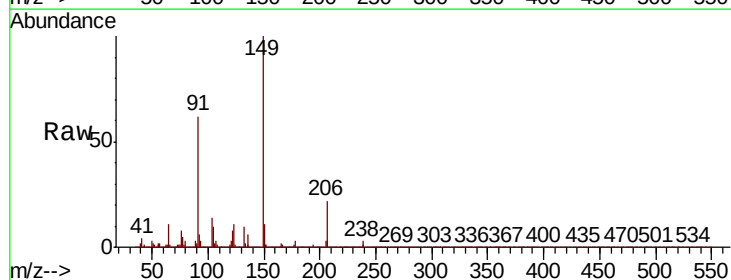
Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion:149 Resp: 565898

Ion	Ratio	Lower	Upper
149	100		
91	61.5	51.0	76.4
206	21.7	18.2	27.4

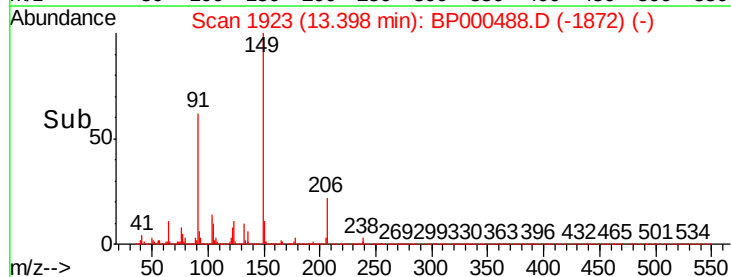
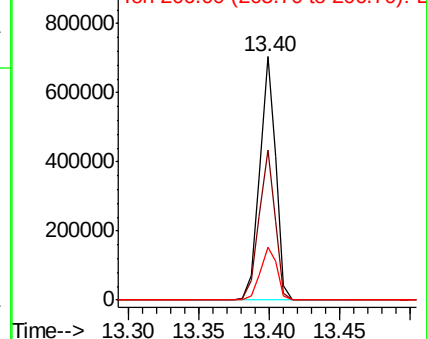


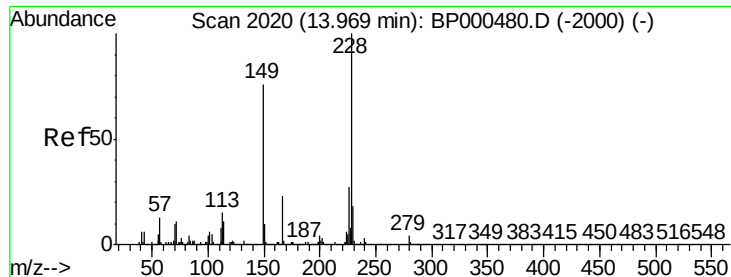
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.158 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

