

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000245.D
 Acq On : 16 Sep 2019 17:48
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 16 18:20:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	348814	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1297182	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	686343	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1214295	20.00	ng	0.00
76) Chrysene-d12	14.00	240	829780	20.00	ng	0.00
87) Perylene-d12	15.48	264	1026054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2940647	134.43	ng	0.00
7) Phenol-d6	6.43	99	3569423	129.26	ng	0.01
23) Nitrobenzene-d5	7.36	82	2986281	141.26	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1012668	175.05	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5111757	124.38	ng	0.00
79) Terphenyl-d14	12.93	244	5505922	144.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	713729	70.935	ng	99
3) Pyridine	3.26	79	1890906	69.754	ng	100
4) n-Nitrosodimethylamine	3.22	42	540408	61.737	ng	97
6) Aniline	6.46	93	2435063	60.930	ng	98
8) 2-Chlorophenol	6.58	128	1596971	70.606	ng	100
9) Benzaldehyde	6.34	77	845807	49.670	ng	97
10) Phenol	6.45	94	1983910	64.663	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	1595436	65.828	ng	98
12) 1,3-Dichlorobenzene	6.73	146	1921658	72.839	ng	98
13) 1,4-Dichlorobenzene	6.81	146	1924433	73.253	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1692669	70.126	ng	99
15) Benzyl Alcohol	6.93	79	1308682	64.637	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1484281	56.949	ng	97
17) 2-Methylphenol	7.05	107	1393661	71.744	ng	100
18) Hexachloroethane	7.30	117	715297	73.412	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	937428	59.648	ng	98
20) 3+4-Methylphenols	7.20	107	1458334	60.194	ng	96
22) Acetophenone	7.20	105	1990340	64.059	ng	# 94
24) Nitrobenzene	7.38	77	1556634	67.968	ng	95
25) Isophorone	7.62	82	3005185	67.278	ng	100
26) 2-Nitrophenol	7.69	139	881887	98.878	ng	98
27) 2,4-Dimethylphenol	7.73	122	1319057	73.291	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	1951325	67.180	ng	99
29) 2,4-Dichlorophenol	7.93	162	1419461	76.702	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	1618000	76.691	ng	98
31) Naphthalene	8.10	128	4263910	71.643	ng	97
32) Benzoic acid	7.87	122	881874	79.808	ng	99
33) 4-Chloroaniline	8.15	127	1990653	70.918	ng	99
34) Hexachlorobutadiene	8.22	225	971757	81.744	ng	99
35) Caprolactam	8.53	113	491798	74.725	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	1436440	71.138	ng	98
37) 2-Methylnaphthalene	8.79	142	2933120	70.521	ng	99
38) 1-Methylnaphthalene	8.89	142	2769030	70.658	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1451658	74.724	ng	99

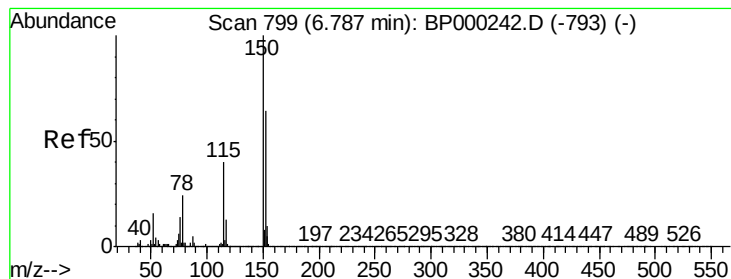
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	886901	82.914	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	1022619	76.331	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	1038639	74.097	nq	99
46) 1,1'-Biphenyl	9.26	154	3394484	70.057	nq	97
47) 2-Chloronaphthalene	9.28	162	2892903	71.925	nq	98
48) 2-Nitroaniline	9.37	65	758820	69.847	nq	100
49) Acenaphthylene	9.70	152	4259346	71.369	nq	97
50) Dimethylphthalate	9.56	163	3447575	73.713	nq	100
51) 2,6-Dinitrotoluene	9.62	165	796651	80.248	nq	90
52) Acenaphthene	9.87	154	2759869	73.697	nq	99
53) 3-Nitroaniline	9.79	138	910145	76.743	nq	93
54) 2,4-Dinitrophenol	9.90	184	393864	125.645	nq	# 90
55) Dibenzofuran	10.05	168	3837889	72.171	nq	97
56) 4-Nitrophenol	9.95	139	691020	81.518	nq	97
57) 2,4-Dinitrotoluene	10.03	165	1037993	81.900	nq	90
58) Fluorene	10.39	166	2709243	67.694	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	836197	78.788	nq	100
60) Diethylphthalate	10.26	149	3230478	69.005	nq	98
61) 4-Chlorophenyl-phenylether	10.38	204	1496431	71.937	nq	98
62) 4-Nitroaniline	10.41	138	875885	77.429	nq	98
63) Azobenzene	10.54	77	2684880	59.889	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	485368	112.589	nq	94
66) n-Nitrosodiphenylamine	10.50	169	2657238	73.656	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	1039638	84.246	nq	96
68) Hexachlorobenzene	10.95	284	1137203	84.575	nq	95
69) Atrazine	11.03	200	369232	35.177	nq	99
70) Pentachlorophenol	11.13	266	614796	84.381	nq	99
71) Phenanthrene	11.36	178	4306136	71.149	nq	97
72) Anthracene	11.41	178	4238230	70.889	nq	97
73) Carbazole	11.56	167	4001057	70.899	nq	98
74) Di-n-butylphthalate	11.90	149	4715895	68.917	nq	# 97
75) Fluoranthene	12.56	202	4511980	68.603	nq	97
77) Benzidine	12.67	184	1439960	50.297	nq	97
78) Pyrene	12.79	202	4620418	75.690	nq	96
80) Butylbenzylphthalate	13.42	149	2194079	80.668	nq	99
81) Benzo(a)anthracene	13.99	228	3851812	71.635	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	1563027	78.797	nq	99
83) Chrysene	14.03	228	3798038	74.678	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	2441170	68.969	nq	99
85) Di-n-octyl phthalate	14.61	149	4742545	76.035	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	5180711	81.292	nq	99
88) Benzo(b)fluoranthene	15.06	252	4545778	72.531	nq	99
89) Benzo(k)fluoranthene	15.09	252	4050368	70.622	nq	97
90) Benzo(a)pyrene	15.43	252	4241273	74.967	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	3996742	70.642	nq	99
92) Benzo(g,h,i)perylene	17.43	276	4258774	76.051	nq	100

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

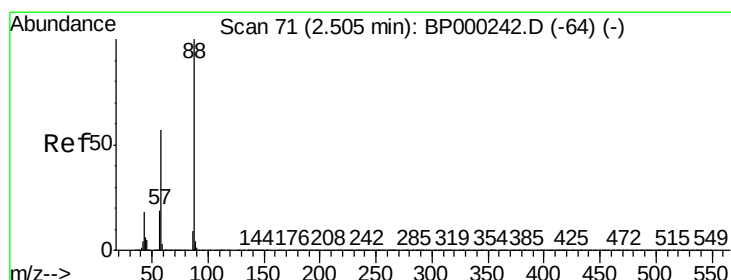
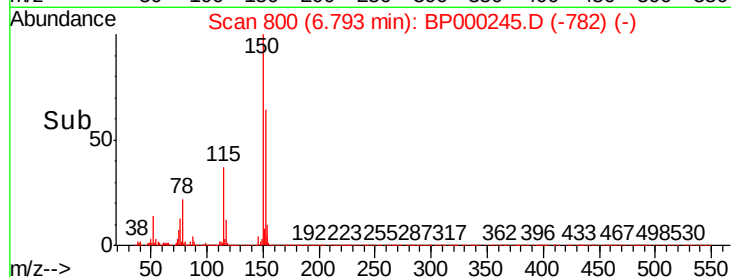
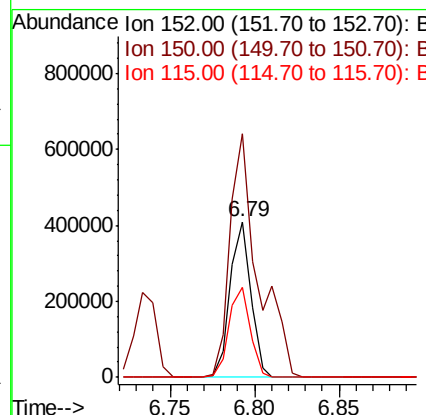
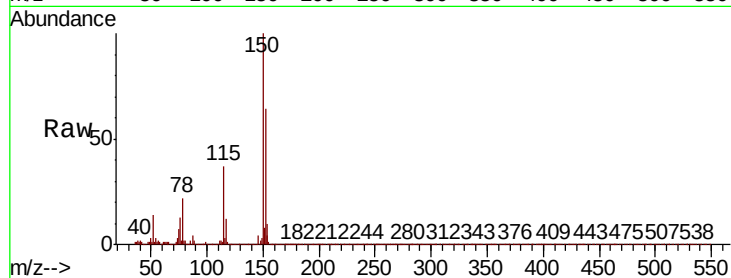


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Instrument :
BNA_P
ClientSampled :

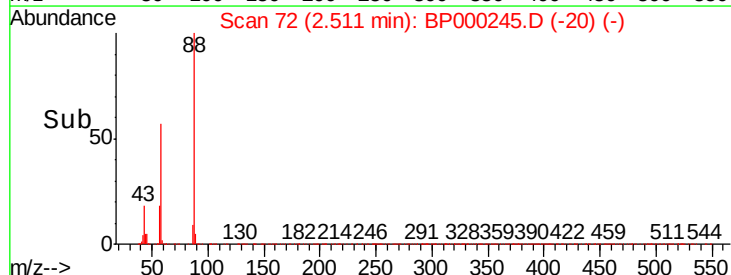
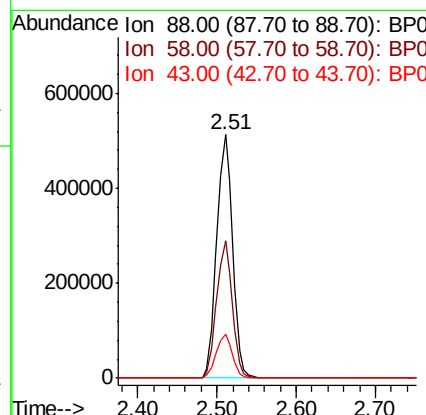
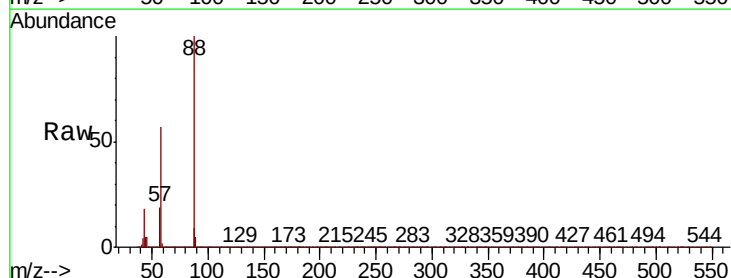
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.2	187.8
115	58.0	49.7	74.5

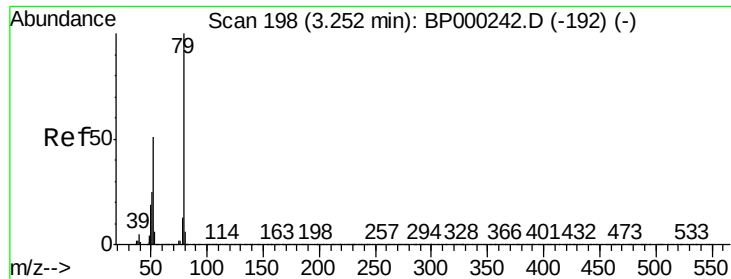


#2

1,4-Dioxane
Concen: 70.935 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	45.4	68.2
43	18.1	15.0	22.6





#3

Pvridine

Concen: 69.754 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

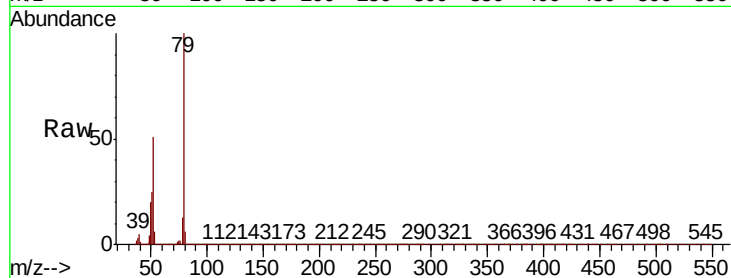
Instrument :

BNA_P

ClientSampled :

Tot Ion: 79 Resp: 1890906

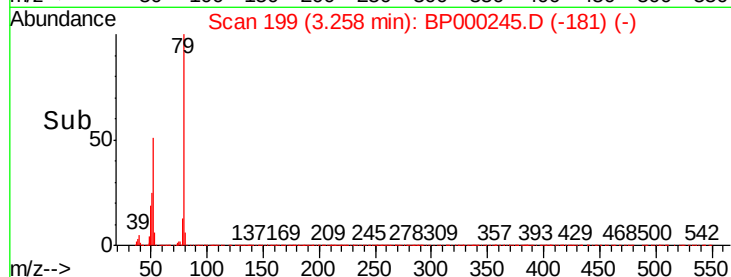
Ion	Ratio	Lower	Upper
79	100		
52	51.3	40.9	61.3
51	25.4	20.2	30.2



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

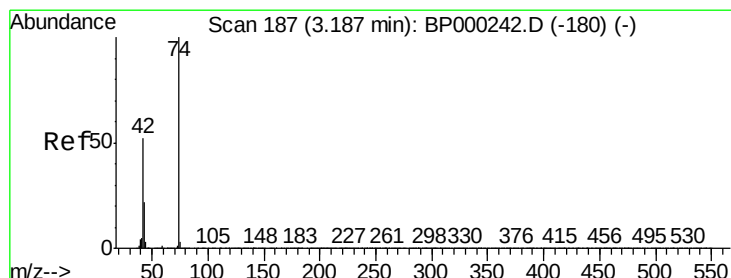


Abundance

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: 61.737 ng

RT: 3.22 min Scan# 193

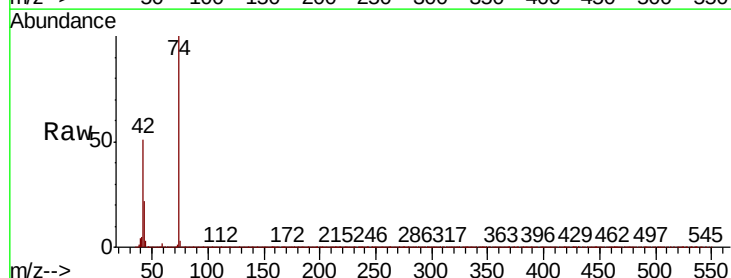
Delta R.T. 0.04 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Tgt Ion: 42 Resp: 540408

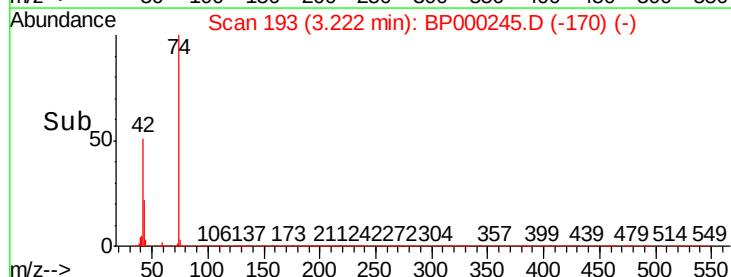
Ion	Ratio	Lower	Upper
42	100		
74	197.5	154.5	231.7
44	6.8	5.9	8.9



Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

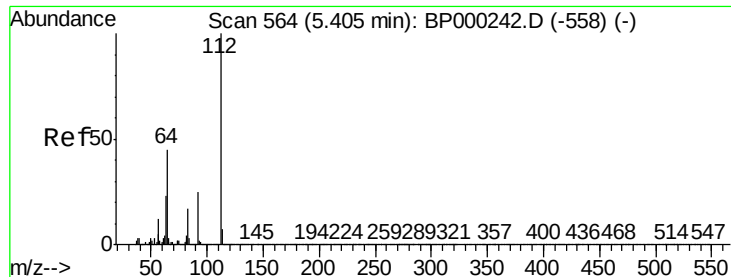
Ion 44.00 (43.70 to 44.70): BP0



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: 134.433 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

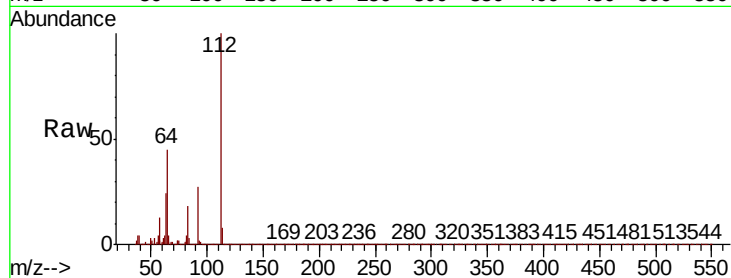
Tot Ion: 112 Resp: 2940647

Ion Ratio Lower Upper

112 100

64 44.8 36.2 54.4

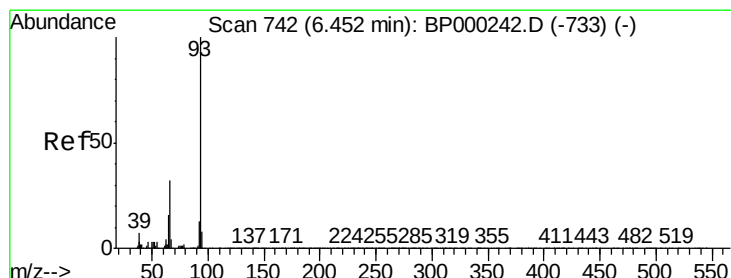
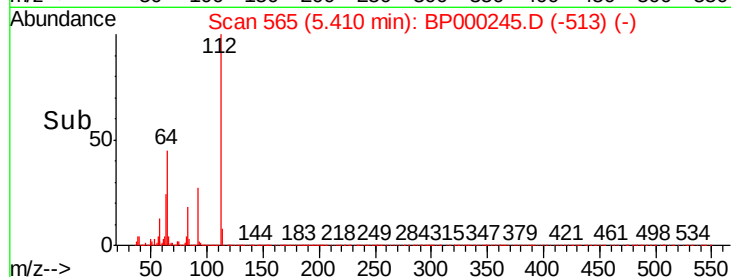
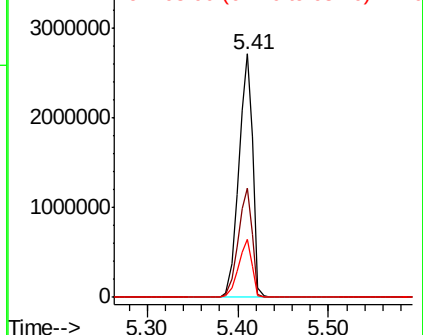
63 23.7 18.3 27.5



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: 60.930 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

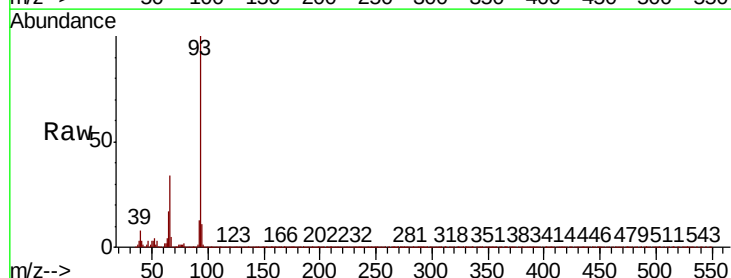
Tgt Ion: 93 Resp: 2435063

Ion Ratio Lower Upper

93 100

66 33.8 26.2 39.2

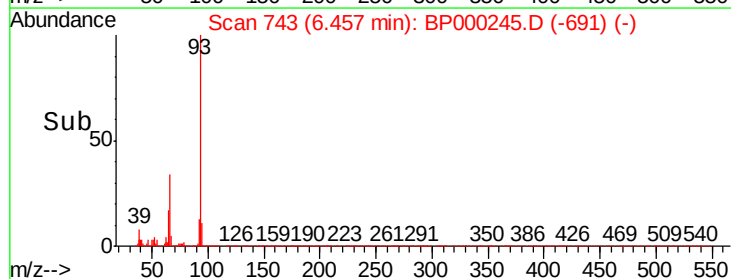
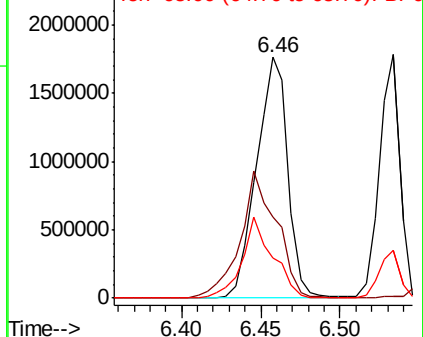
65 16.7 12.7 19.1

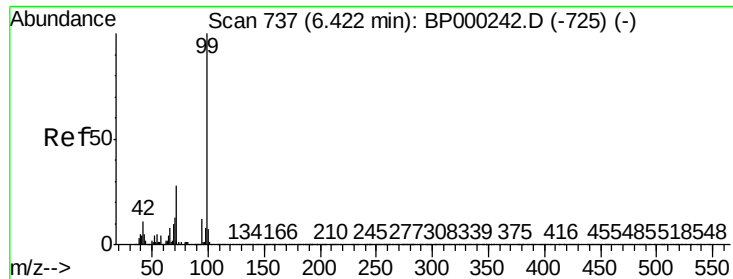


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 129.259 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

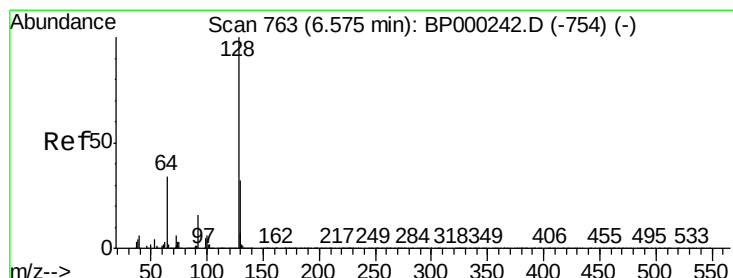
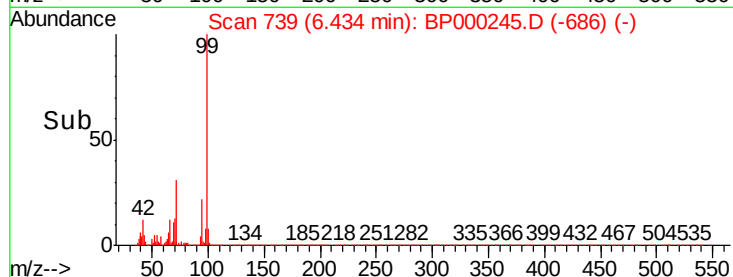
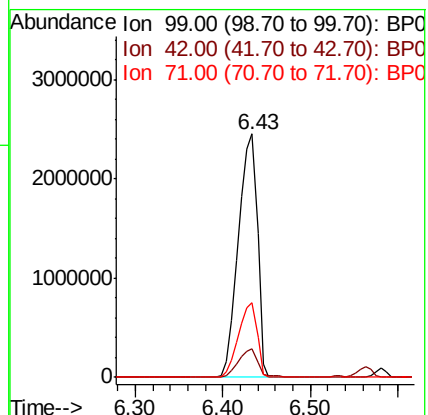
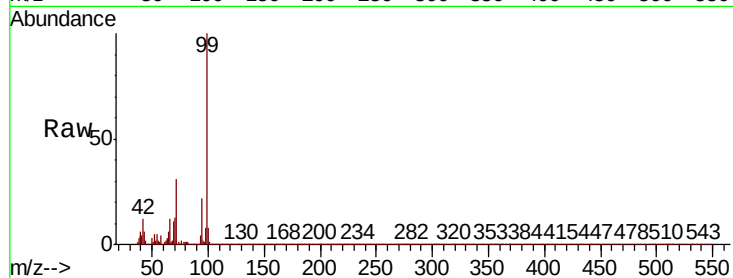
Tot Ion: 99 Resp: 3569423