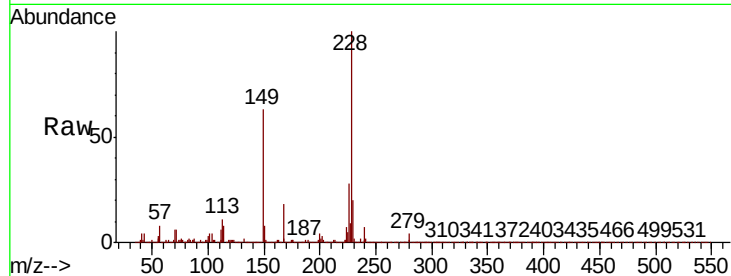
Tot Ion:228 Resp: 1201512

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.2

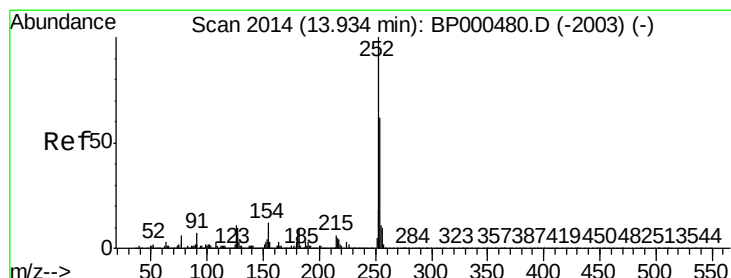
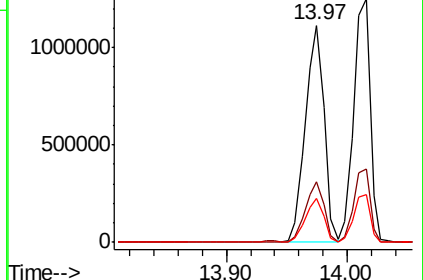
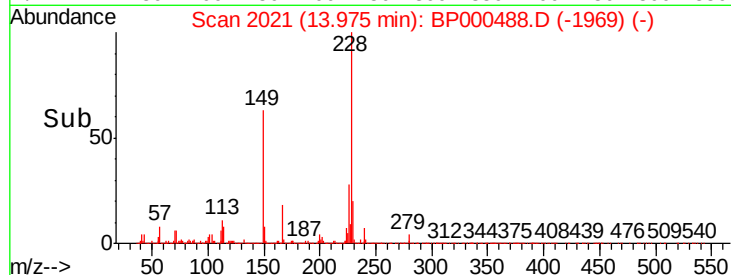
229 20.3 14.7 22.1



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: 39.866 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

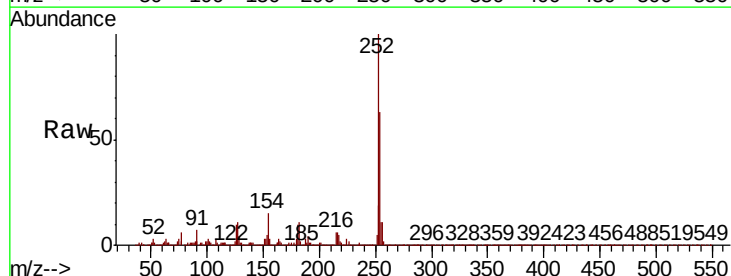
Tgt Ion:252 Resp: 440844

Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

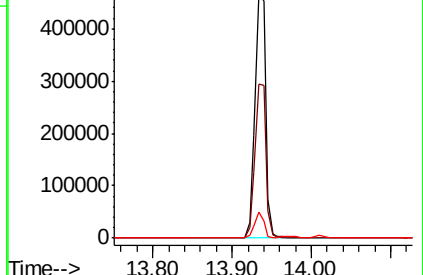
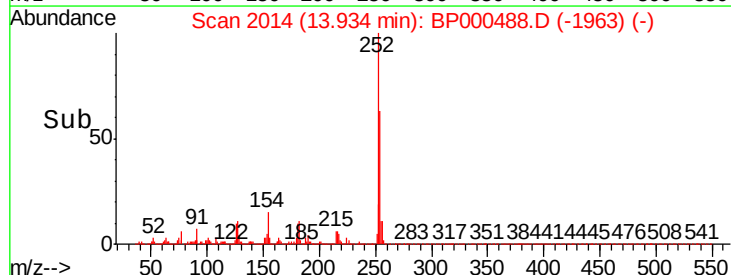
126 10.5 8.9 13.3

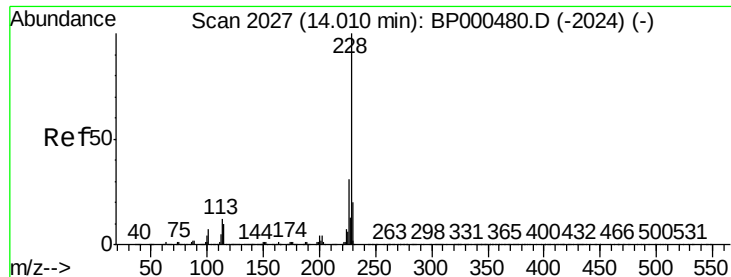


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



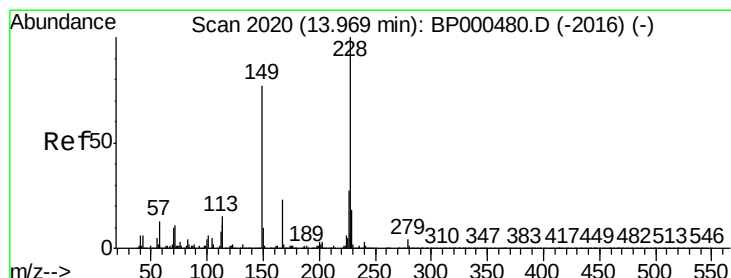
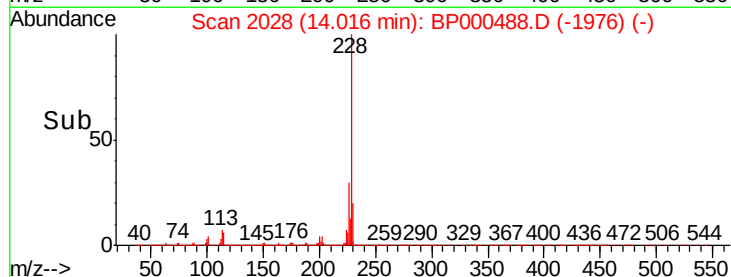
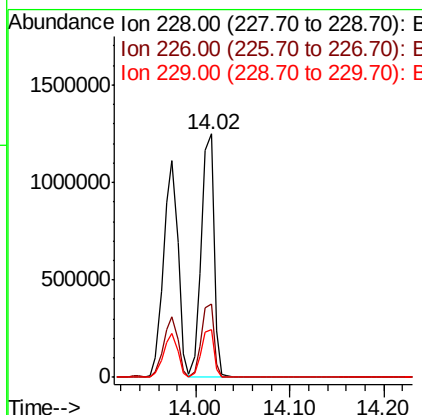
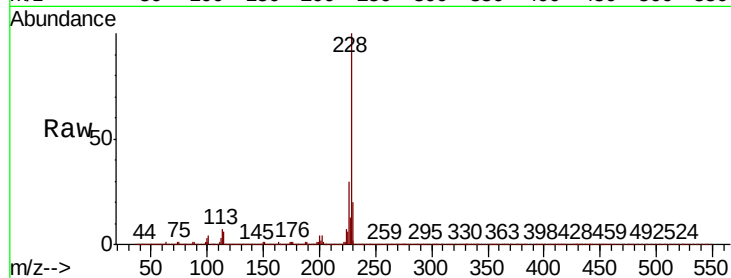


#83
 Chrysene
 Concen: 43.043 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1176112

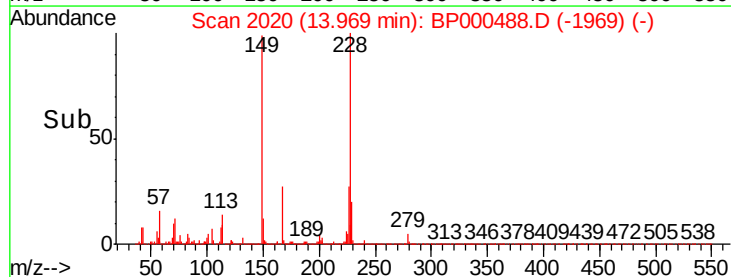
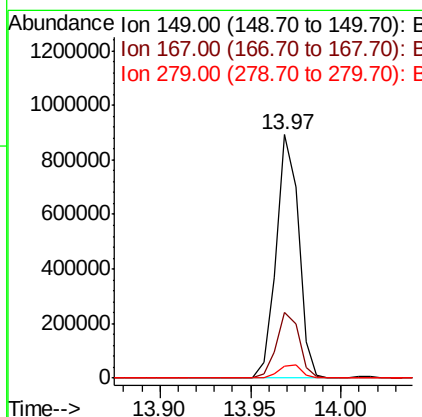
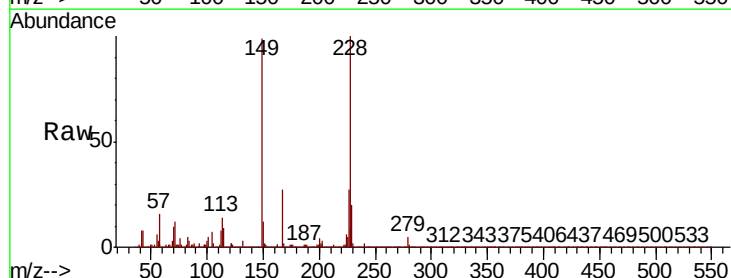
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	19.6	16.3	24.5