Ion Ratio Lower Upper

99 100

42 11.6 8.5 12.7

71 30.9 22.6 34.0



#8

2-Chlorophenol

Concen: 70.606 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

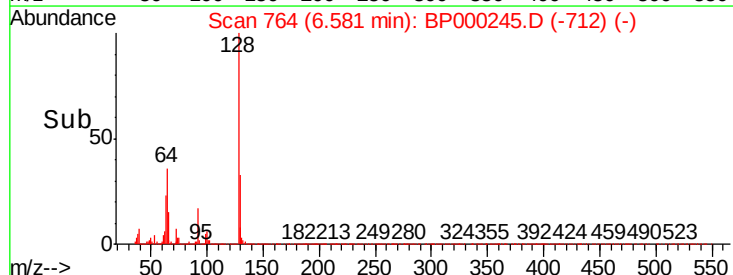
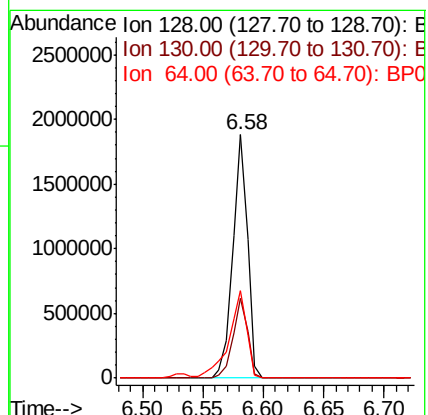
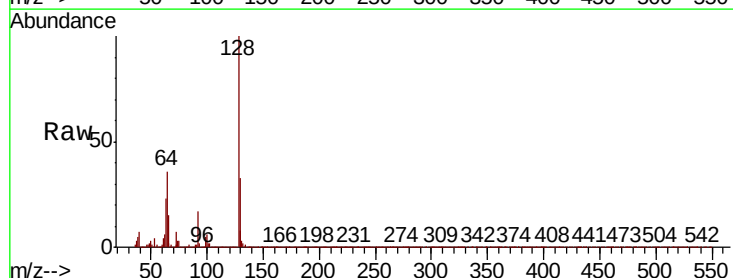
Tgt Ion: 128 Resp: 1596971

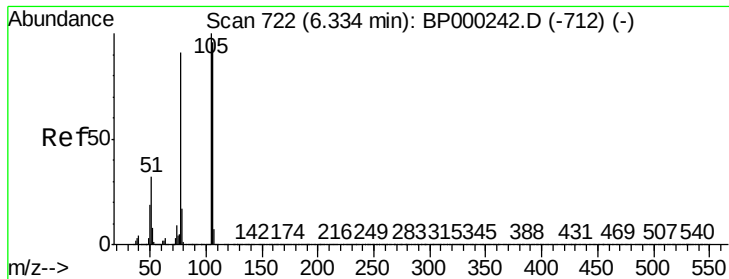
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 36.2 16.0 56.0





#9

Benzaldehyde

Concen: 49.670 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

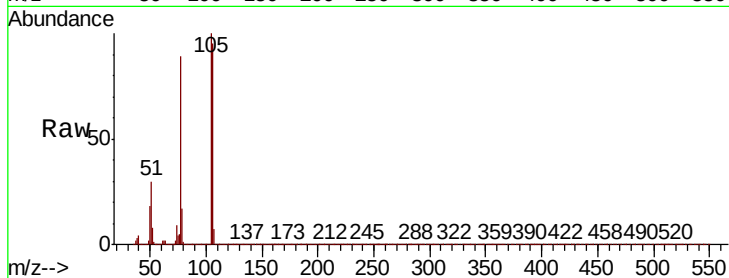
Tot Ion: 77 Resp: 845807

Ion Ratio Lower Upper

77 100

105 112.9 89.6 129.6

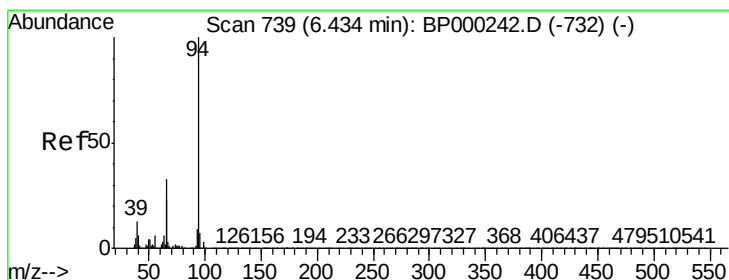
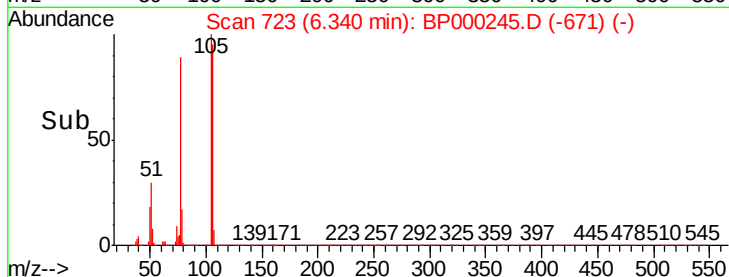
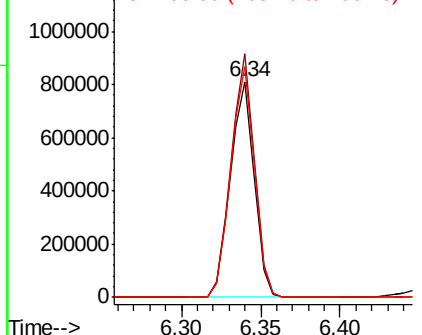
106 107.0 84.6 124.6



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: 64.663 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

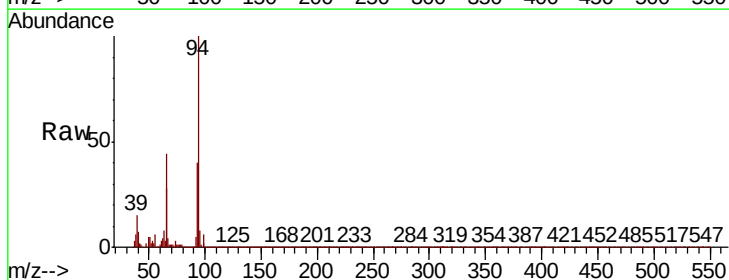
Tgt Ion: 94 Resp: 1983910

Ion Ratio Lower Upper

94 100

65 27.9 3.3 43.3

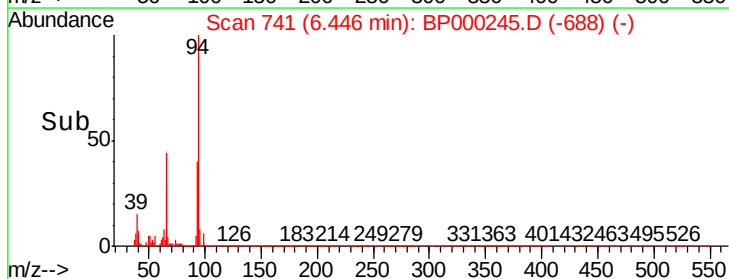
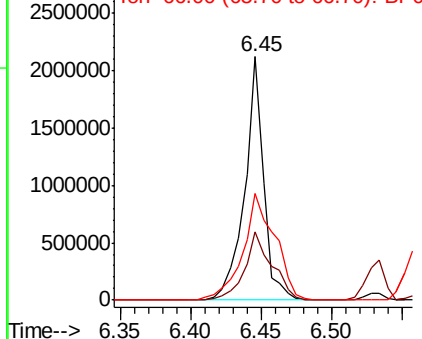
66 43.7 12.7 52.7

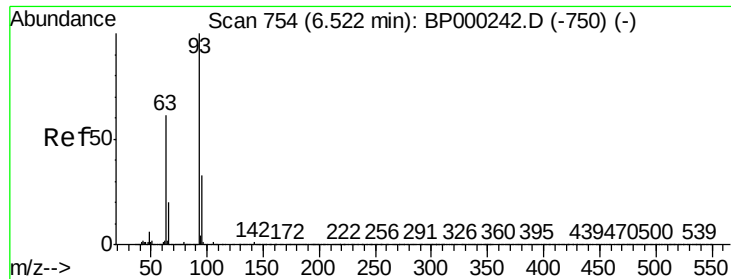


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

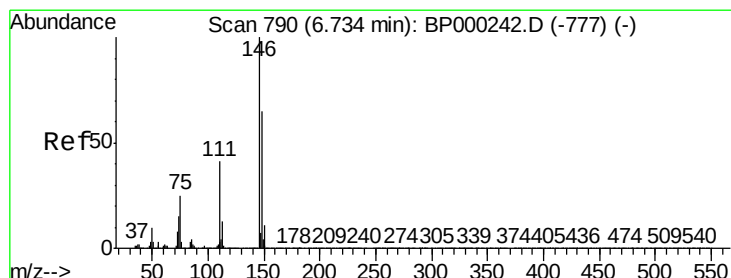
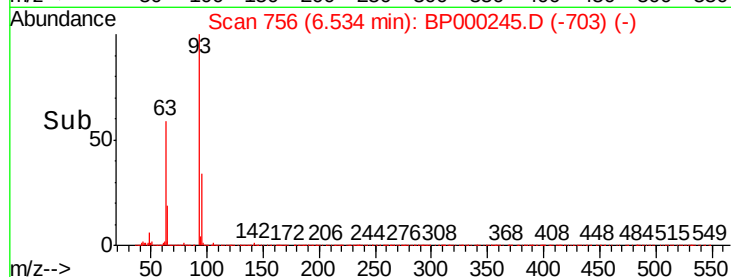
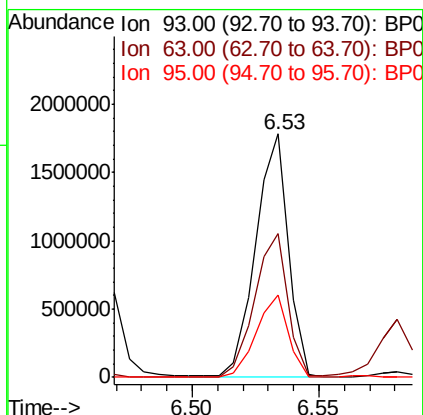
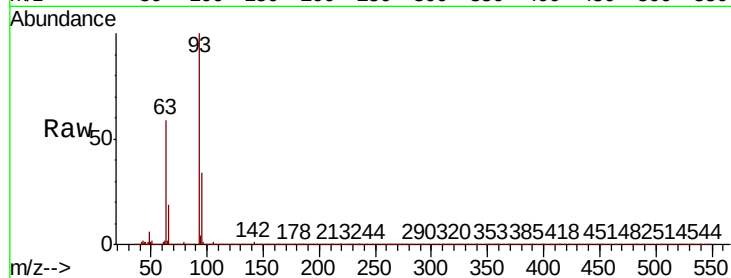




#11
bis(2-Chloroethyl)ether
Concen: 65.828 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

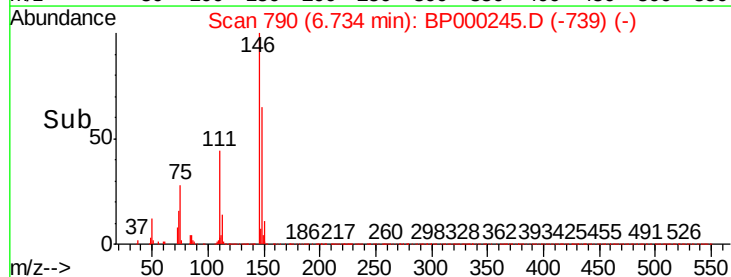
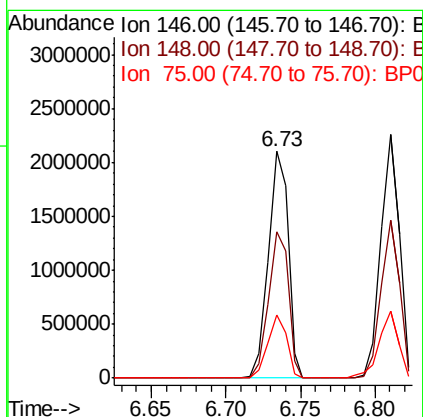
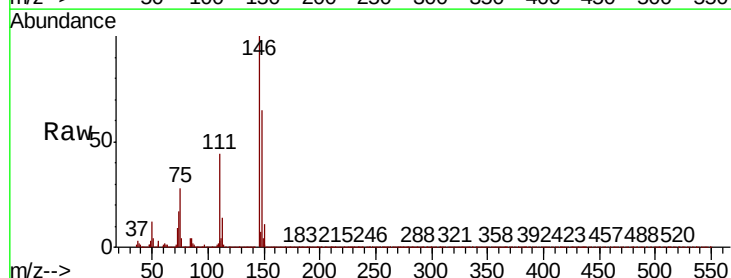
Instrument :
BNA_P
ClientSampleId :

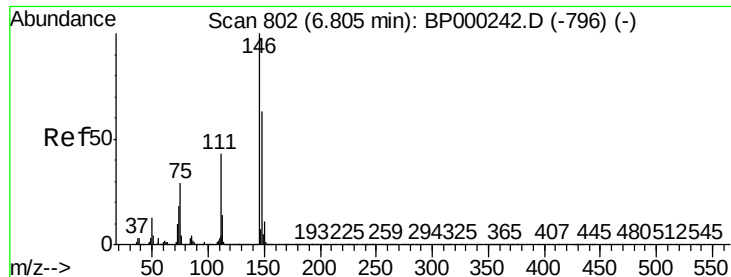
Tot Ion: 93 Resp: 1595436
Ion Ratio Lower Upper
93 100
63 58.8 41.0 81.0
95 33.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 72.839 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion: 146 Resp: 1921658
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 27.9 20.2 30.4

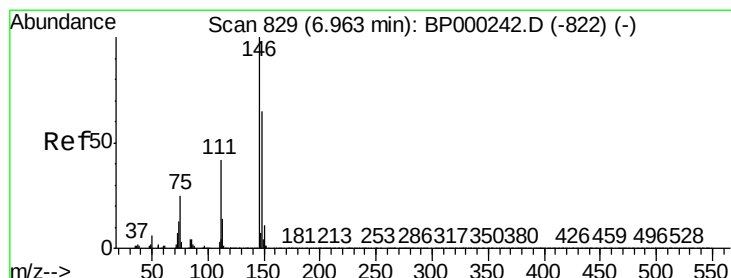
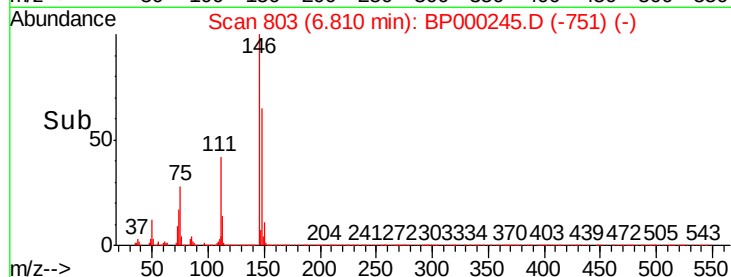
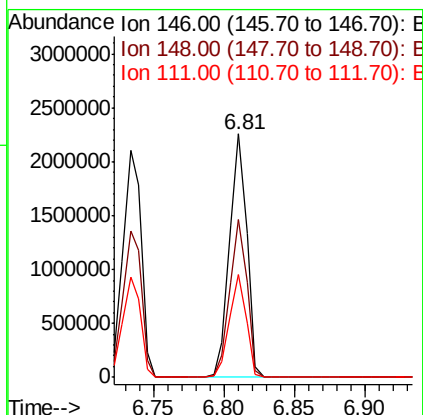
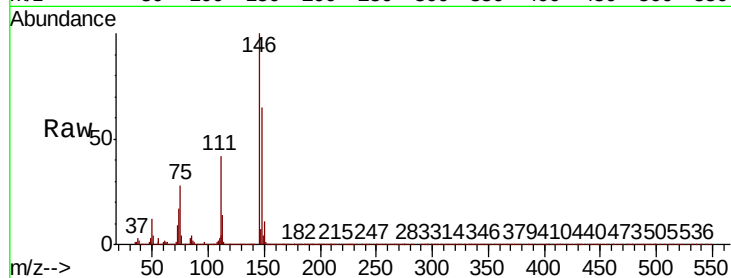




#13
1,4-Dichlorobenzene
Concen: 73.253 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

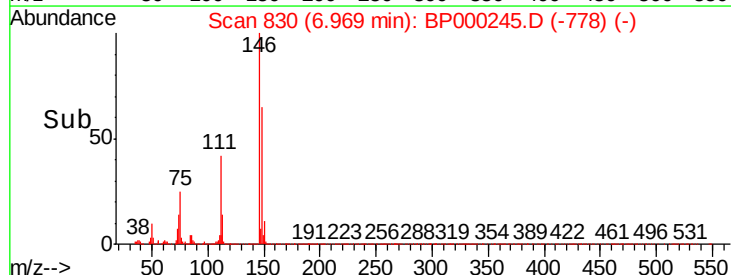
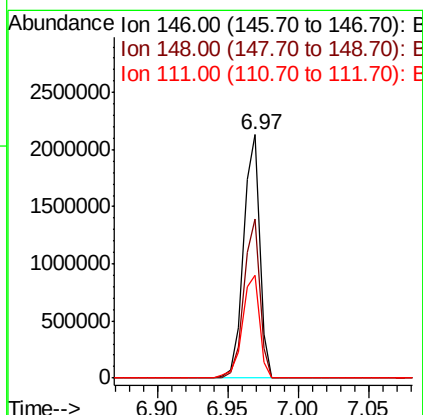
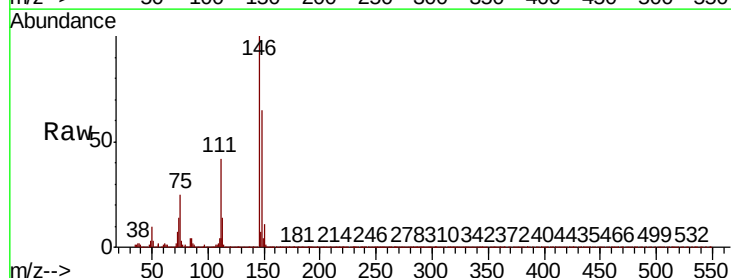
Instrument :
BNA_P
ClientSampled :

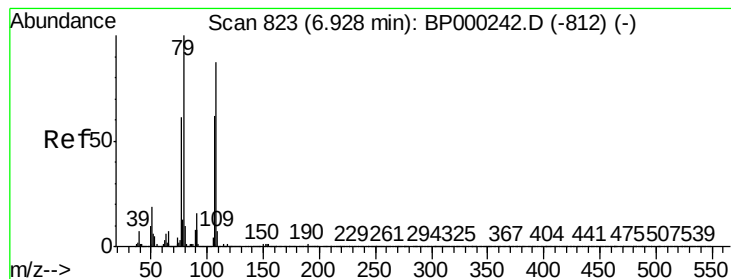
Tot Ion:146 Resp: 1924433
Ion Ratio Lower Upper
146 100
148 65.0 50.7 76.1
111 42.1 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 70.126 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:146 Resp: 1692669
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 42.3 33.4 50.2





#15

Benzyl Alcohol

Concen: 64.637 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

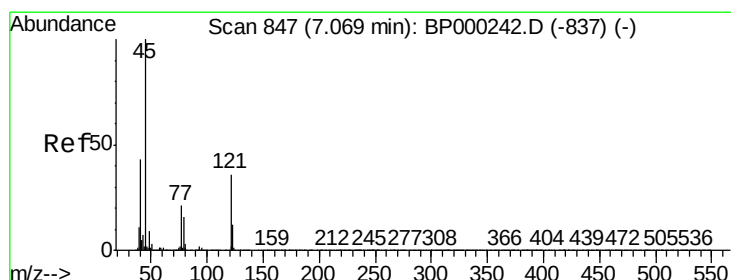
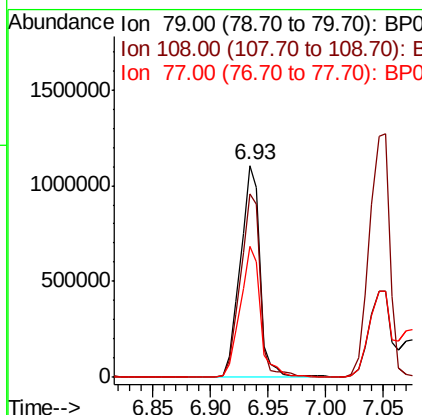
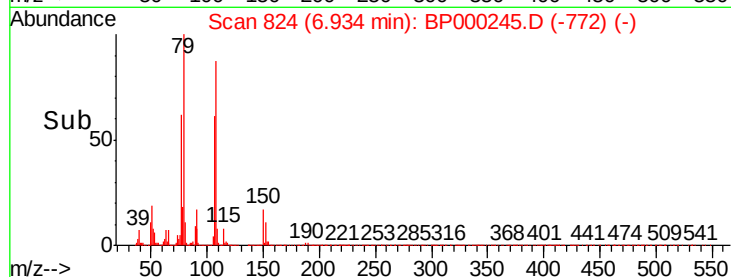
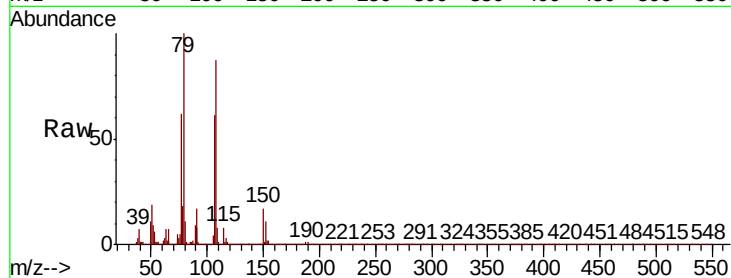
Tot Ion: 79 Resp: 1308682