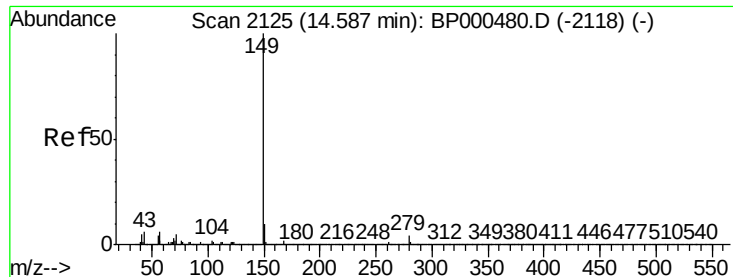


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.485 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BP000488.D
 Acq: 01 Oct 2019 19:01

Tgt Ion:149 Resp: 767215

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.6	35.4
279	4.9	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 42.157 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Instrument :

BNA_P

ClientSampleId :

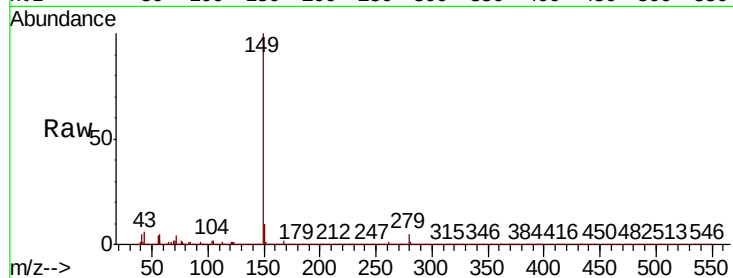
Tot Ion:149 Resp: 1317852

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

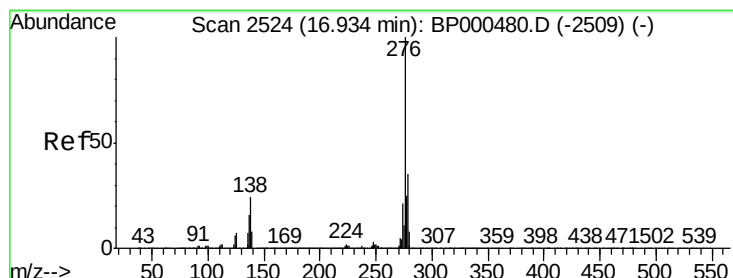
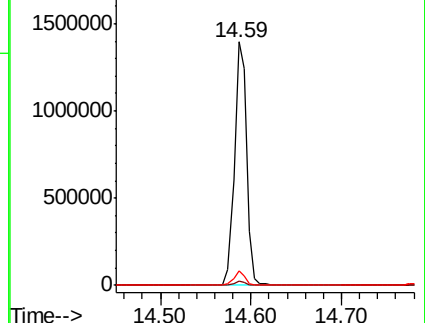
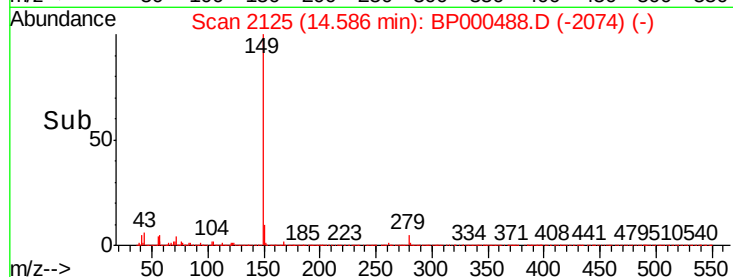
43 5.4 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.708 ng

RT: 16.95 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

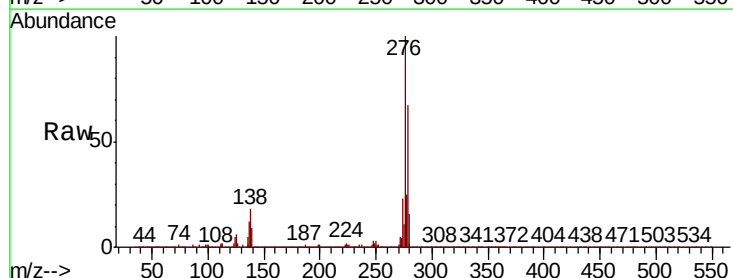
Tgt Ion:276 Resp: 1389436

Ion Ratio Lower Upper

276 100

138 18.7 20.9 31.3#

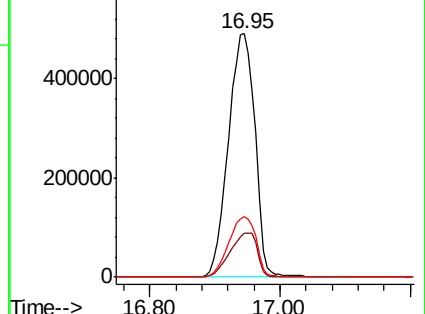
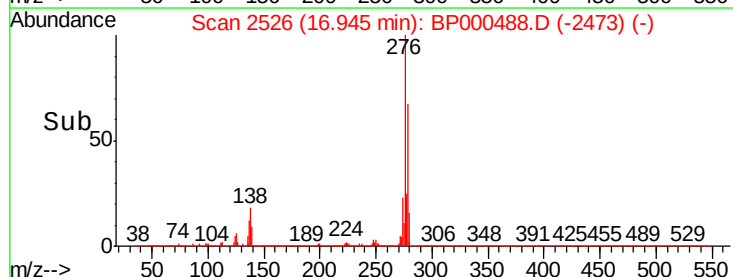
277 25.6 20.6 30.8

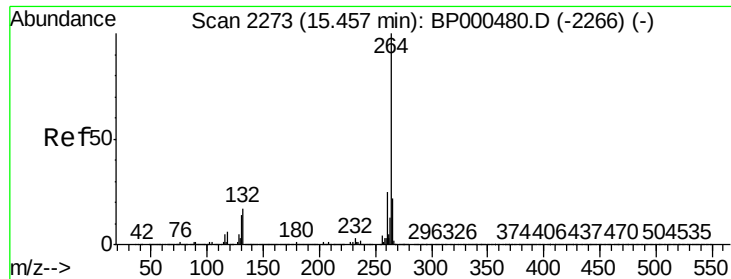


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



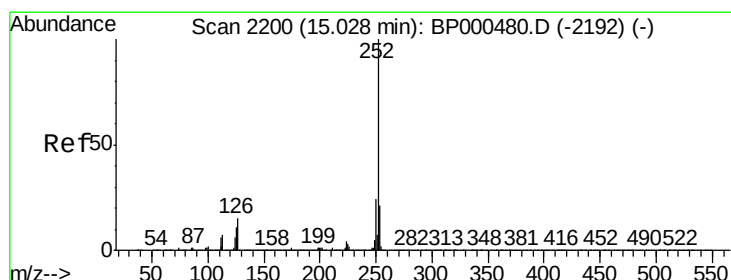
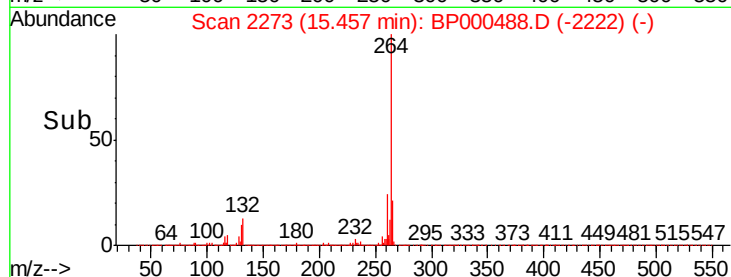
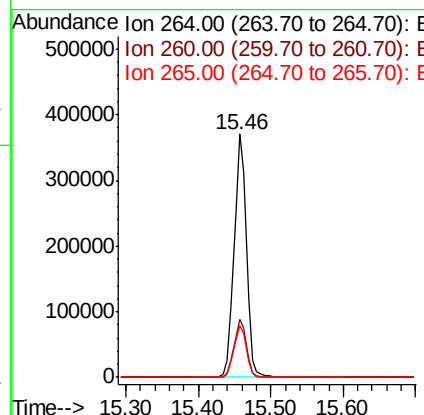
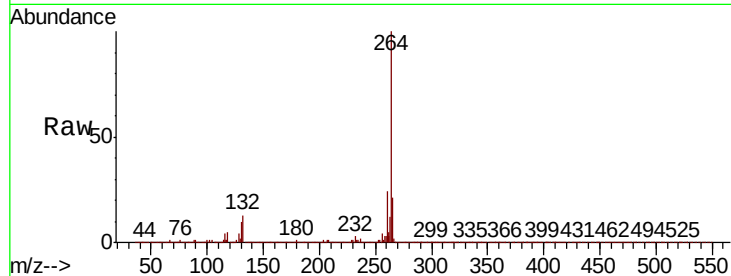