Ion Ratio Lower Upper

79 100

108 86.9 69.2 103.8

77 61.7 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.949 ng

RT: 7.08 min Scan# 848

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

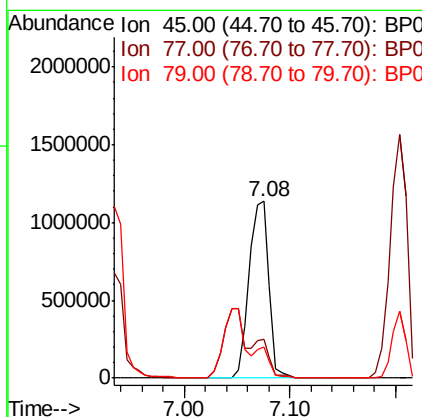
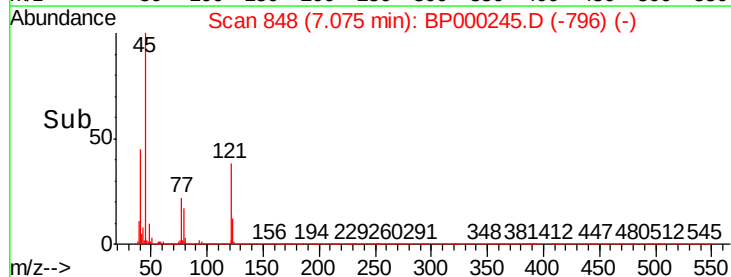
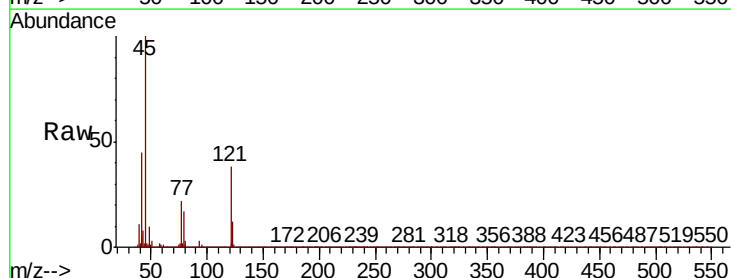
Tgt Ion: 45 Resp: 1484281

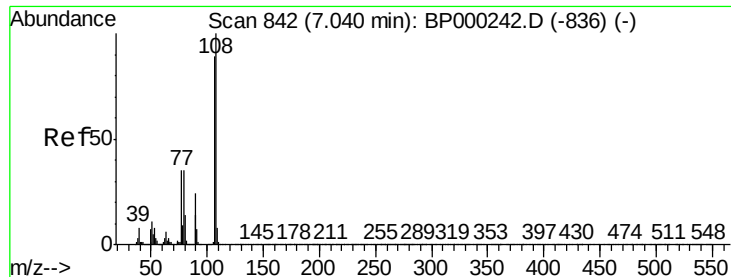
Ion Ratio Lower Upper

45 100

77 22.0 0.7 40.7

79 17.5 0.0 36.4

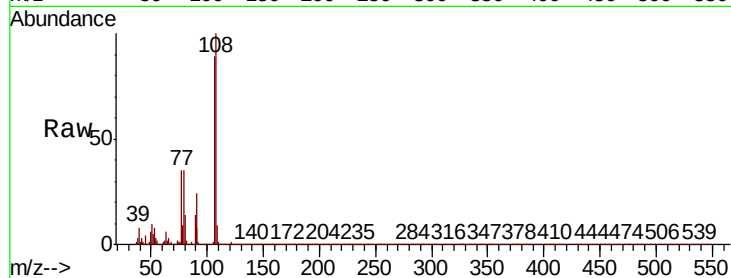




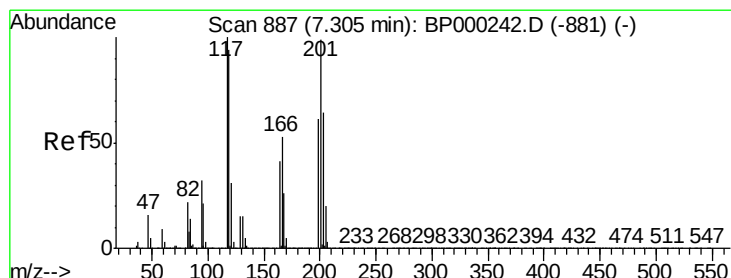
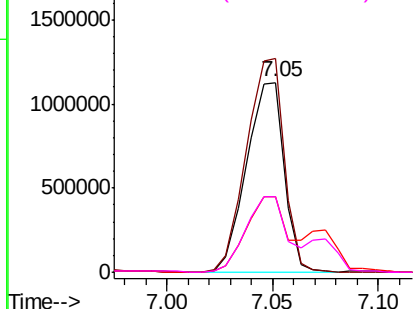
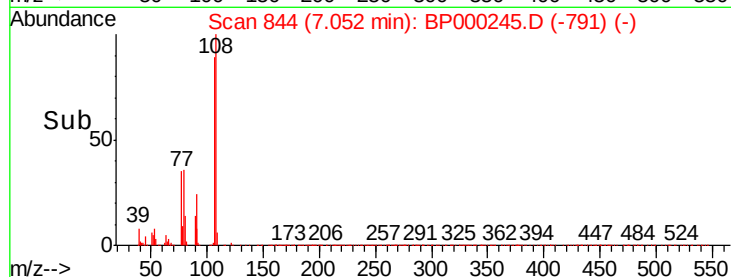
#17
2-Methylphenol
Concen: 71.744 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion:107 Resp: 1393661
Ion Ratio Lower Upper
107 100
108 112.4 90.1 135.1
77 39.6 31.5 47.3
79 39.7 32.2 48.2

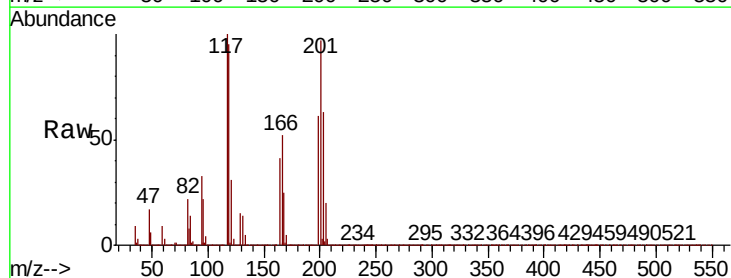


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

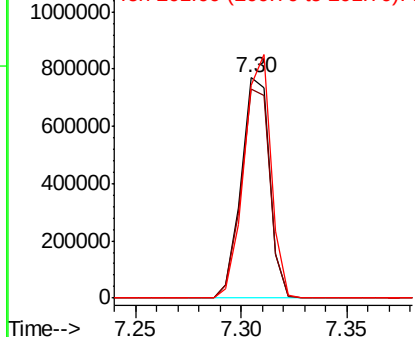
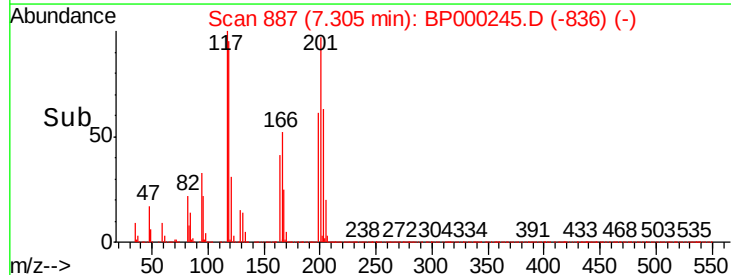


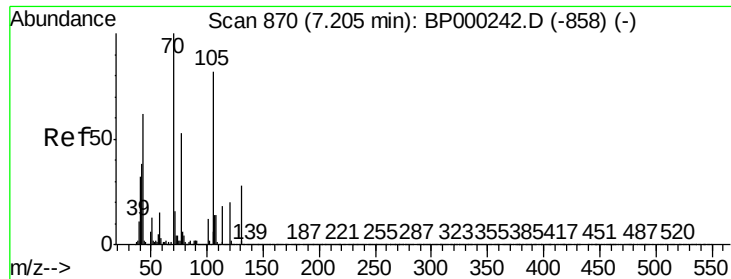
#18
Hexachloroethane
Concen: 73.412 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:117 Resp: 715297
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
201 96.7 79.4 119.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

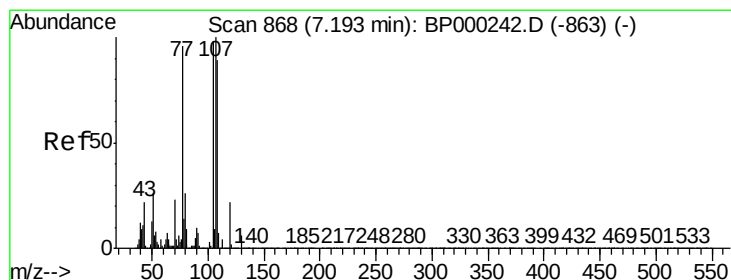
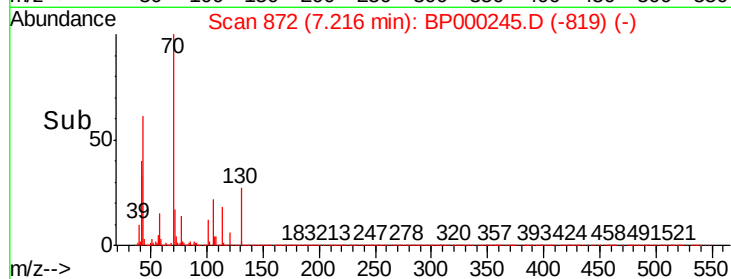
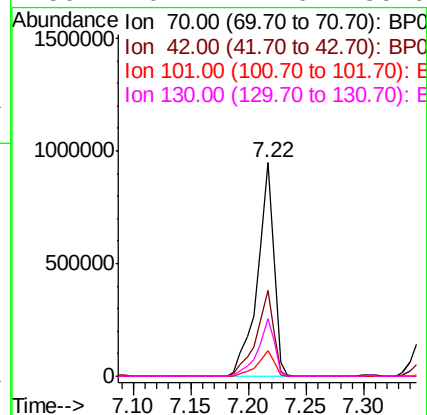
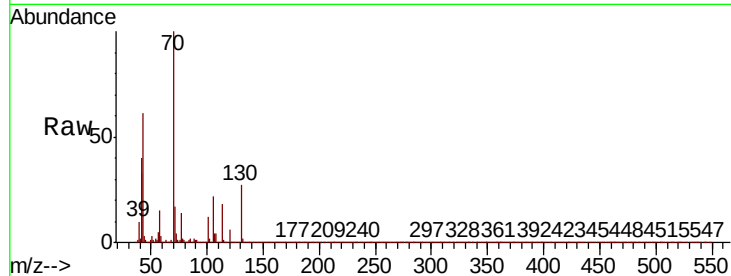




#19
n-Nitroso-di-n-propylamine
Concen: 59.648 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

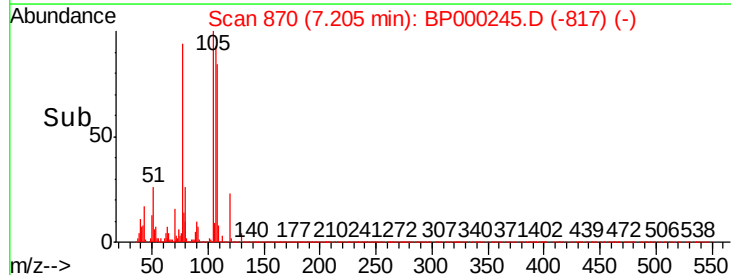
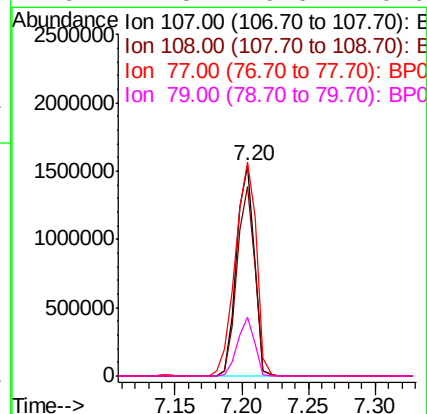
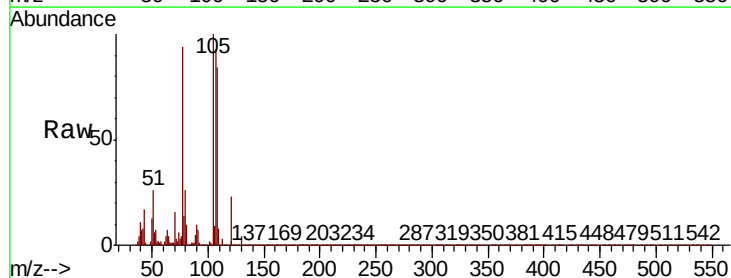
Instrument :
BNA_P
ClientSampled :

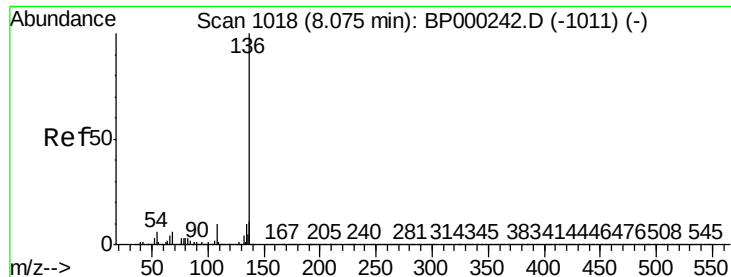
Tot Ion:	70	Resp:	937428
Ion	Ratio	Lower	Upper
70	100		
42	40.2	30.7	46.1
101	11.9	9.6	14.4
130	26.7	22.0	33.0



#20
3+4-Methylphenols
Concen: 60.194 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:	107	Resp:	1458334
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.8	108.8
77	101.5	75.7	115.7
79	27.8	6.0	46.0

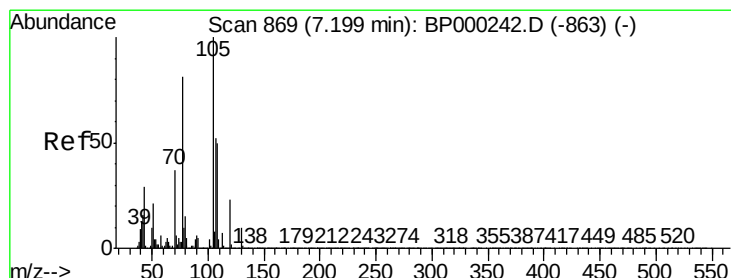
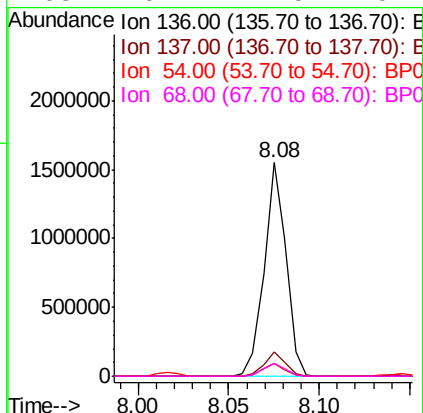
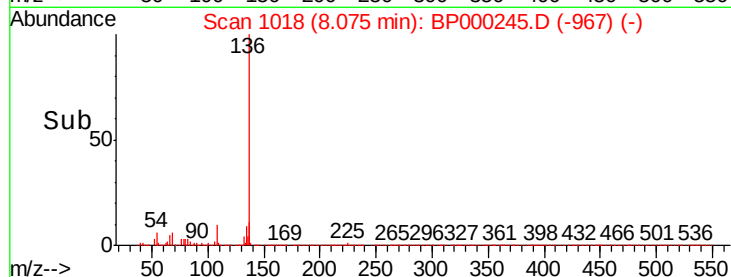
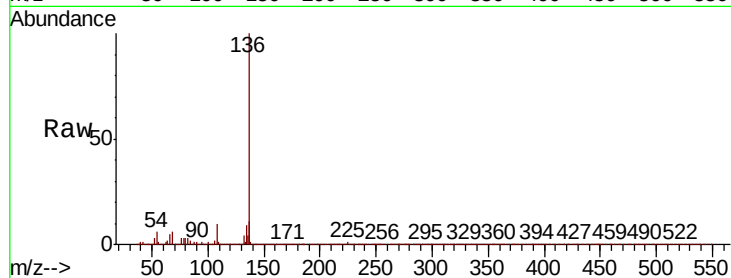




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

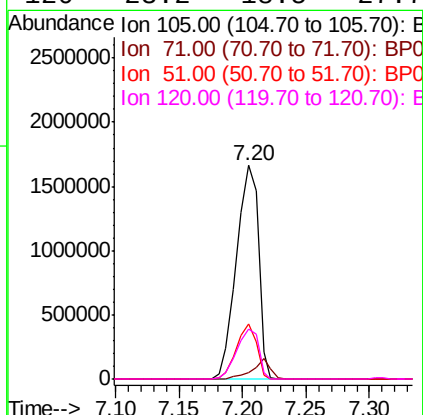
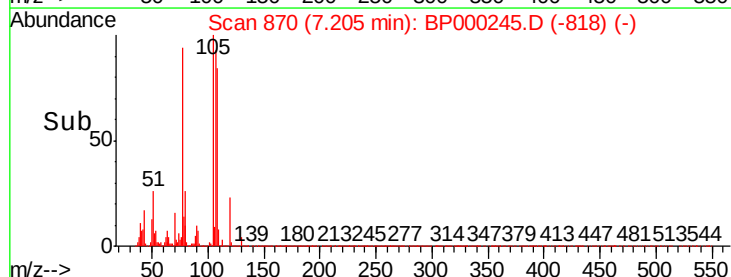
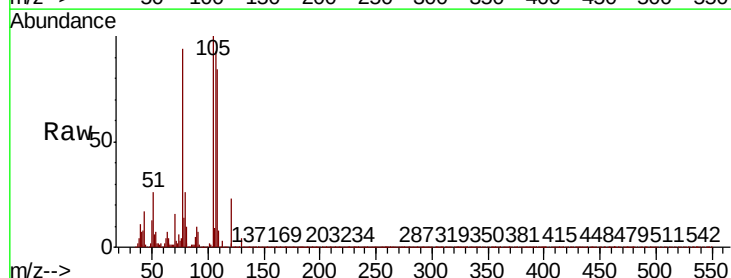
Instrument :
BNA_P
ClientSampleId :

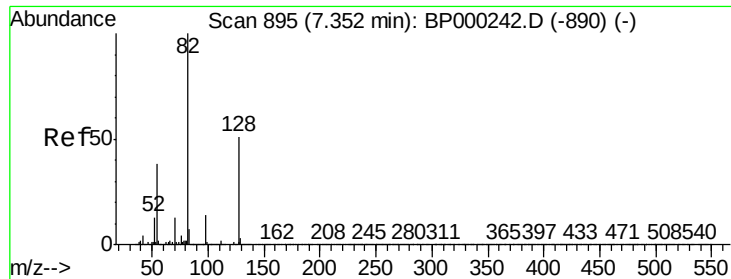
Tot Ion:136	Resp: 1297182
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 5.9	4.5 6.7
68 6.1	4.5 6.7



#22
Acetophenone
Concen: 64.059 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt	Ion:105	Resp:	1990340
Ion	Ratio	Lower	Upper
105	100		
71	2.8	5.2	7.8#
51	25.6	16.6	24.8#
120	23.2	18.5	27.7

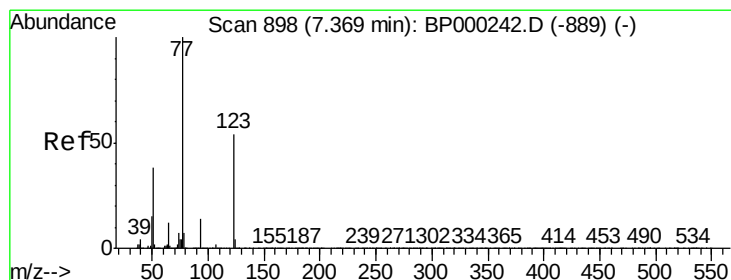
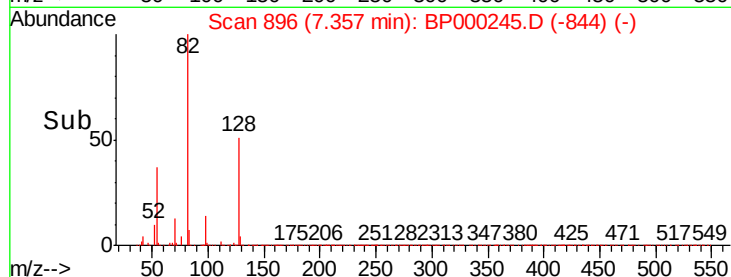
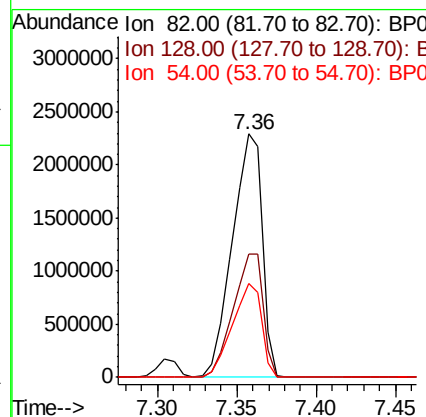
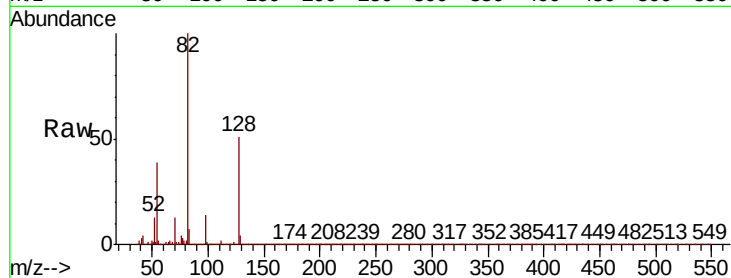




#23
Nitrobenzene-d5
Concen: 141.258 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

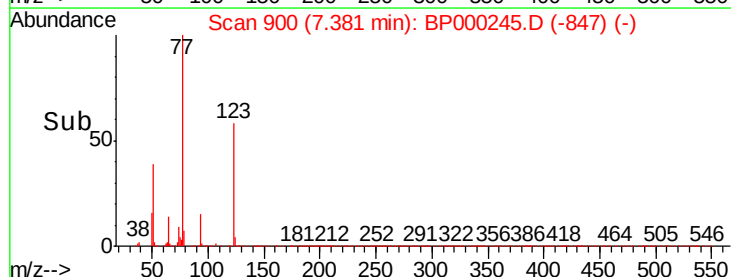
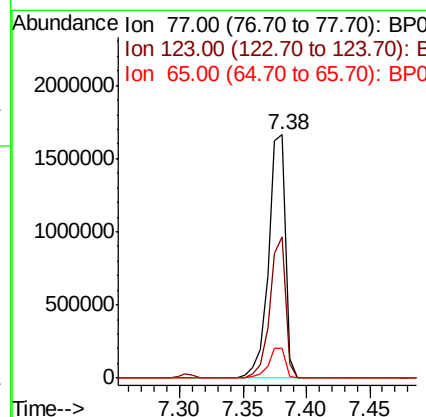
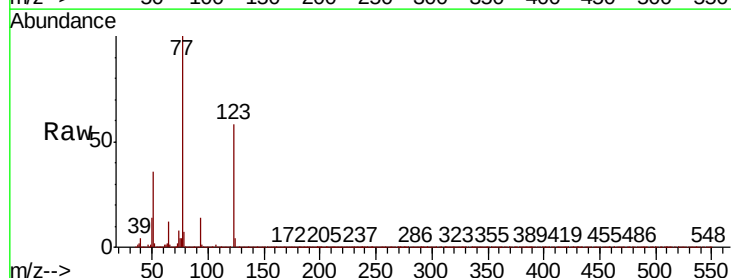
Instrument :
BNA_P
ClientSampled :

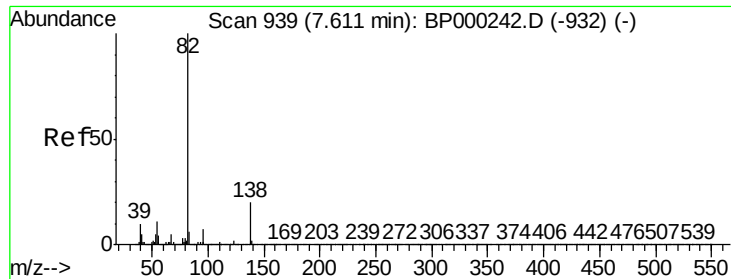
Tot Ion: 82 Resp: 2986281
Ion Ratio Lower Upper
82 100
128 50.8 40.7 61.1
54 38.6 30.1 45.1