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Instrument :
BNA_P
ClientSampled :

Tot Ion:264 Resp: 437301

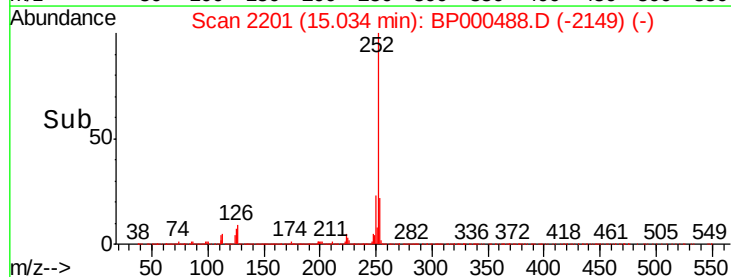
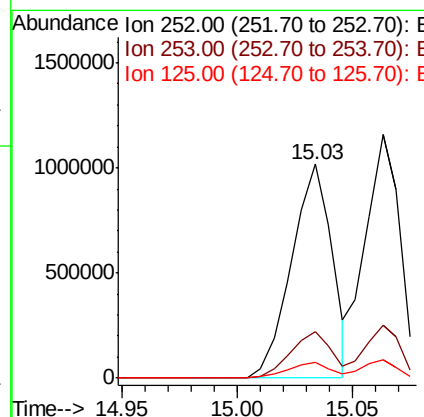
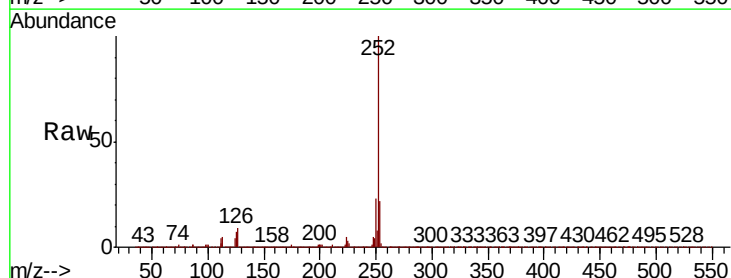
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	21.1	18.0	27.0

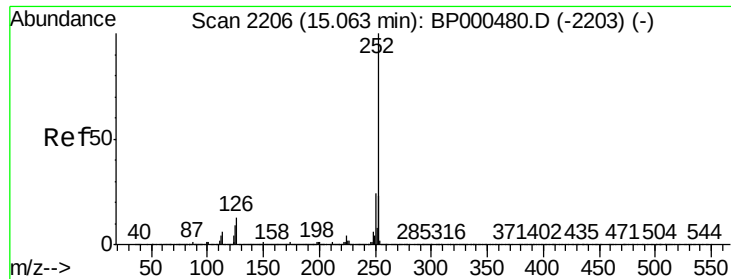


#88
Benzo(b)fluoranthene
Concen: 50.037 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:252 Resp: 1241382