#24
Nitrobenzene
Concen: 67.968 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion: 77 Resp: 1556634
Ion Ratio Lower Upper
77 100
123 57.9 43.1 64.7
65 12.1 9.4 14.2





#25

Isophorone

Concen: 67.278 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

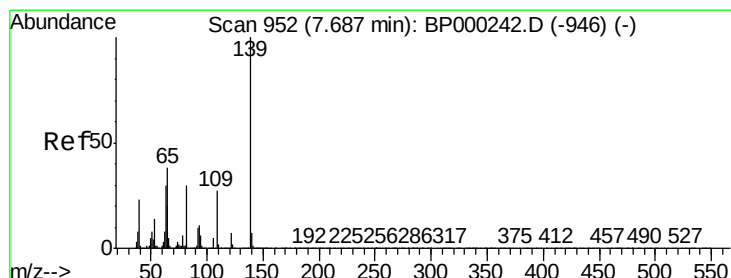
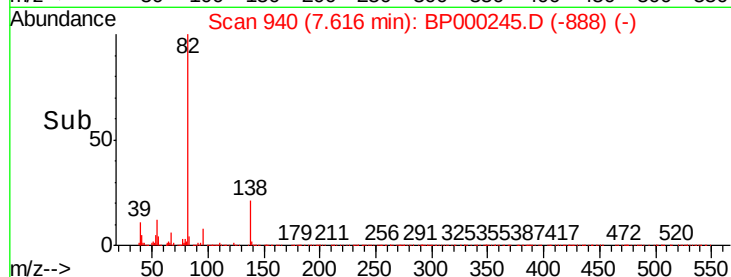
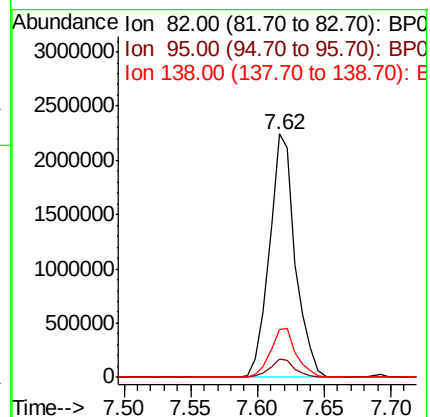
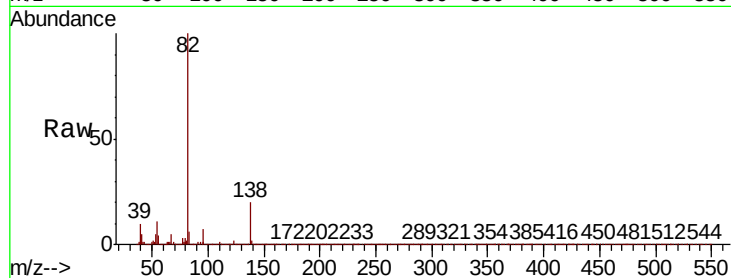
Tot Ion: 82 Resp: 3005185

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

138 19.8 15.9 23.9



#26

2-Nitrophenol

Concen: 98.878 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

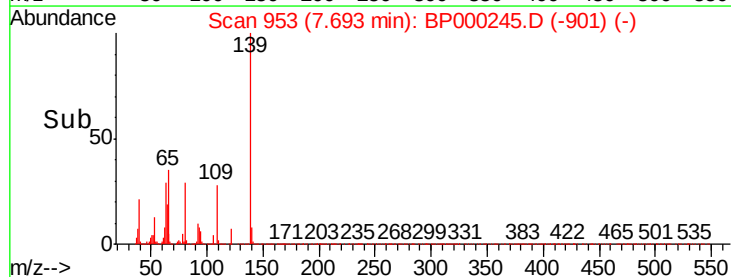
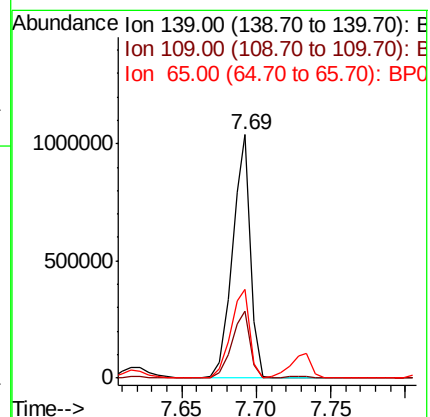
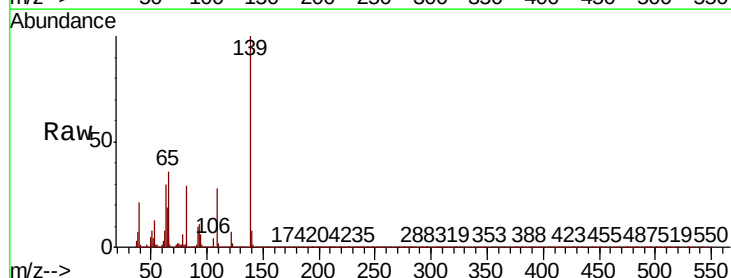
Tgt Ion: 139 Resp: 881887

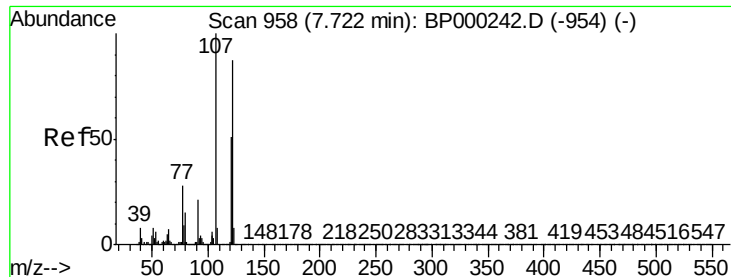
Ion Ratio Lower Upper

139 100

109 27.6 21.8 32.6

65 36.5 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 73.291 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

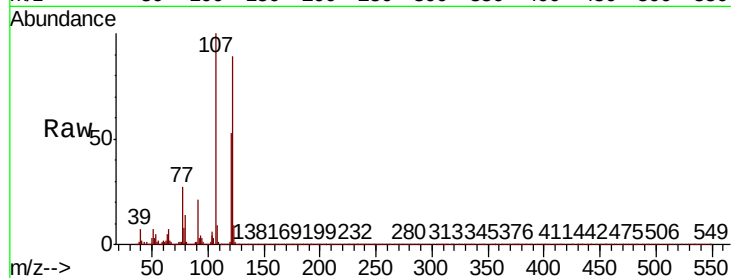
Tot Ion:122 Resp: 1319057

Ion Ratio Lower Upper

122 100

107 113.0 91.5 137.3

121 59.8 46.9 70.3

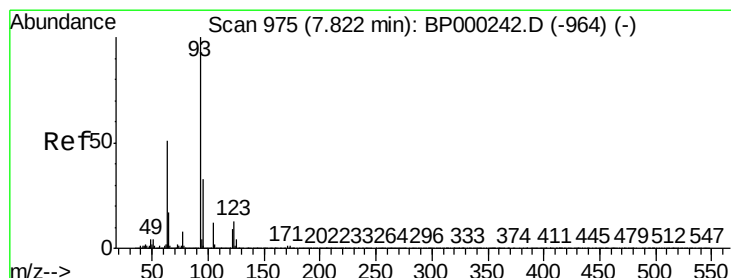
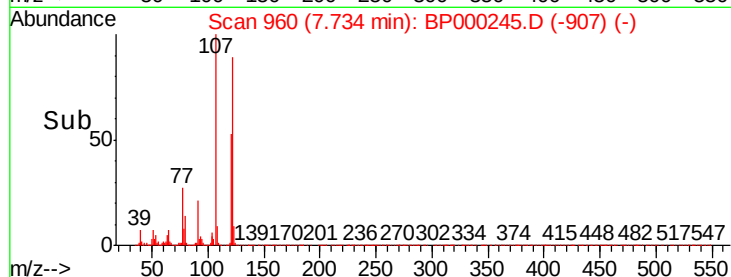
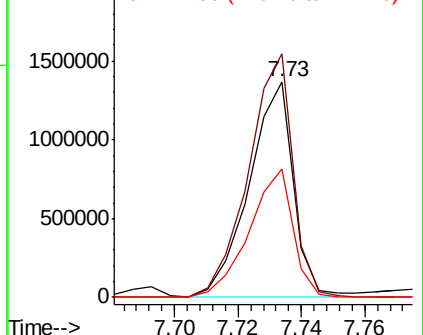


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 67.180 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

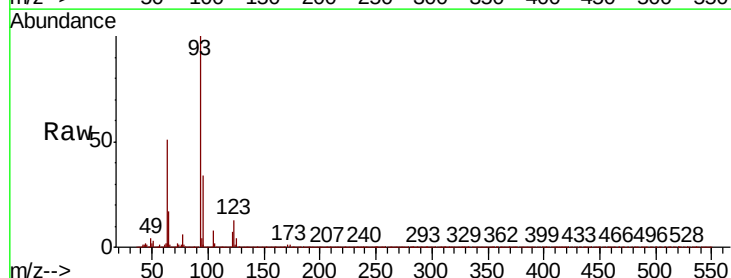
Tgt Ion: 93 Resp: 1951325

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

123 13.1 10.2 15.2

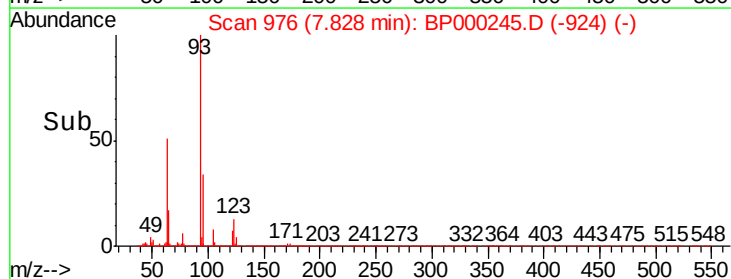
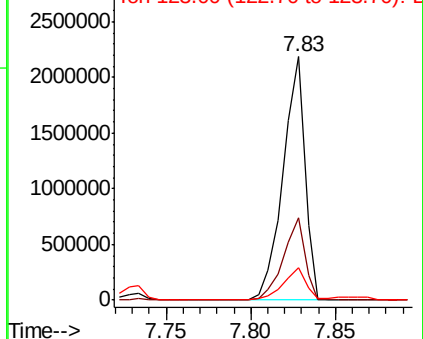


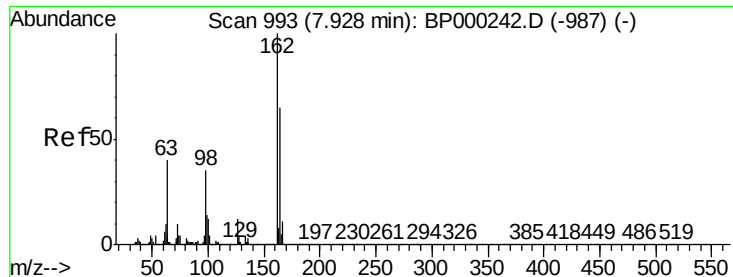
Abundance

Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

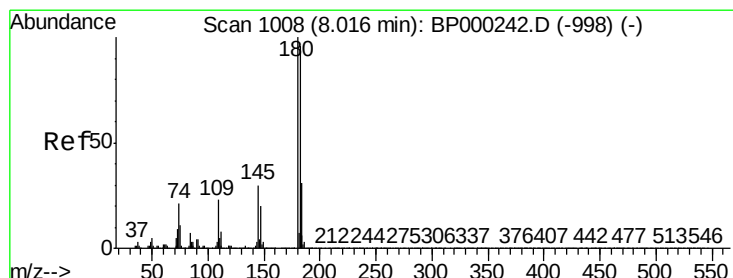
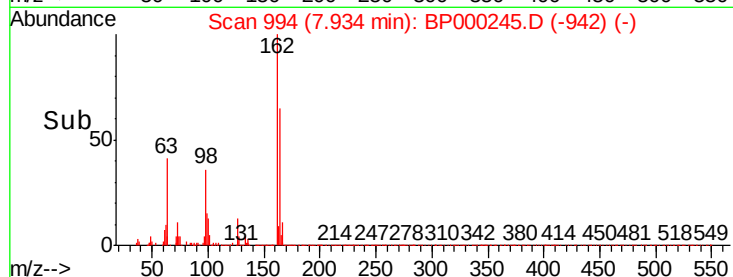
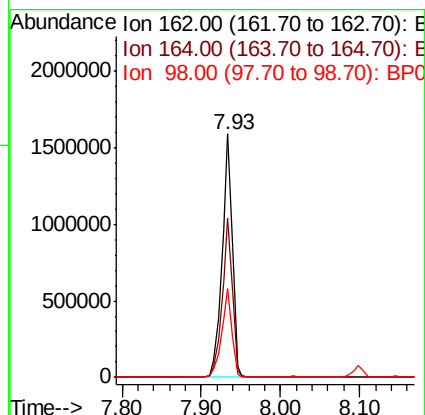
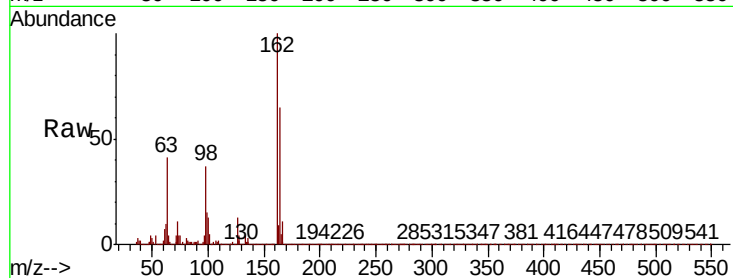




#29
2,4-Dichlorophenol
Concen: 76.702 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

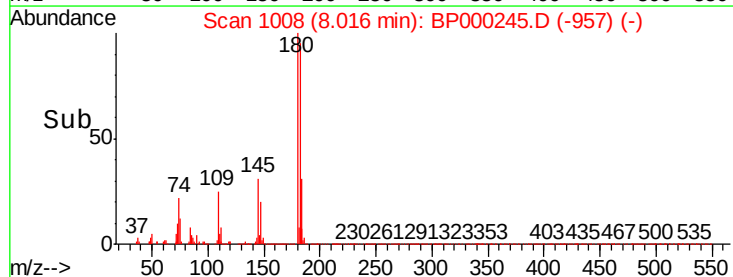
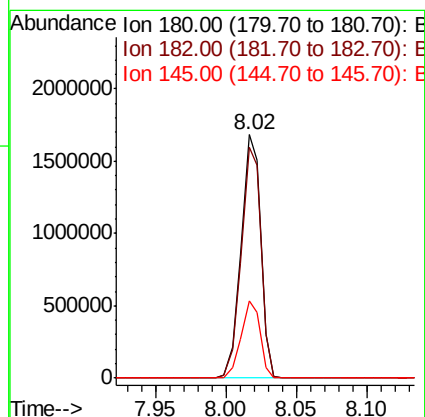
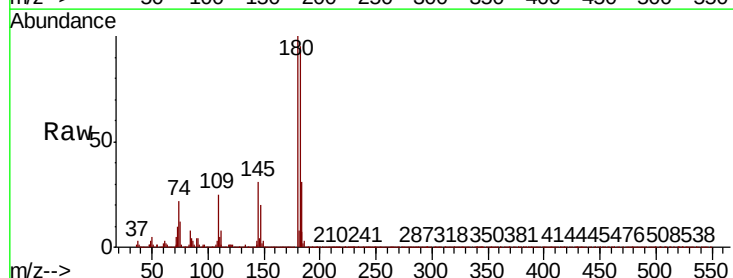
Instrument :
BNA_P
ClientSampleId :

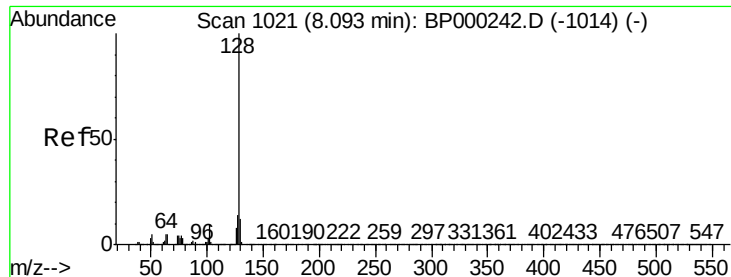
Tot Ion:162 Resp: 1419461
Ion Ratio Lower Upper
162 100
164 65.3 44.5 84.5
98 36.6 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 76.691 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:180 Resp: 1618000
Ion Ratio Lower Upper
180 100
182 94.6 77.2 115.8
145 31.5 24.3 36.5

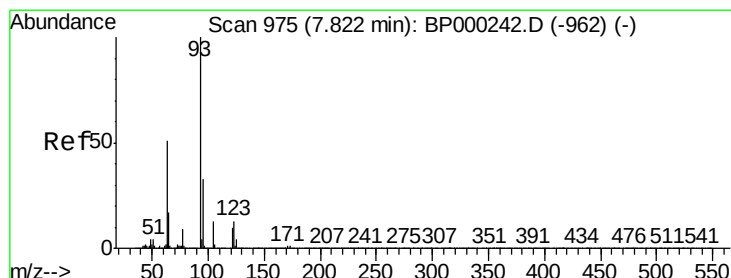
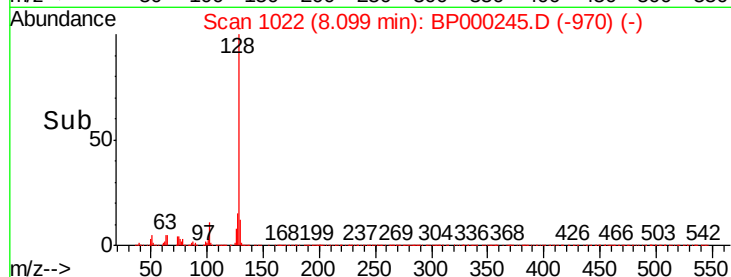
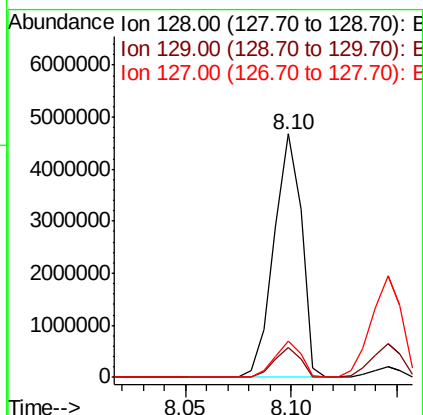
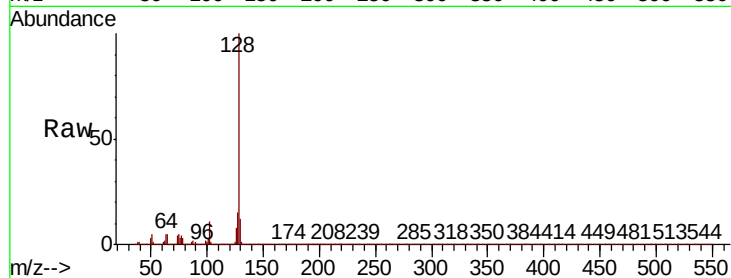




#31
Naphthalene
Concen: 71.643 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

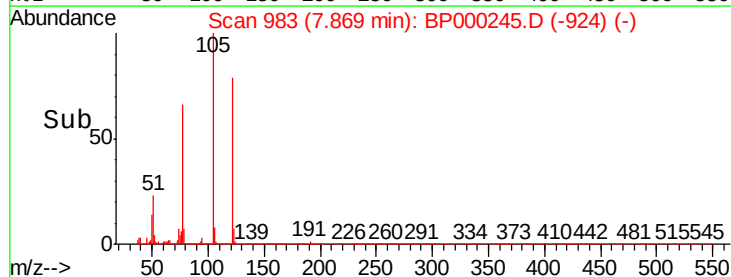
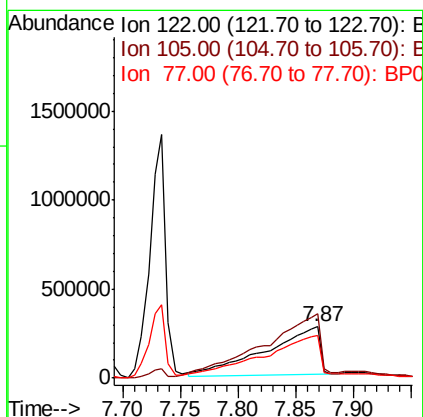
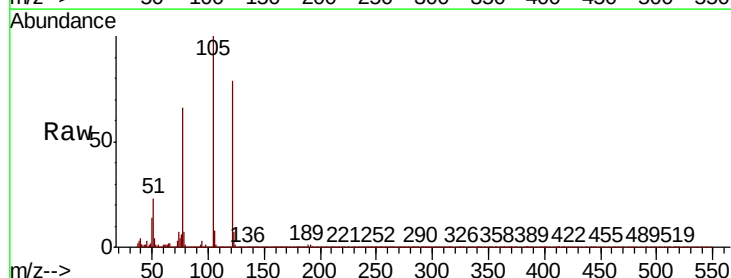
Instrument :
BNA_P
ClientSampleId :

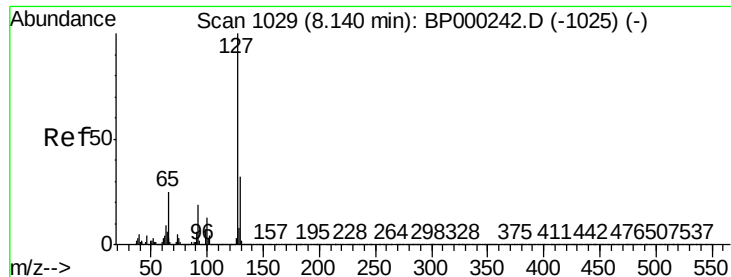
Tot Ion:128 Resp: 4263910
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 15.0 11.0 16.6



#32
Benzoic acid
Concen: 79.808 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.05 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:122 Resp: 881874
Ion Ratio Lower Upper
122 100
105 126.0 105.4 145.4
77 83.7 65.3 105.3

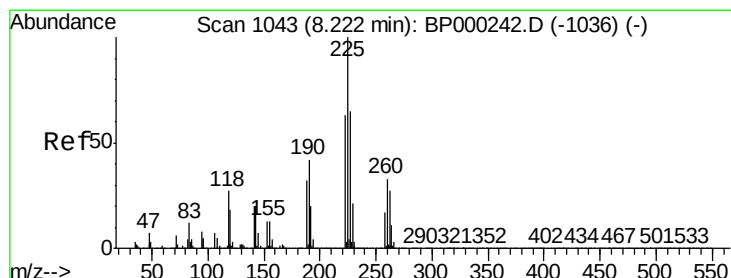
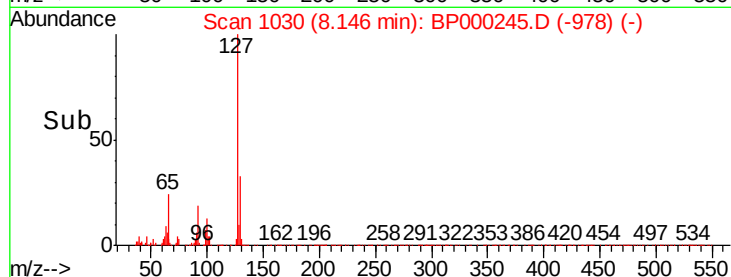
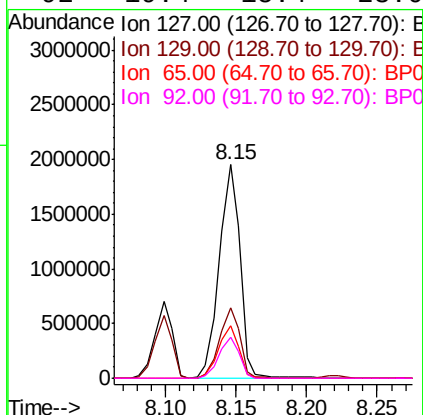
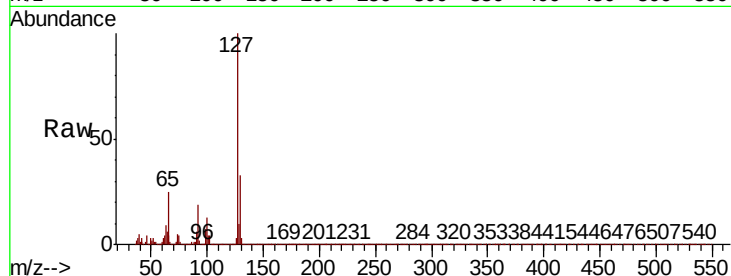




#33
4-Chloroaniline
Concen: 70.918 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

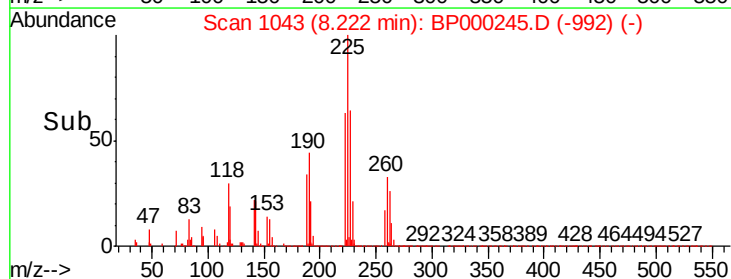
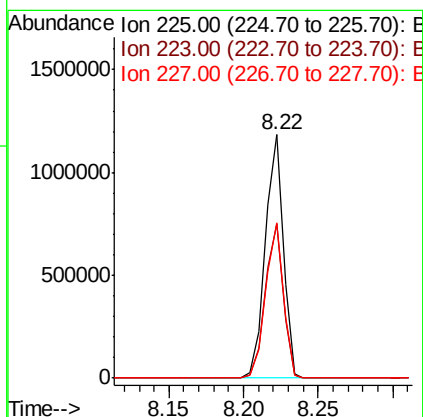
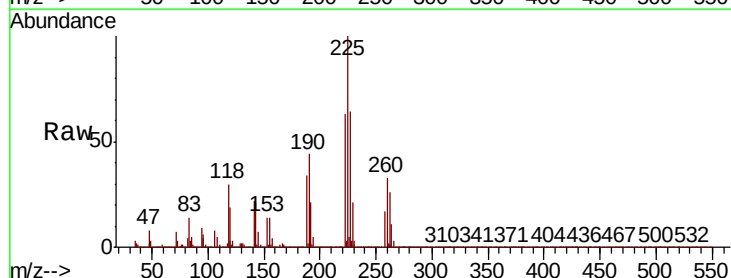
Instrument :
BNA_P
ClientSampleId :

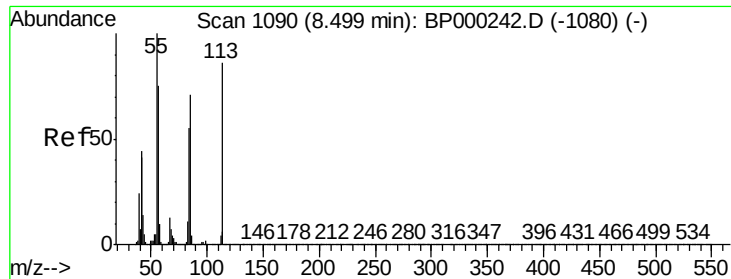
Tot Ion:127	Resp: 1990653
Ion Ratio	Lower Upper
127 100	
129 32.8	25.7 38.5
65 24.8	19.9 29.9
92 19.4	15.4 23.0



#34
Hexachlorobutadiene
Concen: 81.744 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion	225	Resp: Lower	971757 Upper
	Ratio		
225	100		
223	63.4	50.2	75.2
227	64.0	51.8	77.6

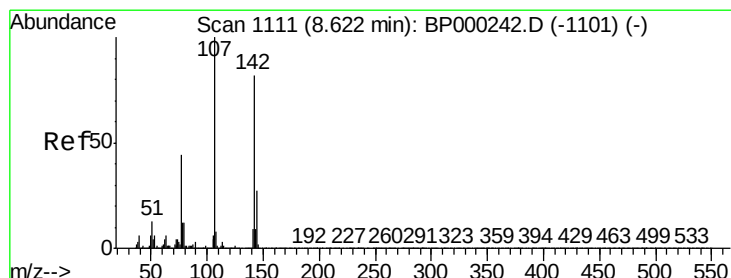
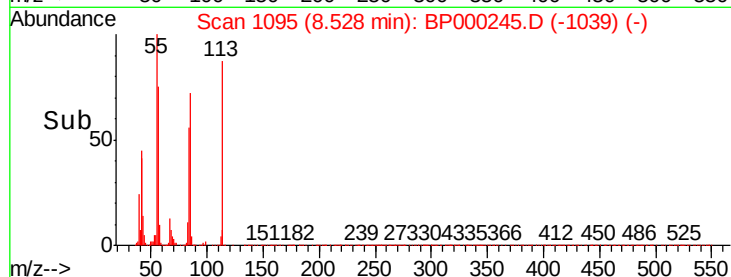
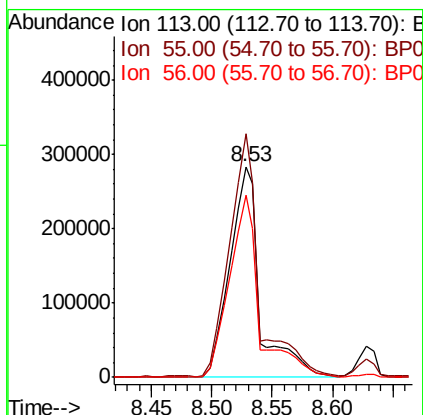
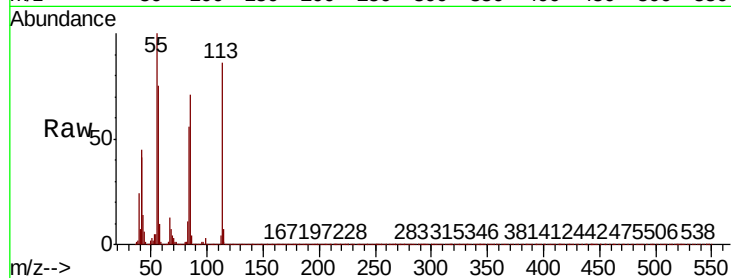




#35
Caprolactam
Concen: 74.725 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

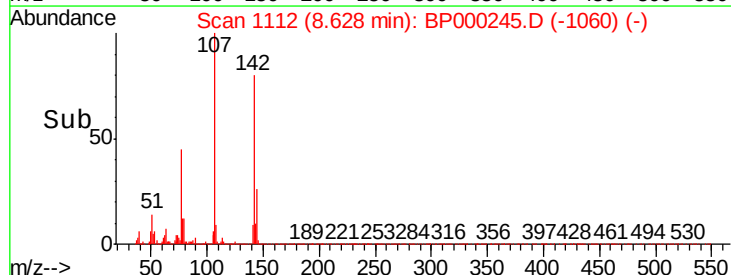
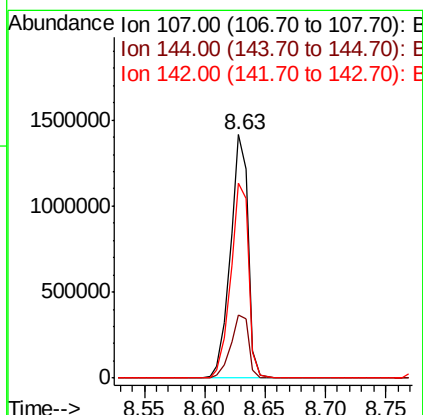
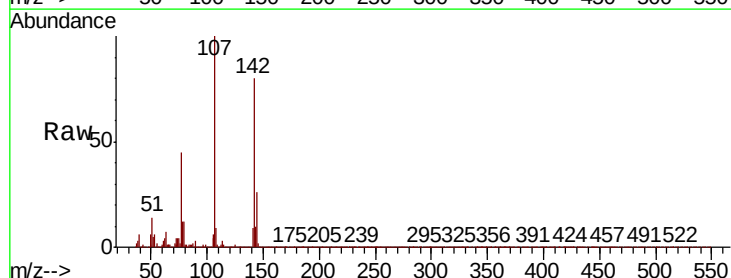
Instrument :
BNA_P
ClientSampleId :

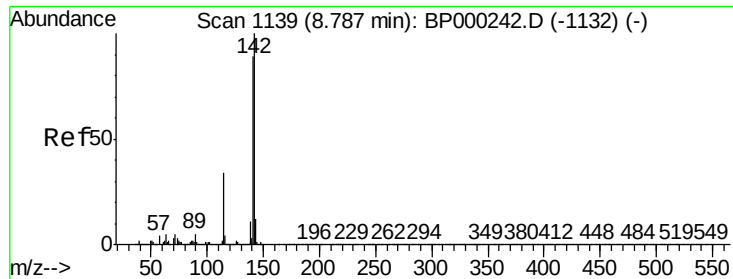
Tot Ion:113 Resp: 491798
Ion Ratio Lower Upper
113 100
55 115.7 96.8 136.8
56 86.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 71.138 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:107 Resp: 1436440
Ion Ratio Lower Upper
107 100
144 25.9 21.5 32.3
142 80.0 65.7 98.5

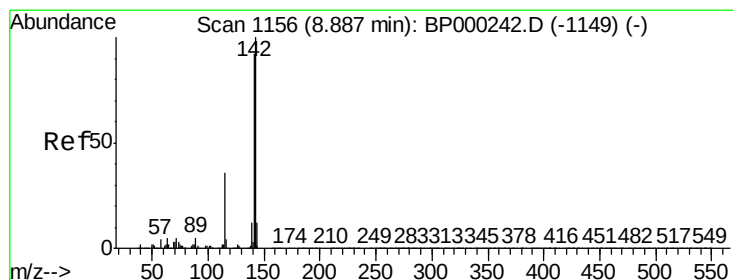
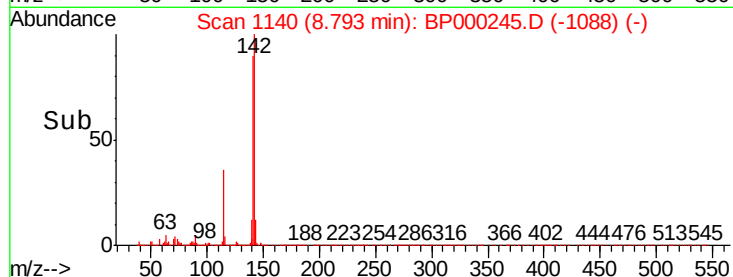
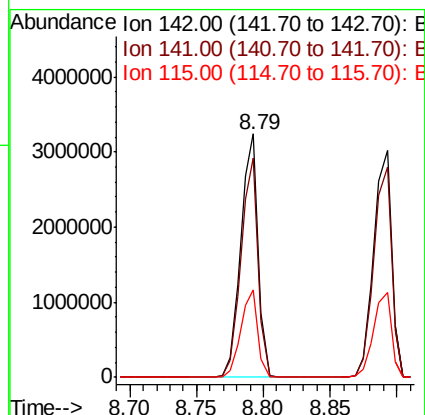
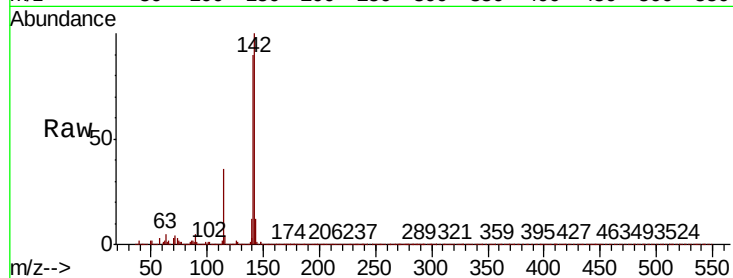




#37
2-Methylnaphthalene
Concen: 70.521 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

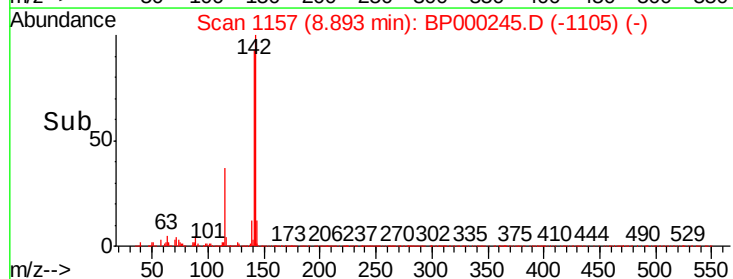
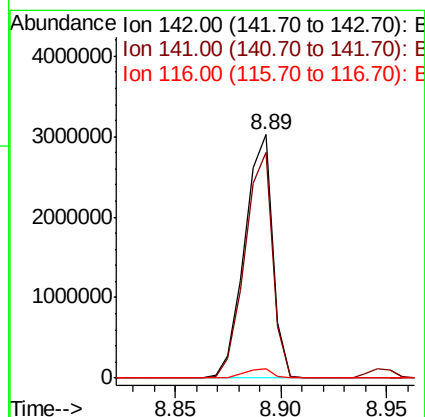
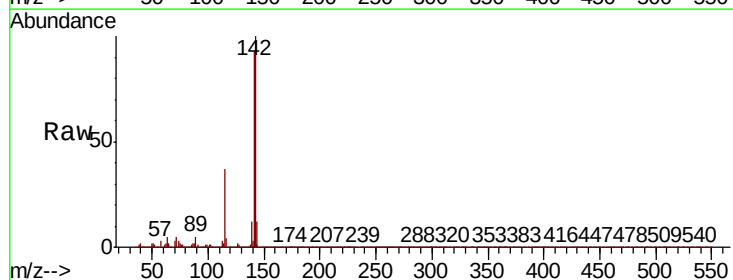
Instrument :
BNA_P
ClientSampleId :

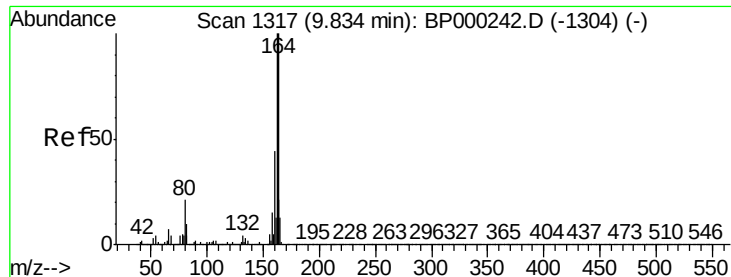
Tot Ion:142 Resp: 2933120
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 35.8 27.2 40.8



#38
1-Methylnaphthalene
Concen: 70.658 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:142 Resp: 2769030
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampled :

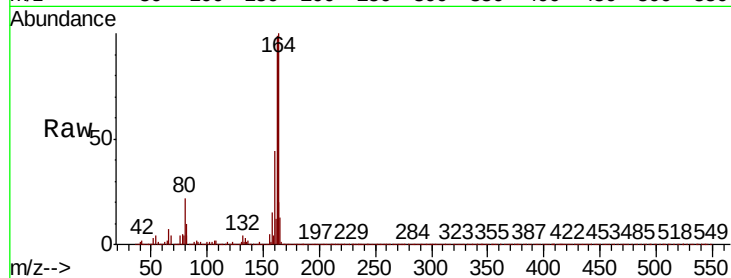
Tot Ion:164 Resp: 686343

Ion Ratio Lower Upper

164 100

162 99.4 79.9 119.9

160 44.1 35.6 53.4

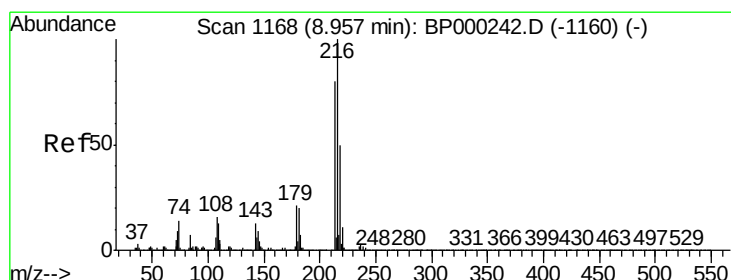
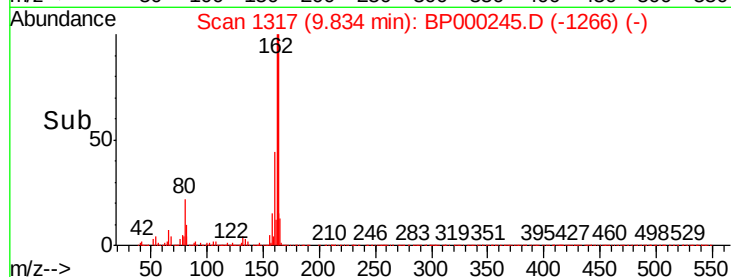
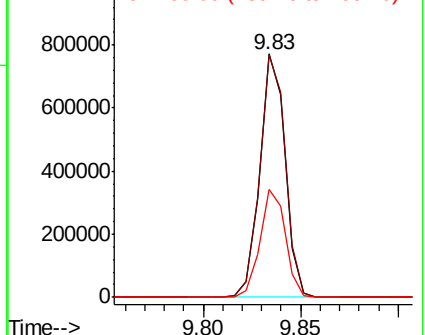


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.724 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Tgt Ion:216 Resp: 1451658

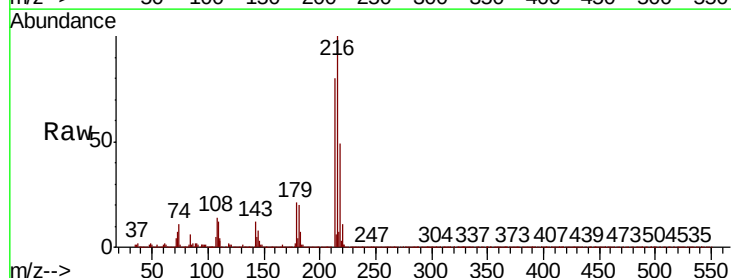
Ion Ratio Lower Upper

216 100

214 80.1 63.6 95.4

179 21.5 17.0 25.4

108 18.4 15.1 22.7



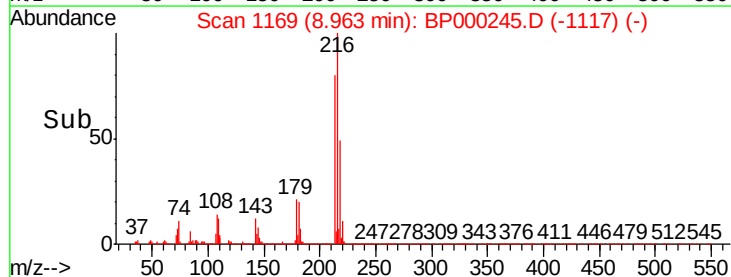
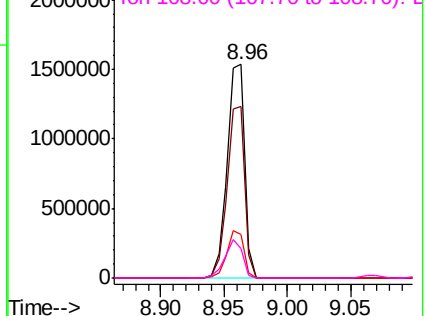
Abundance

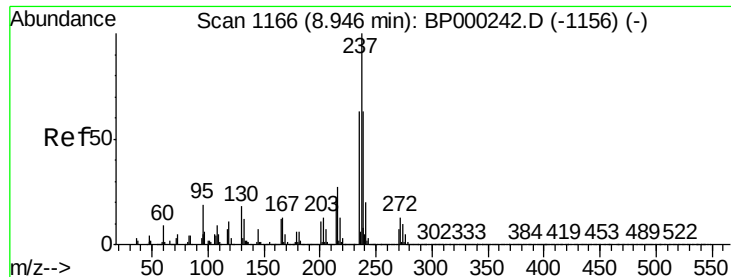
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

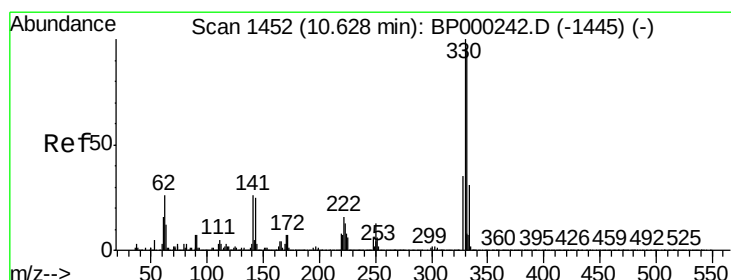
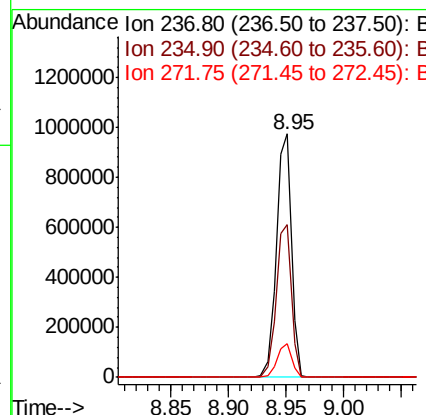
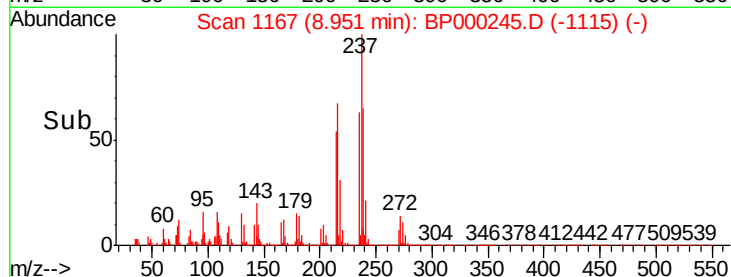
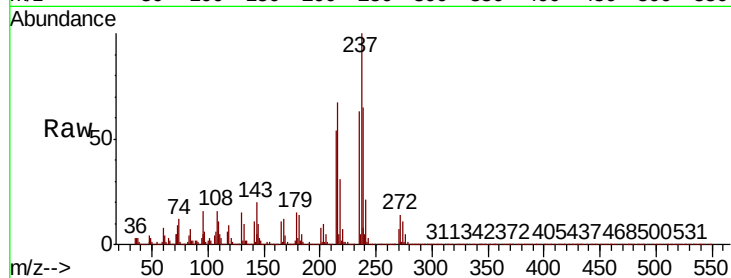




#41
Hexachlorocyclopentadiene
Concen: 82.914 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