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	7.3	8.9	13.3

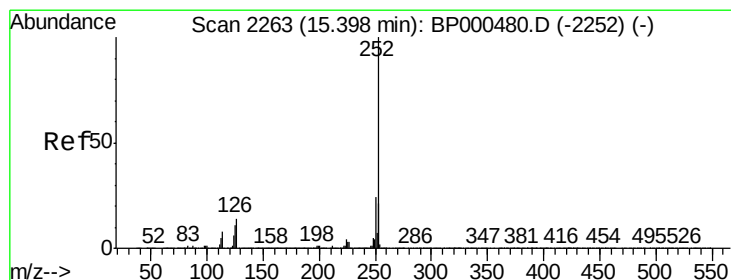
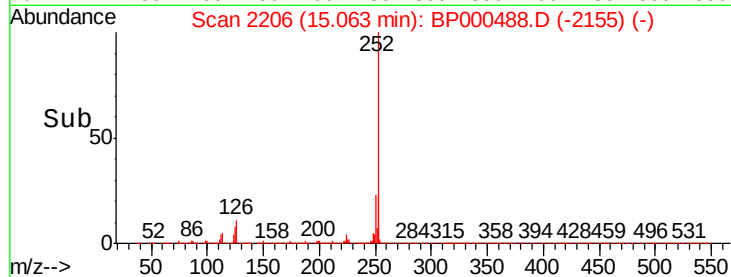
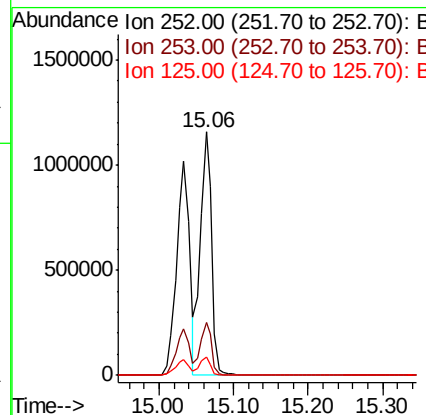
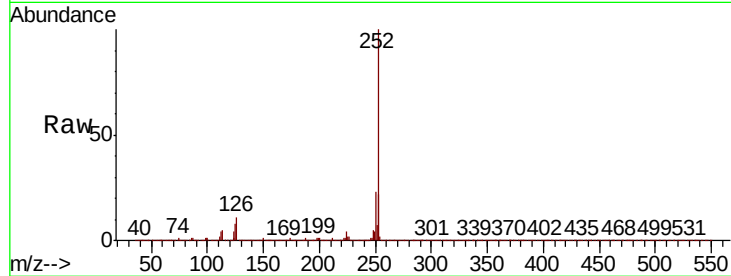




#89
Benzo(k)fluoranthene
Concen: 51.966 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

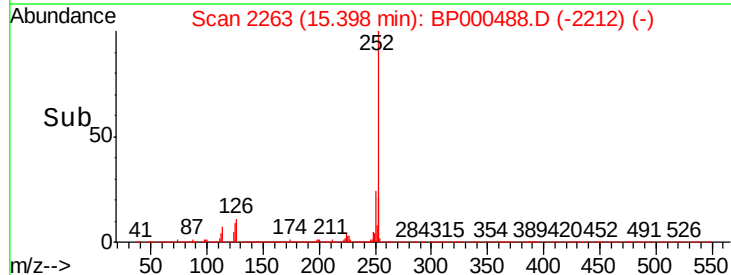
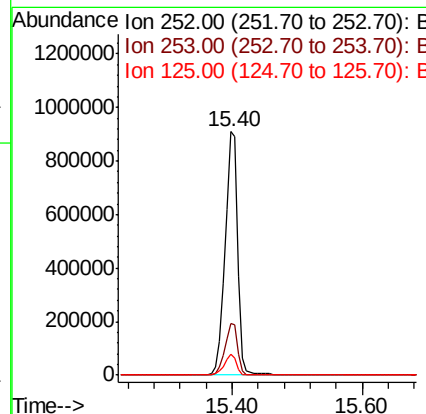
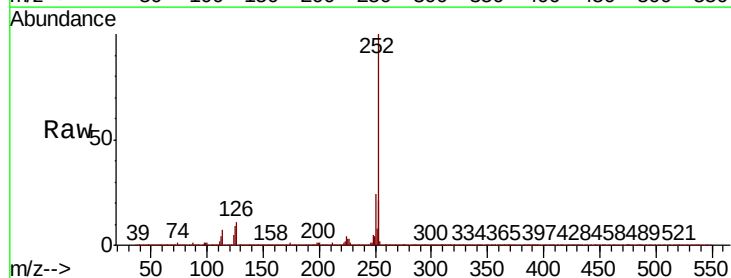
Instrument :
BNA_P
ClientSampleId :