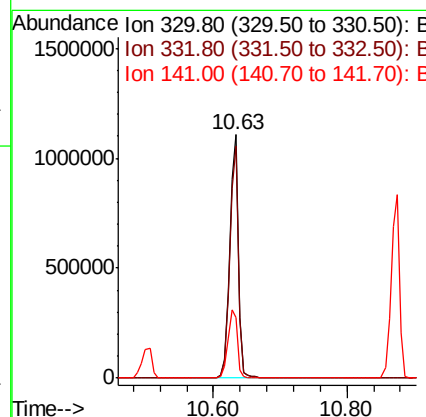
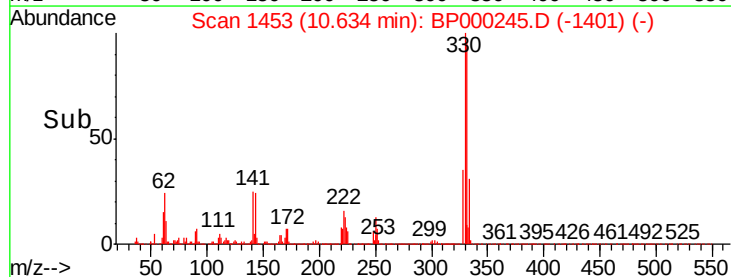
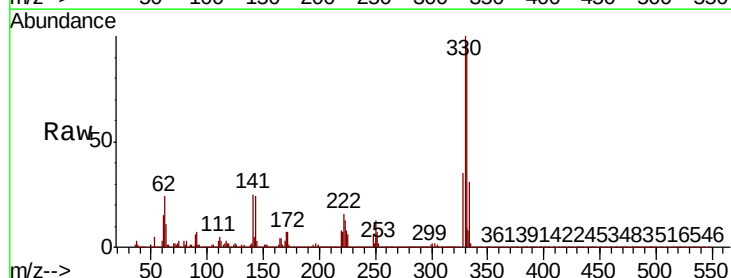
Instrument :
BNA_P
ClientSampleId :

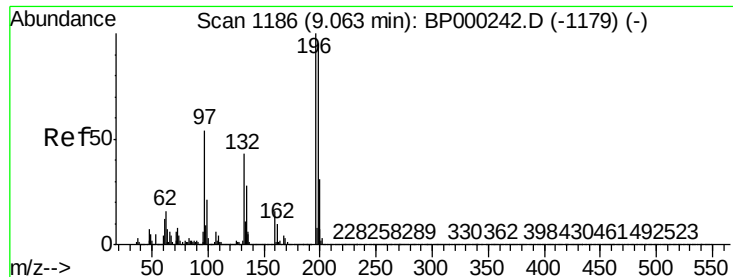
Tot Ion:237 Resp: 886901
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 175.045 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:330 Resp: 1012668
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 31.0 26.5 39.7

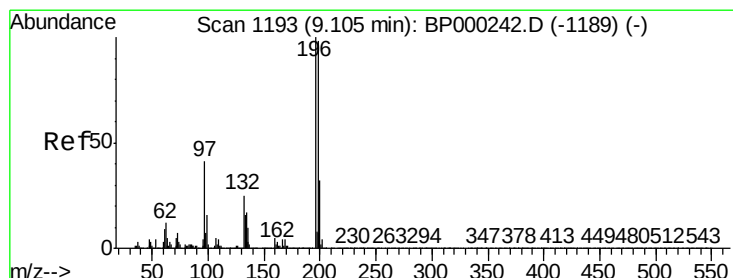
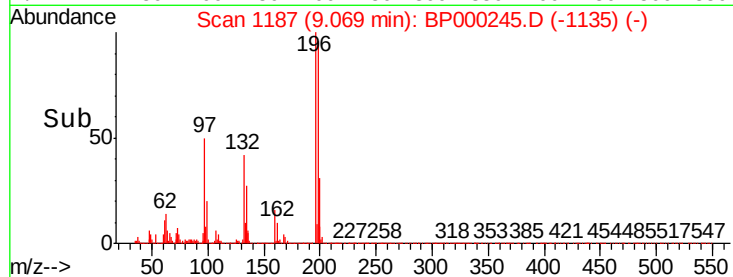
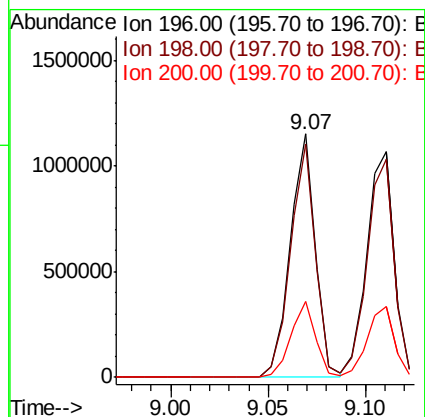
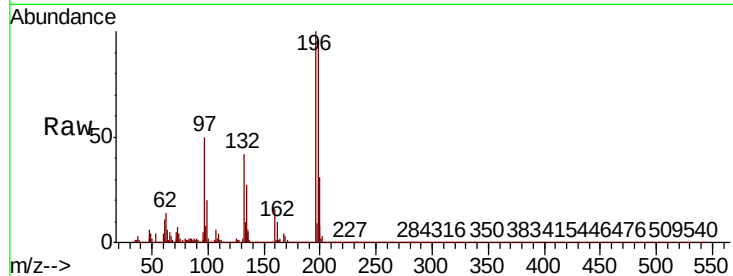




#43
2,4,6-Trichlorophenol
Concen: 76.331 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

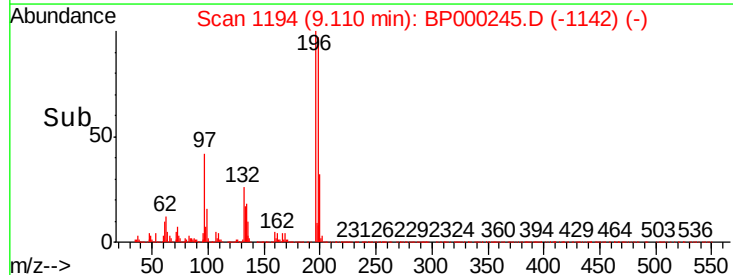
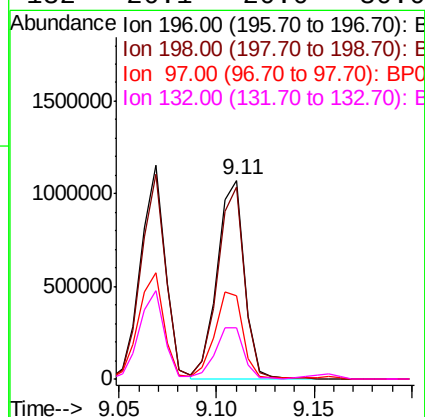
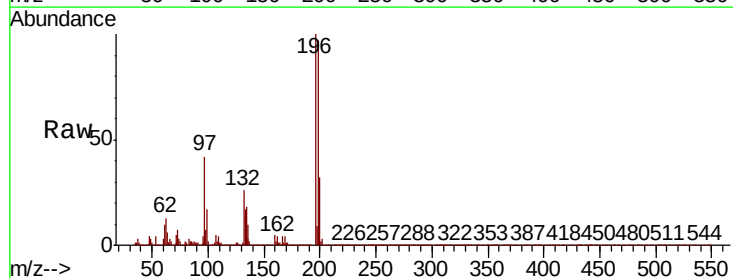
Instrument :
BNA_P
ClientSampleId :

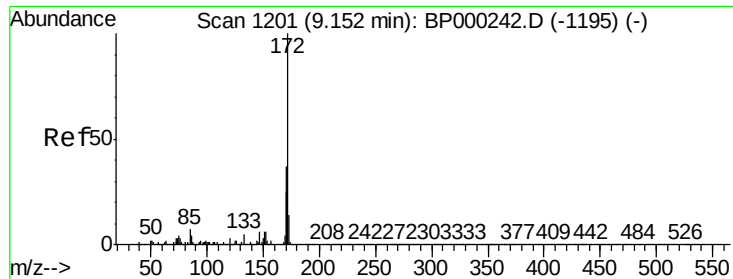
Tot Ion:196 Resp: 1022619
Ion Ratio Lower Upper
196 100
198 96.0 76.0 114.0
200 31.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 74.097 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:196 Resp: 1038639
Ion Ratio Lower Upper
196 100
198 96.6 78.1 117.1
97 42.2 33.3 49.9
132 26.1 20.0 30.0

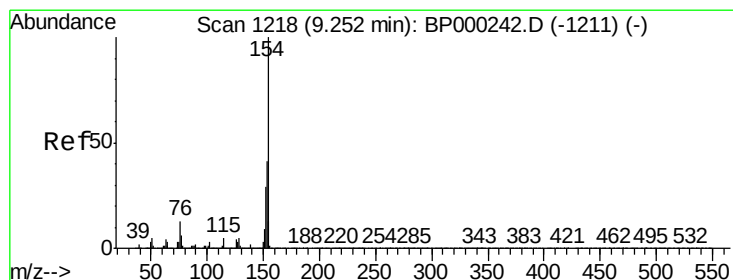
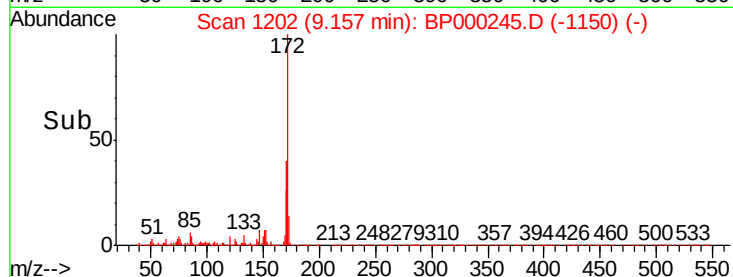
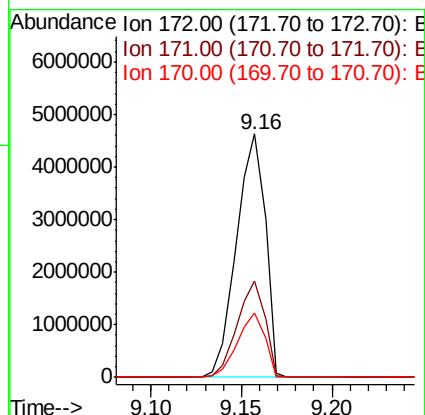
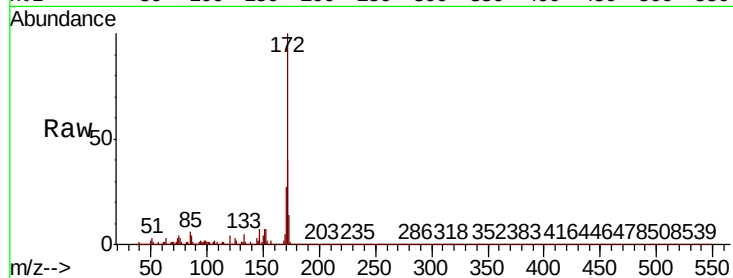




#45
2-Fluorobiphenyl
Concen: 124.378 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

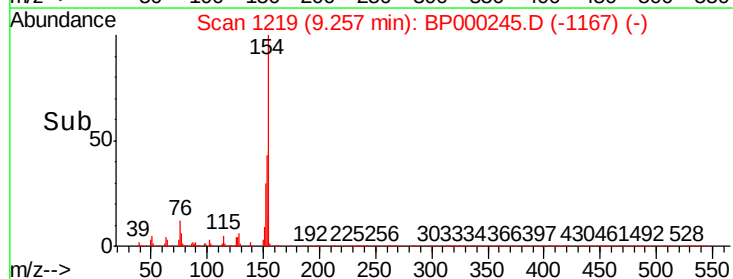
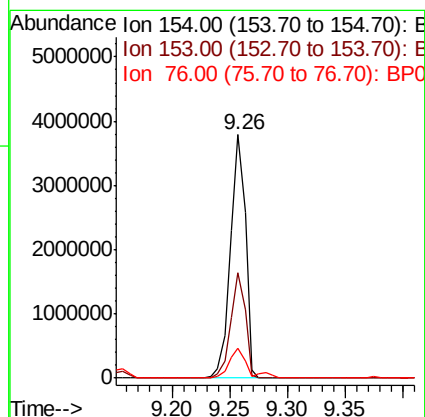
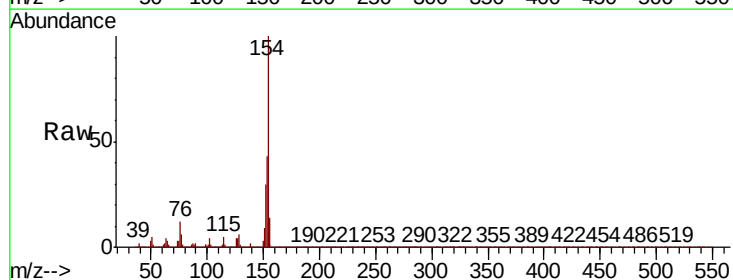
Instrument :
BNA_P
ClientSampleId :

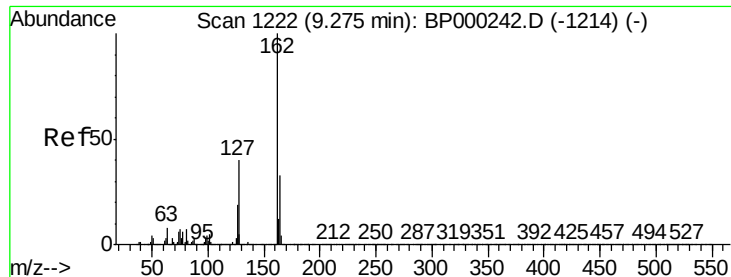
Tot Ion:172 Resp: 5111757
Ion Ratio Lower Upper
172 100
171 39.7 29.8 44.6
170 26.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 70.057 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:154 Resp: 3394484
Ion Ratio Lower Upper
154 100
153 43.4 21.4 61.4
76 12.3 0.0 33.4





#47

2-Chloronaphthalene

Concen: 71.925 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

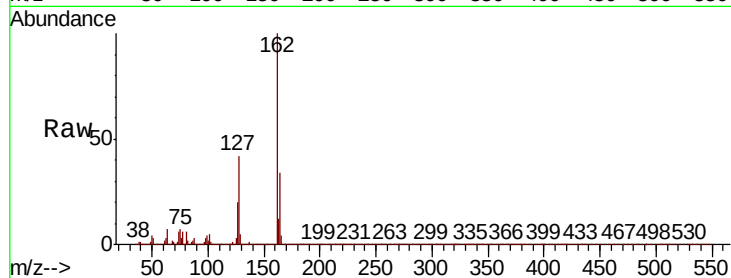
Tot Ion:162 Resp: 2892903

Ion Ratio Lower Upper

162 100

127 41.7 32.4 48.6

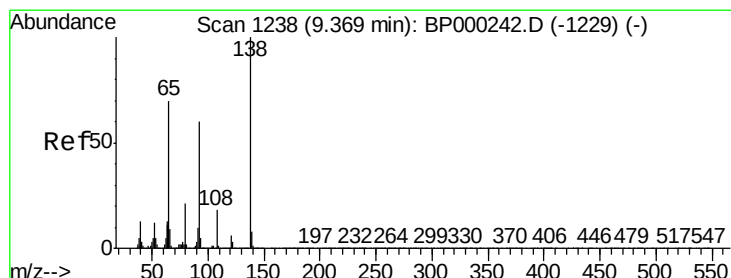
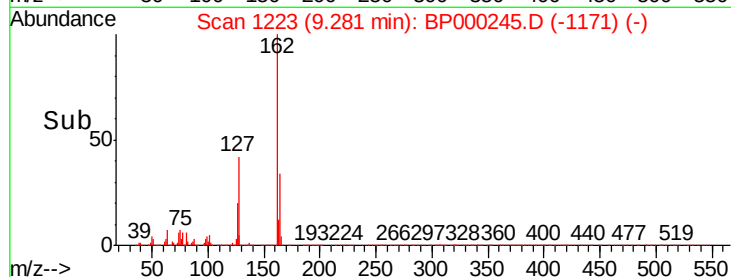
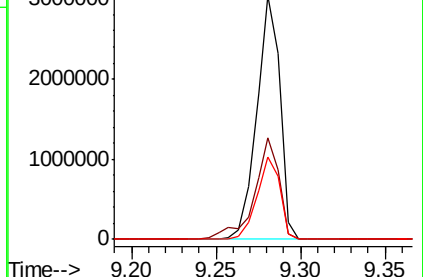
164 33.8 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 69.847 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

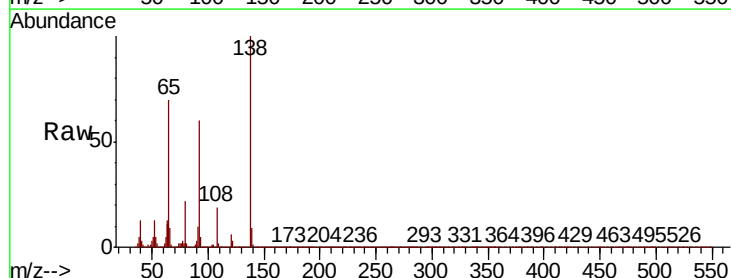
Tgt Ion: 65 Resp: 758820

Ion Ratio Lower Upper

65 100

92 86.4 68.7 103.1

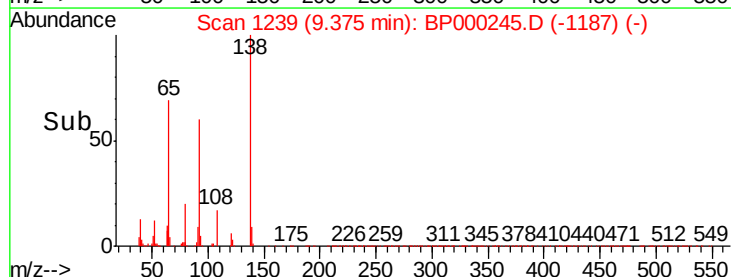
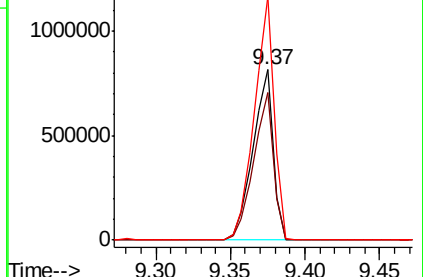
138 143.0 114.4 171.6

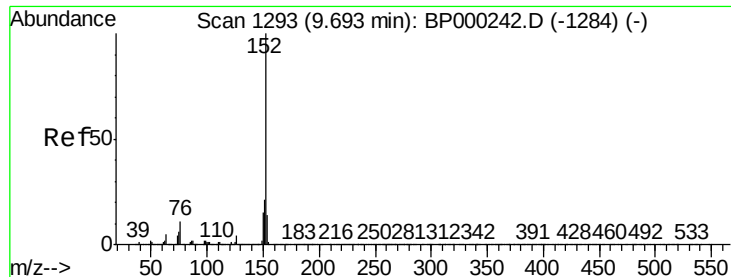


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E

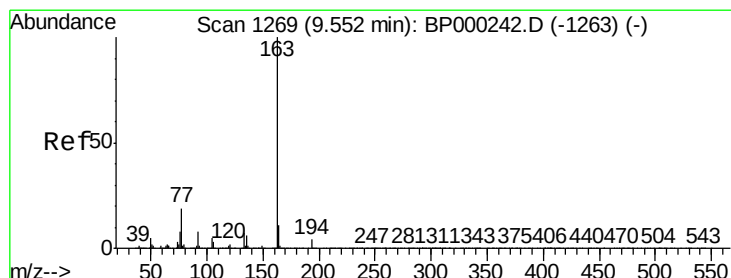
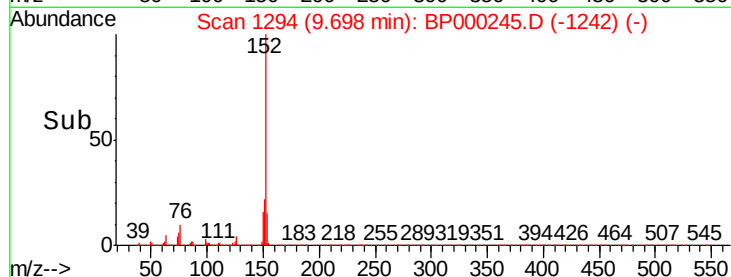
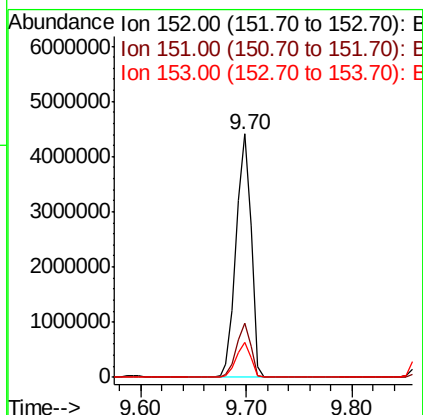
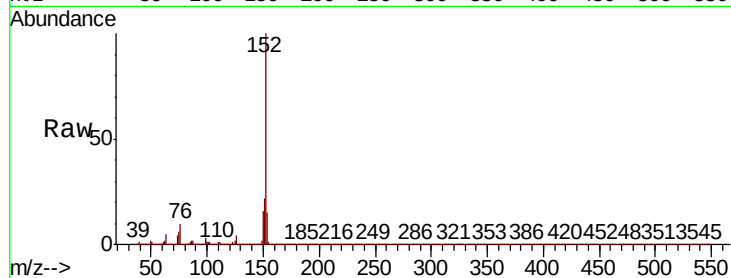




#49
Acenaphthylene
Concen: 71.369 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

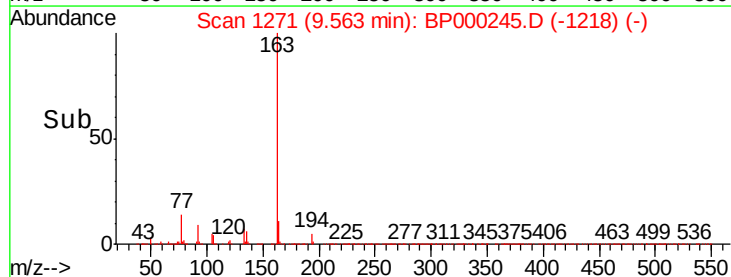
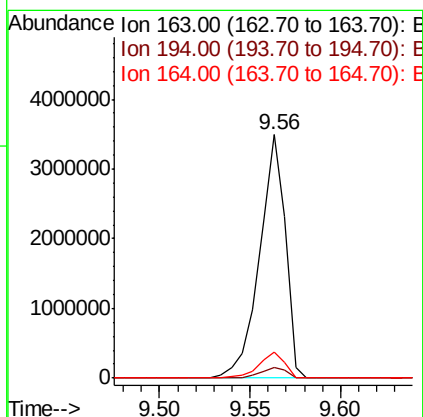
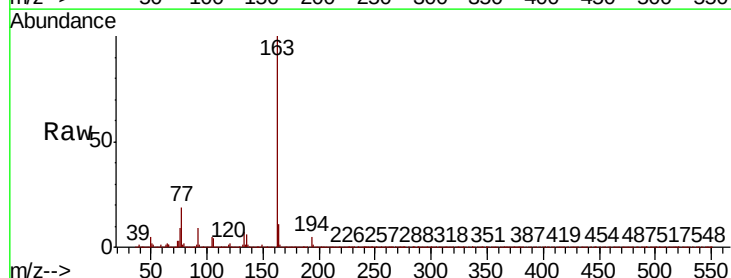
Instrument :
BNA_P
ClientSampled :