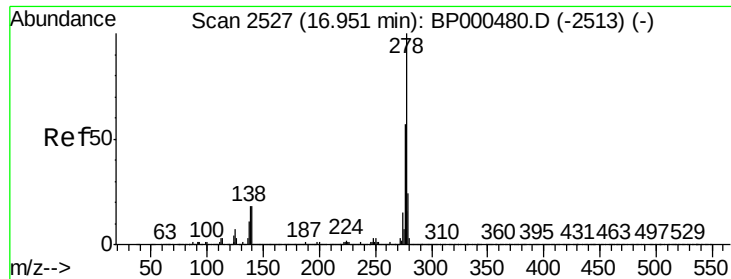
Tot Ion:252 Resp: 1227419
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 7.7 7.8 11.8#



#90
Benzo(a)pyrene
Concen: 52.173 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BP000488.D
Acq: 01 Oct 2019 19:01

Tgt Ion:252 Resp: 1206598
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 8.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.148 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

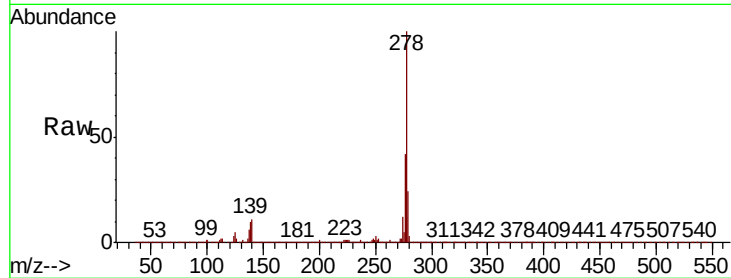
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1147262

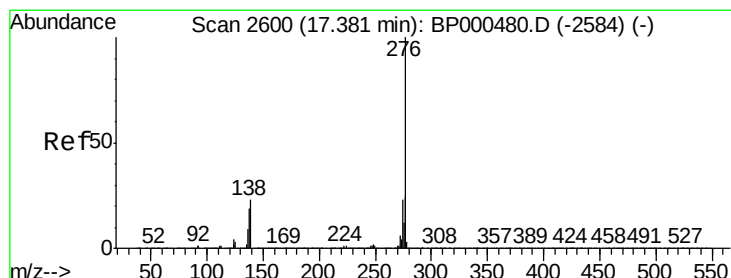
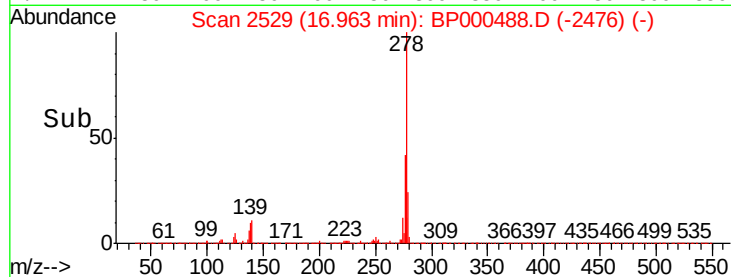
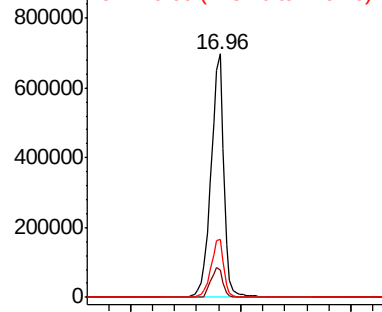
Ion	Ratio	Lower	Upper
278	100		
139	11.2	14.1	21.1#
279	24.0	19.5	29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.182 ng

RT: 17.39 min Scan# 2601

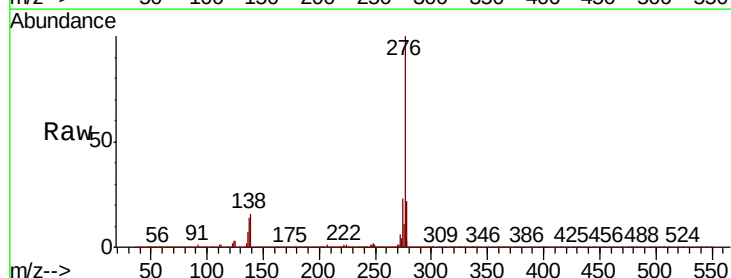
Delta R.T. 0.01 min

Lab File: BP000488.D

Acq: 01 Oct 2019 19:01

Tgt Ion:276 Resp: 1143751

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.4	29.2
138	15.5	18.5	27.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