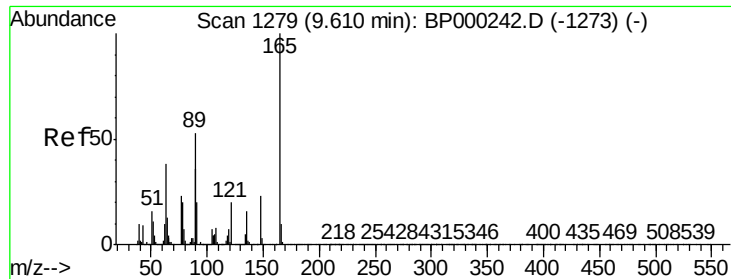
Tot Ion:152 Resp: 4259346
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 14.6 11.0 16.4



#50
Dimethylphthalate
Concen: 73.713 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:163 Resp: 3447575
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.7 8.5 12.7

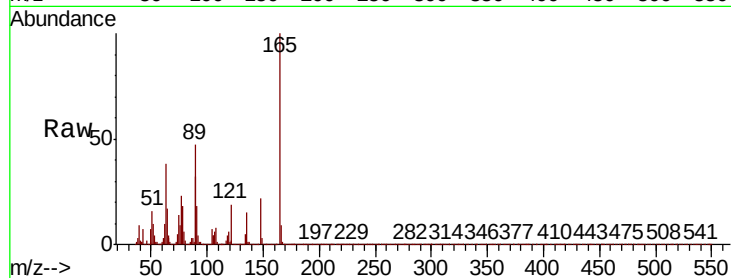




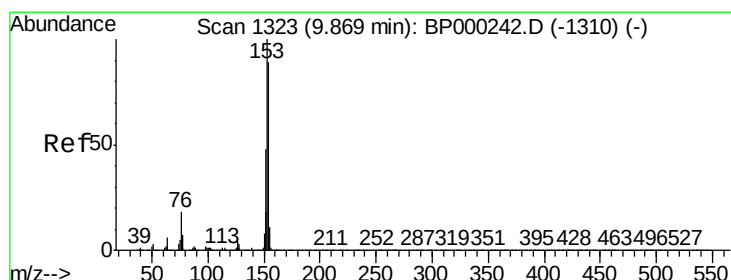
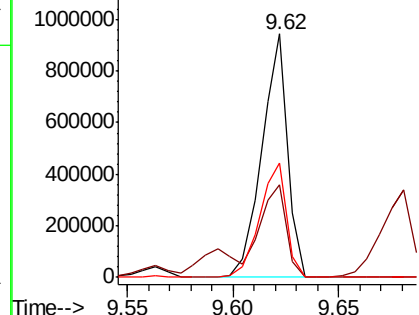
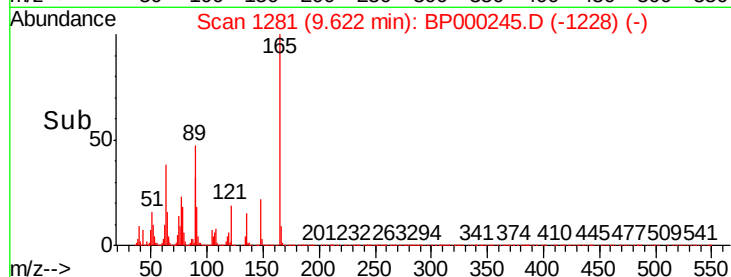
#51
 2,6-Dinitrotoluene
 Concen: 80.248 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:165 Resp: 796651
 Ion Ratio Lower Upper
 165 100
 63 37.8 35.8 53.8
 89 47.0 42.6 63.8

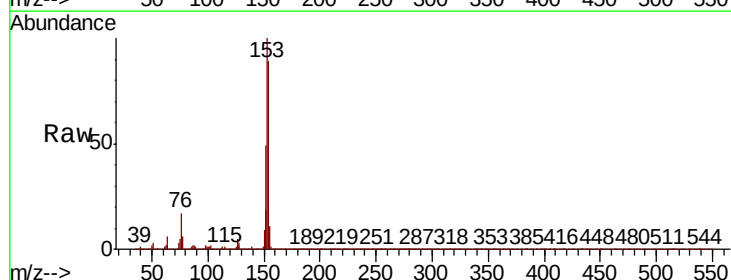


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 89.00 (88.70 to 89.70): BP0

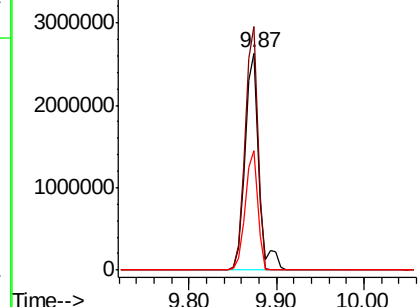
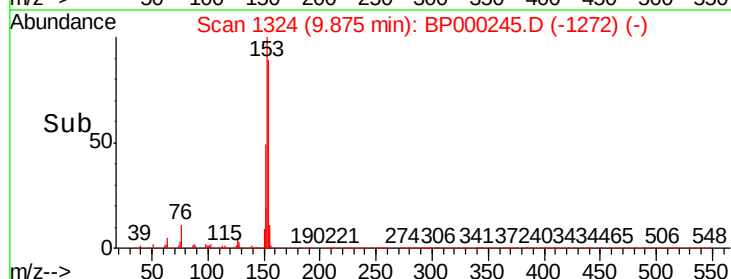


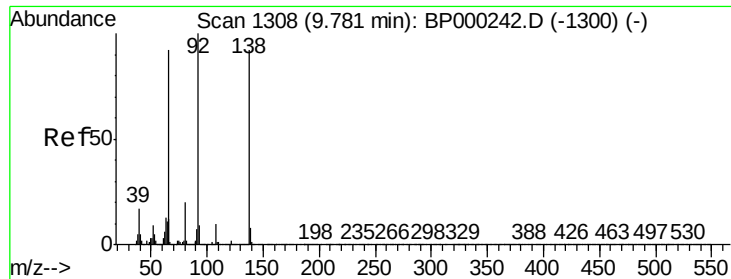
#52
 Acenaphthene
 Concen: 73.697 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

Tgt Ion:154 Resp: 2759869
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.8 134.6
 152 55.1 43.4 65.0



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

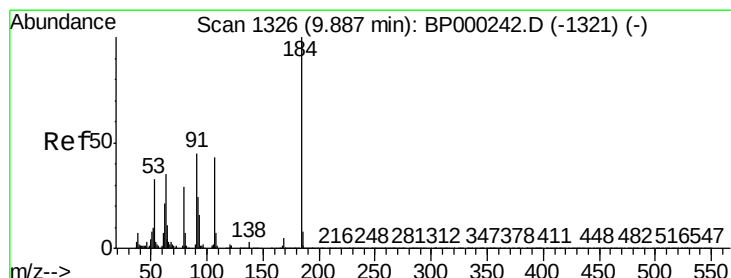
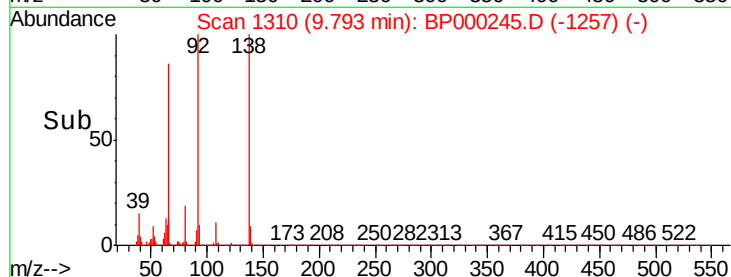
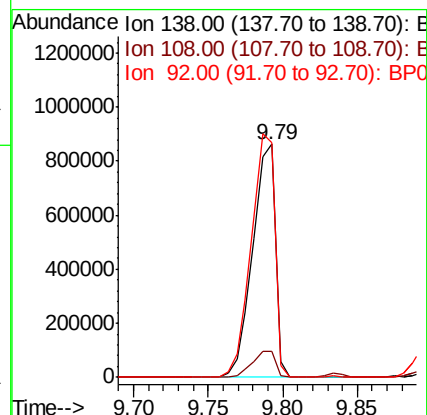
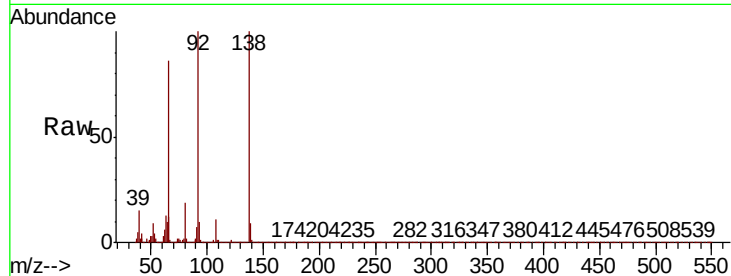




#53
3-Nitroaniline
Concen: 76.743 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

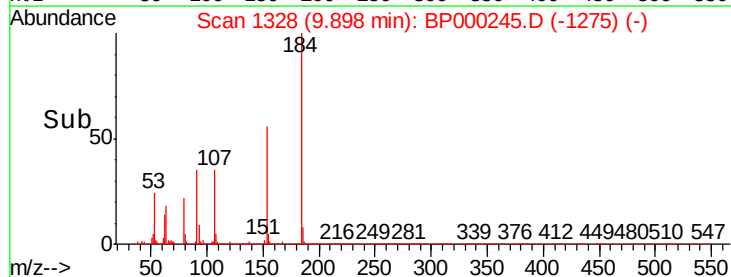
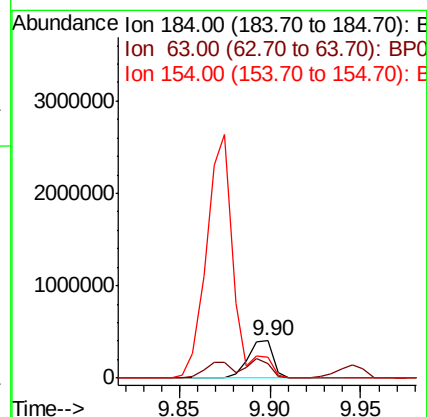
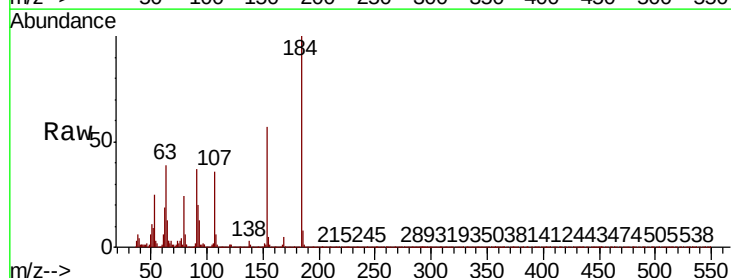
Instrument :
BNA_P
ClientSampled :

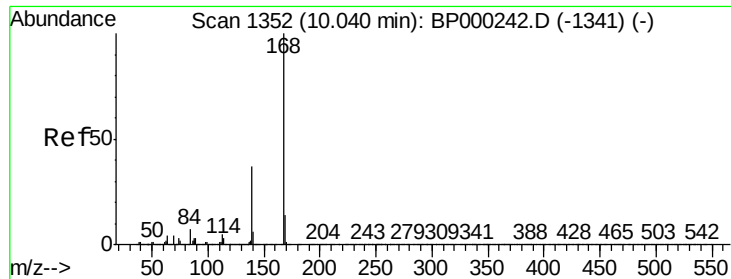
Tot Ion:138 Resp: 910145
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 100.5 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 125.645 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:184 Resp: 393864
Ion Ratio Lower Upper
184 100
63 39.1 39.5 59.3#
154 56.5 48.8 73.2

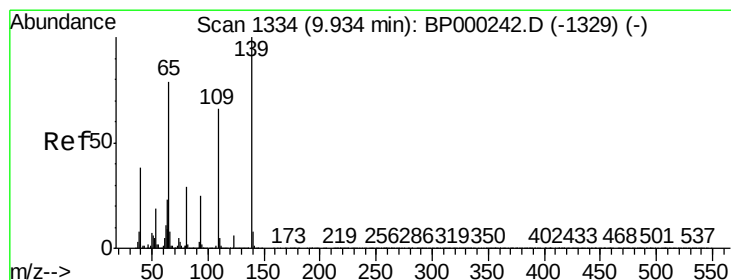
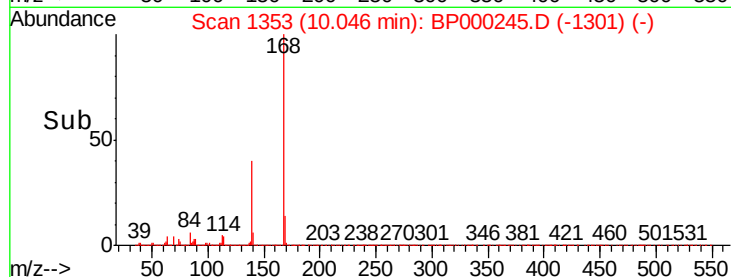
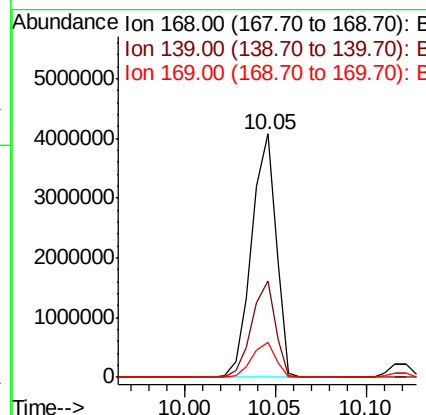
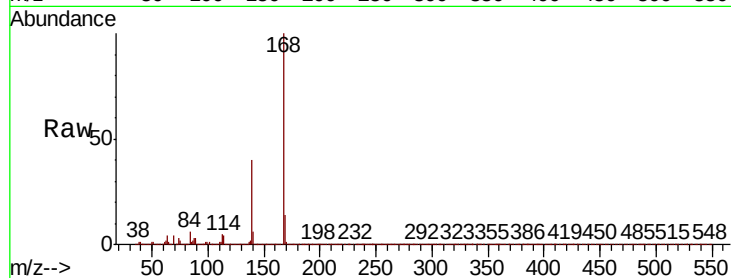




#55
Dibenzofuran
Concen: 72.171 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

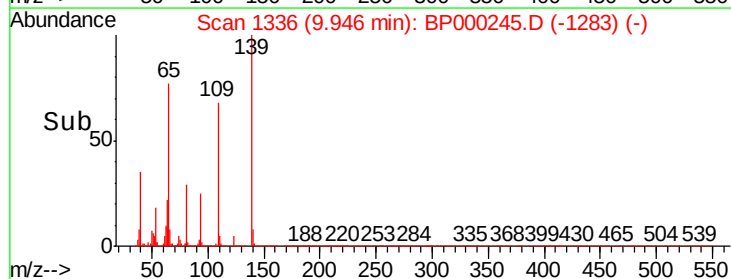
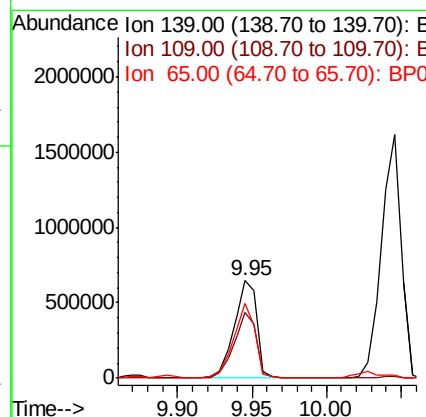
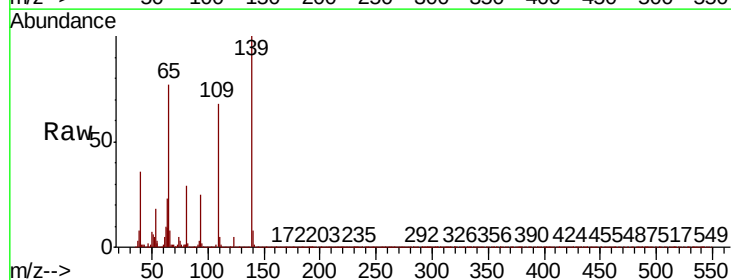
Instrument :
BNA_P
ClientSampled :

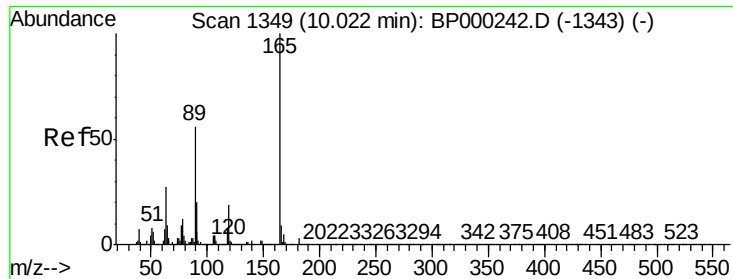
Tot Ion:168 Resp: 3837889
Ion Ratio Lower Upper
168 100
139 39.7 30.0 45.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 81.518 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:139 Resp: 691020
Ion Ratio Lower Upper
139 100
109 68.2 46.2 86.2
65 76.8 59.4 99.4

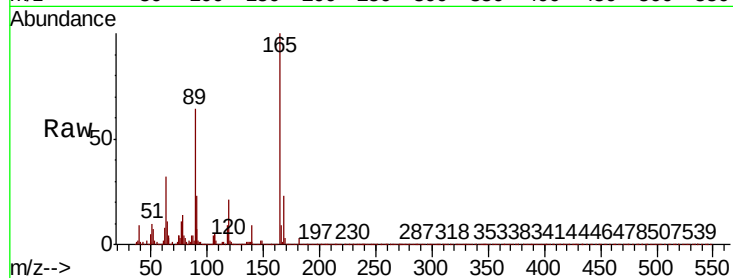




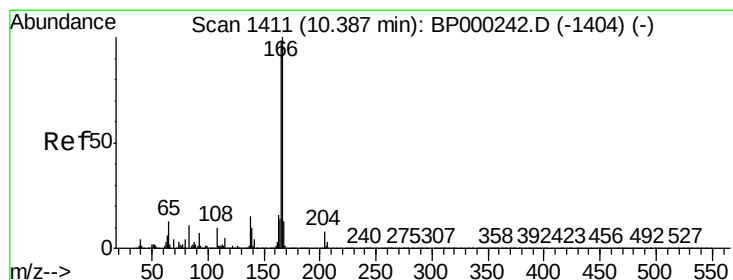
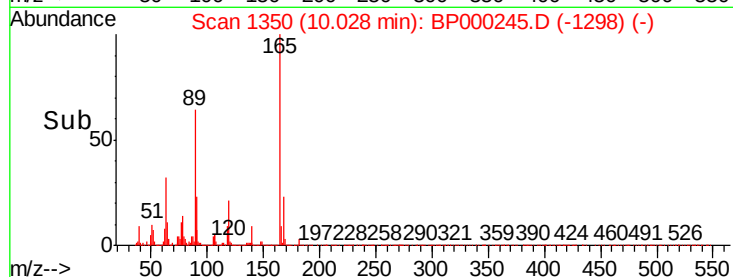
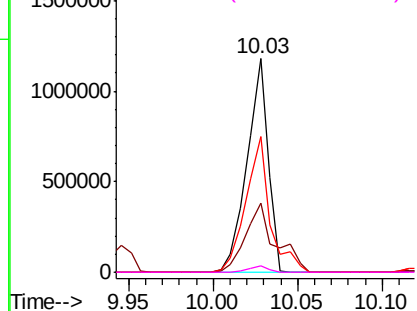
#57
2,4-Dinitrotoluene
Concen: 81.900 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 1037993
Ion Ratio Lower Upper
165 100
63 32.2 21.7 32.5
89 63.7 45.0 67.6
182 3.0 2.4 3.6

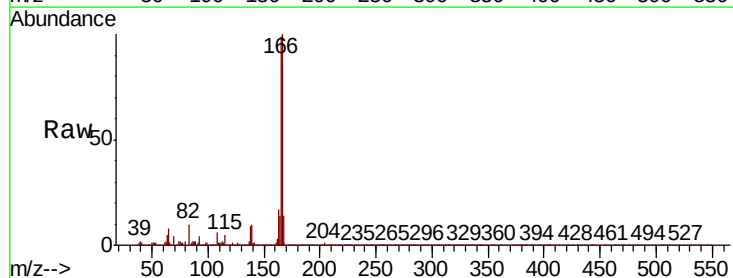


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

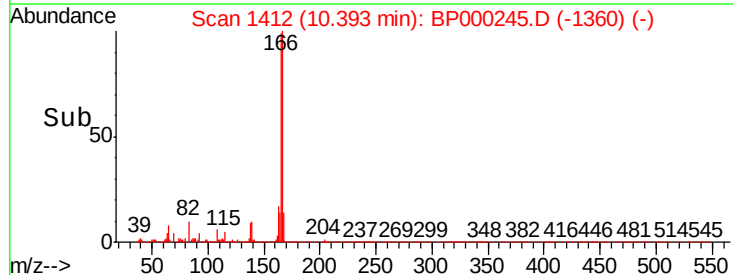
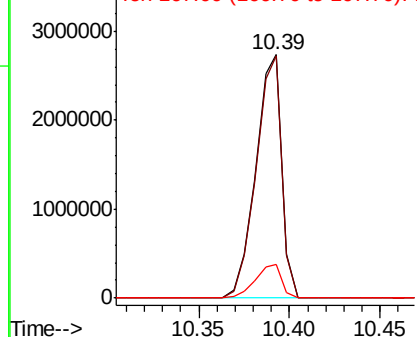


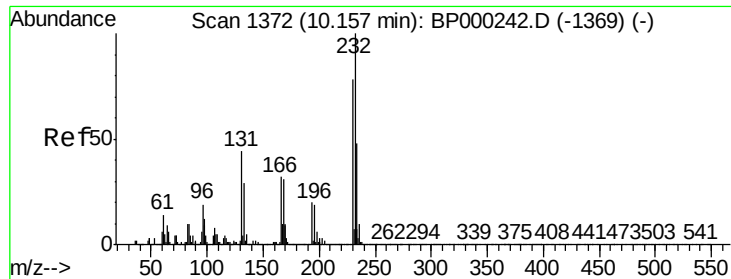
#58
Fluorene
Concen: 67.694 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:166 Resp: 2709243
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 13.6 10.7 16.1



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

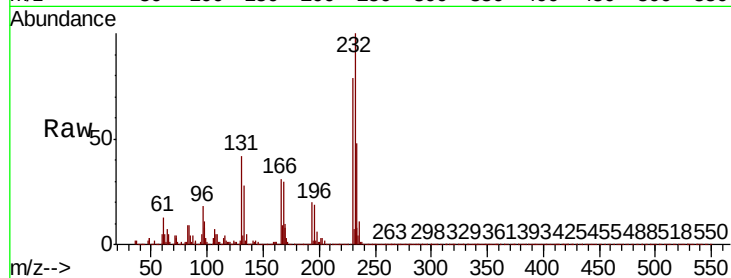




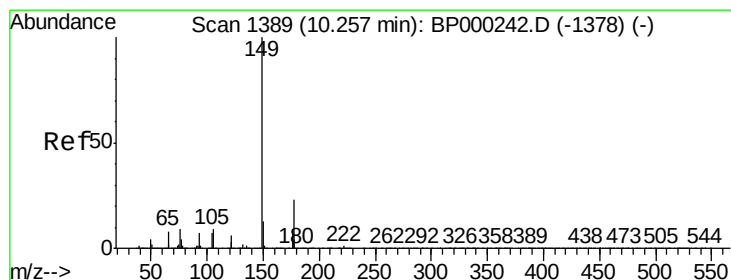
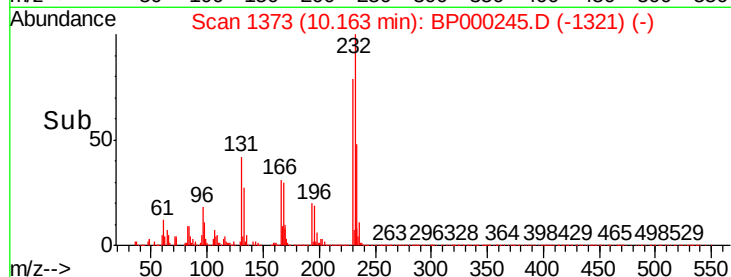
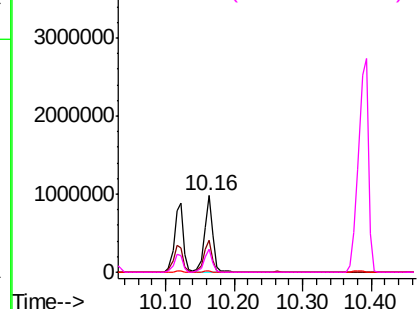
#59
2,3,4,6-Tetrachlorophenol
Concen: 78.788 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	232	Resp:	836197
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.6	50.4
130	2.2	1.8	2.6
166	30.1	24.2	36.2

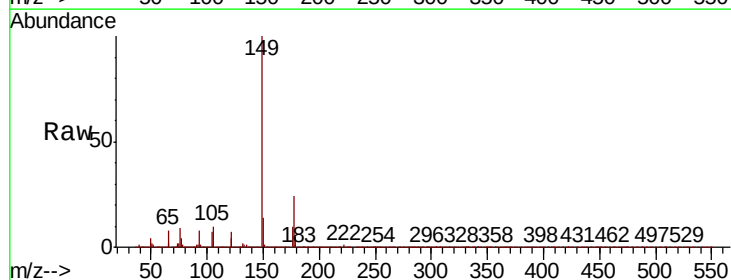


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

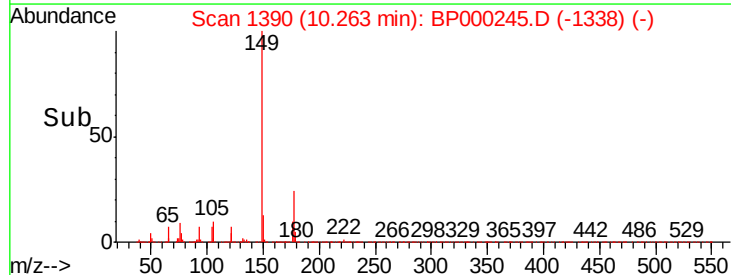
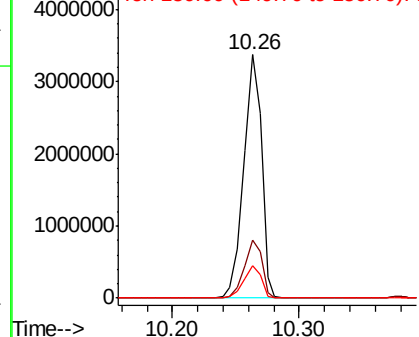


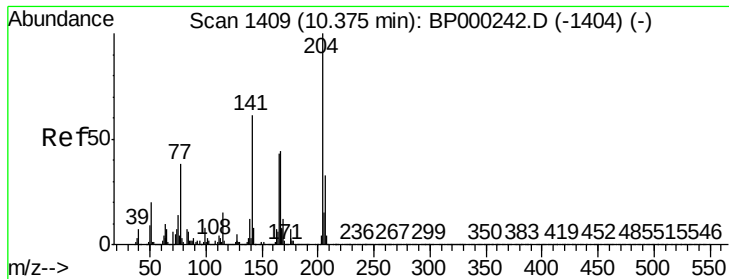
#60
Diethylphthalate
Concen: 69.005 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:	149	Resp:	3230478
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.1	27.1
150	13.5	10.3	15.5



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

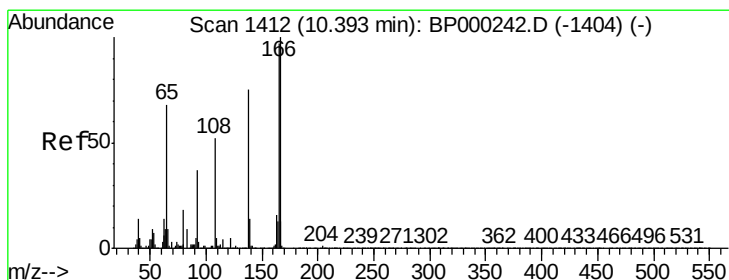
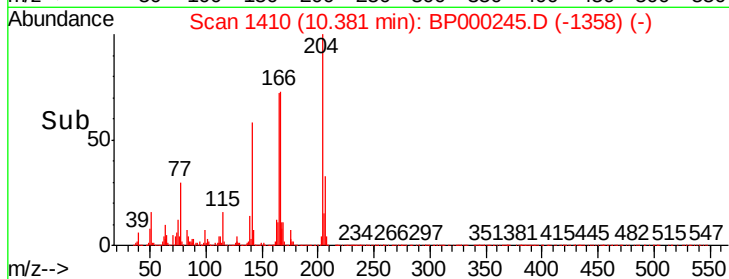
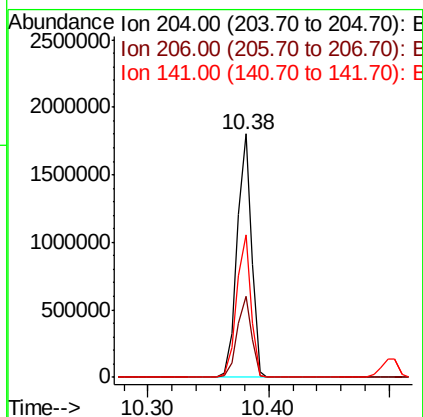
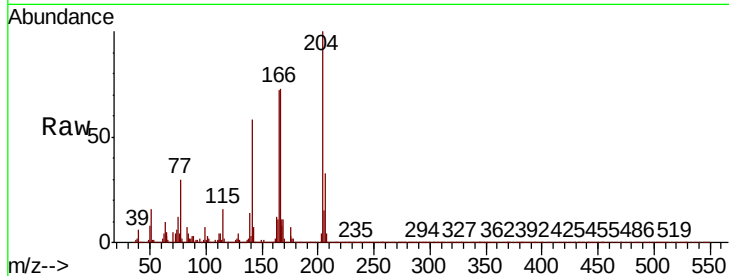




#61
4-Chlorophenyl-phenylether
Concen: 71.937 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

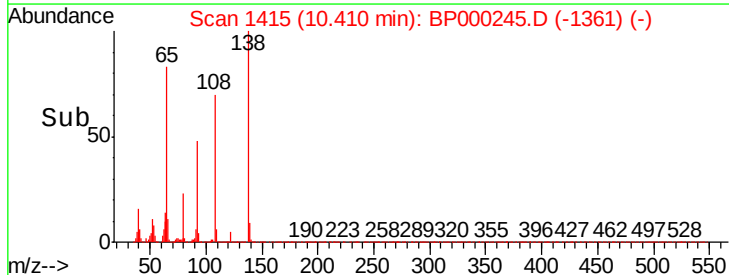
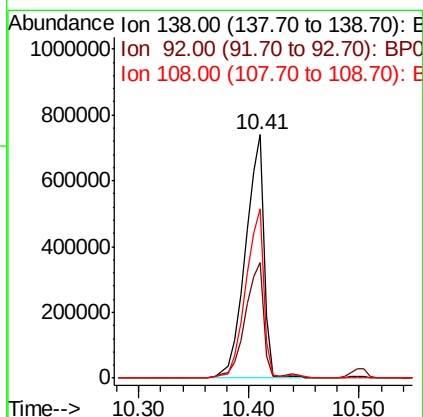
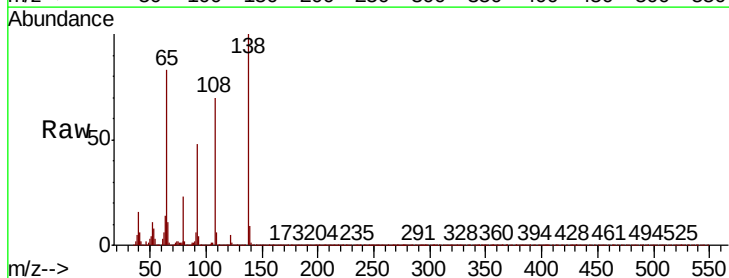
Instrument :
BNA_P
ClientSampled :

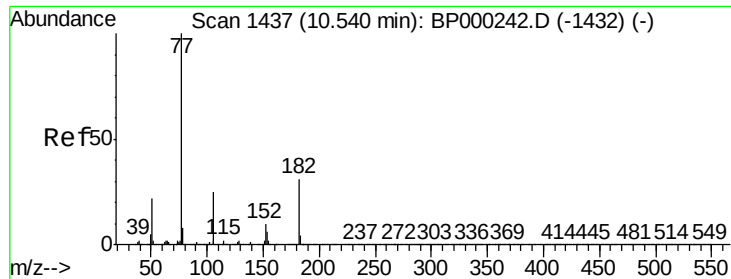
Tot Ion:204 Resp: 1496431
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 58.5 48.6 72.8



#62
4-Nitroaniline
Concen: 77.429 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:138 Resp: 875885
Ion Ratio Lower Upper
138 100
92 47.6 30.1 70.1
108 69.8 49.5 89.5





#63

Azobenzene

Concen: 59.889 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 2684880

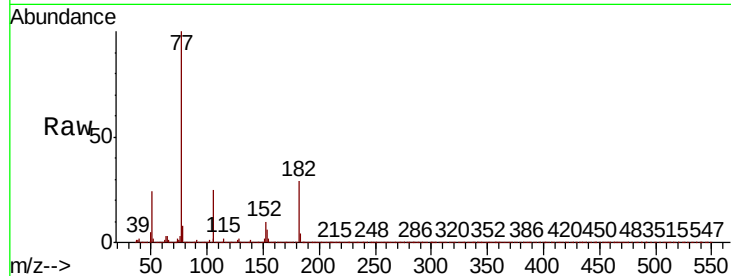
Ion	Ratio	Lower	Upper
77	100		
182	29.4	11.1	51.1
105	24.9	4.7	44.7
51	23.6	2.2	42.2

77 100

182 29.4 11.1 51.1

105 24.9 4.7 44.7

51 23.6 2.2 42.2



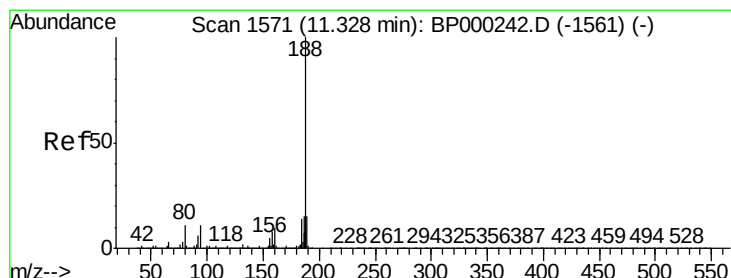
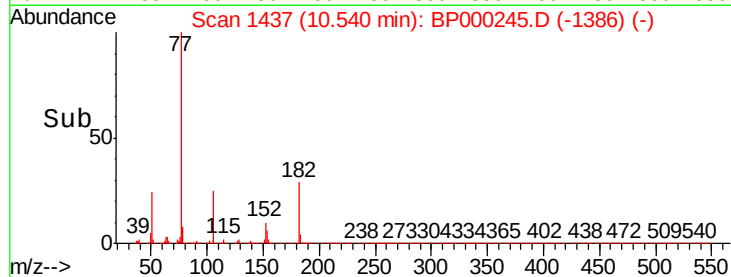
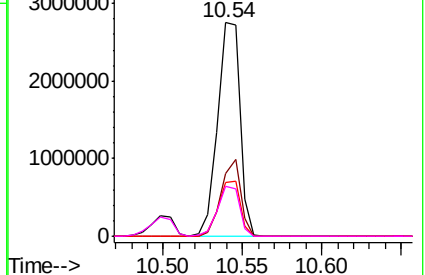
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

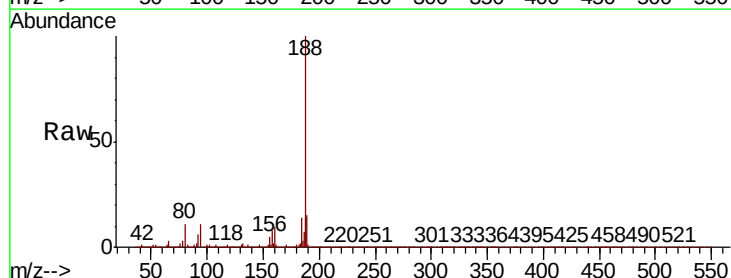
Tgt Ion: 188 Resp: 1214295

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.9	8.6	13.0

188 100

94 10.7 8.5 12.7

80 10.9 8.6 13.0

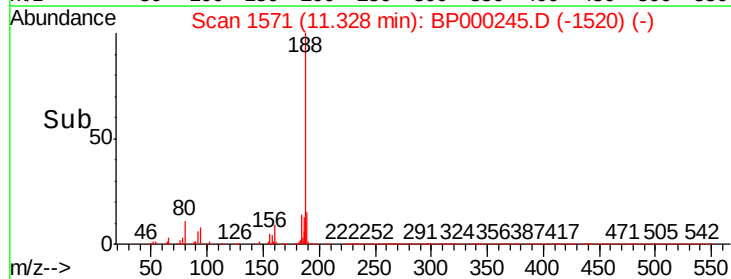
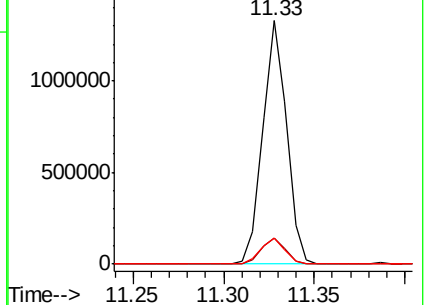


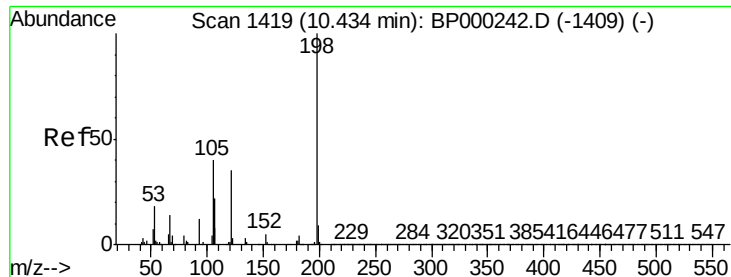
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 112.589 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampled :

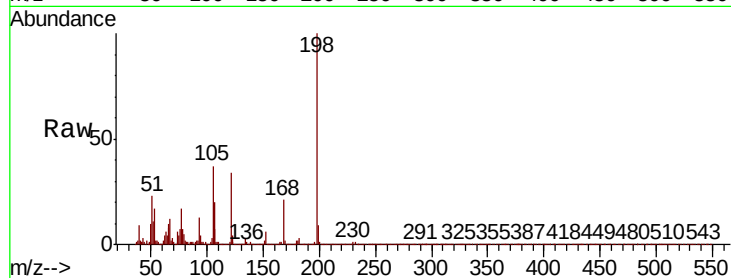
Tot Ion:198 Resp: 485368

Ion Ratio Lower Upper

198 100

51 22.8 7.4 47.4

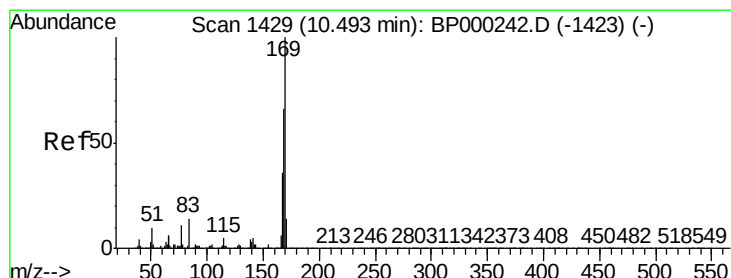
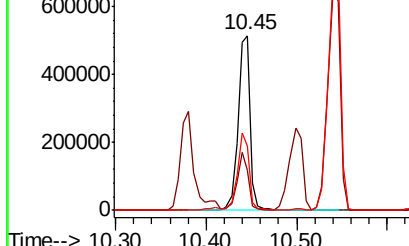
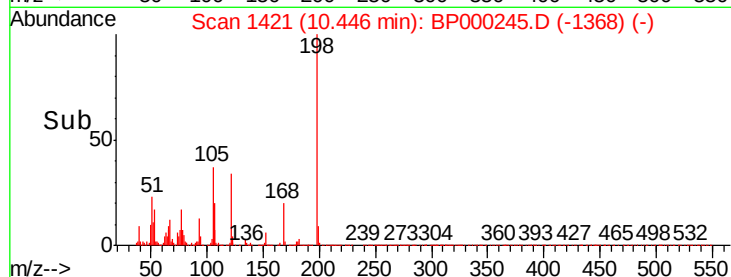
105 37.2 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 73.656 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

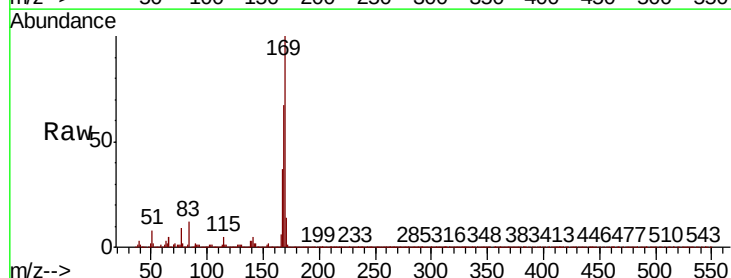
Tgt Ion:169 Resp: 2657238

Ion Ratio Lower Upper

169 100

168 67.2 52.9 79.3

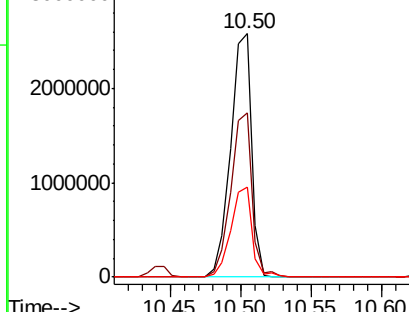
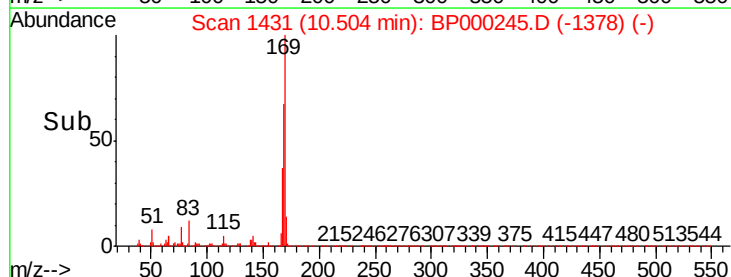
167 36.9 29.0 43.6

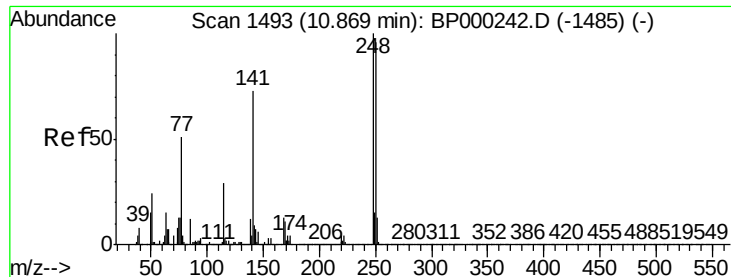


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

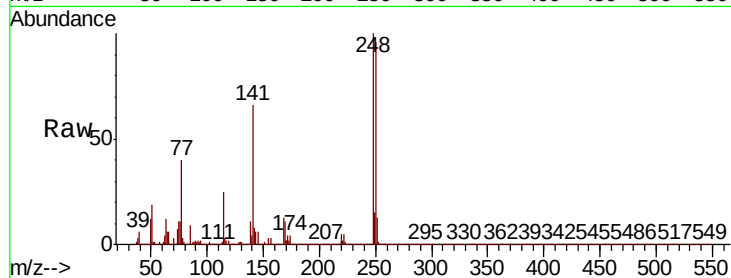




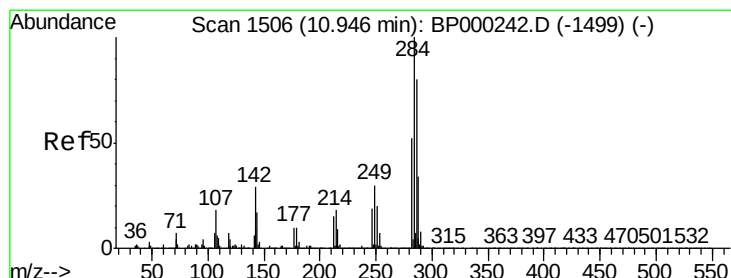
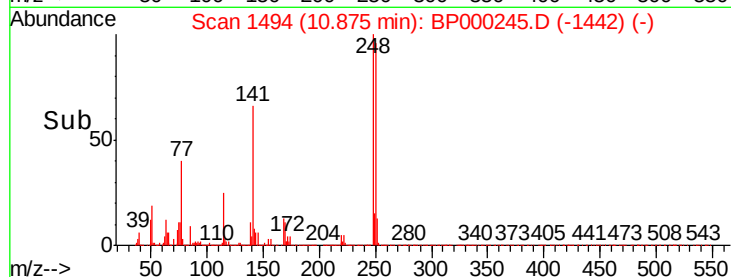
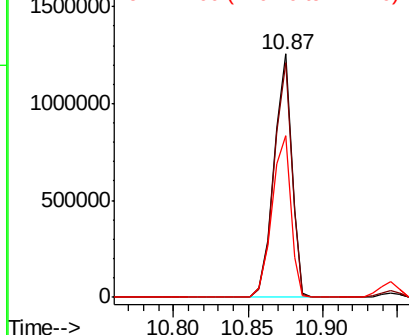
#67
4-Bromophenyl-phenylether
Concen: 84.246 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 1039638
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 66.2 58.5 87.7

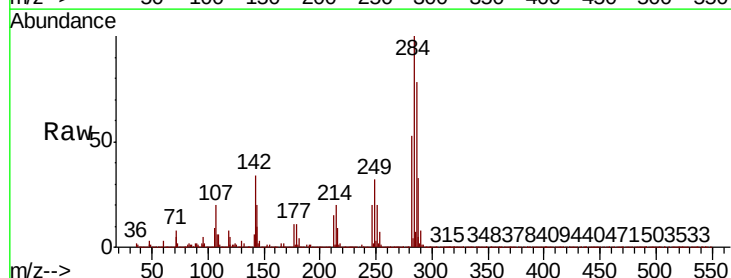


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

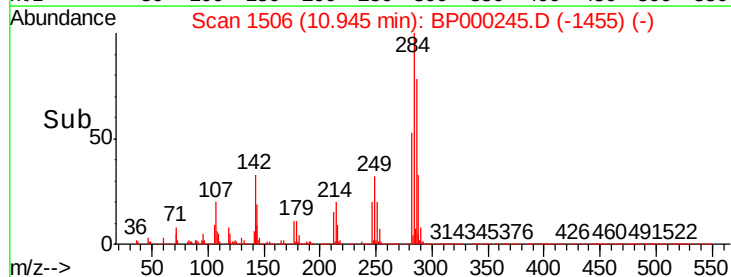
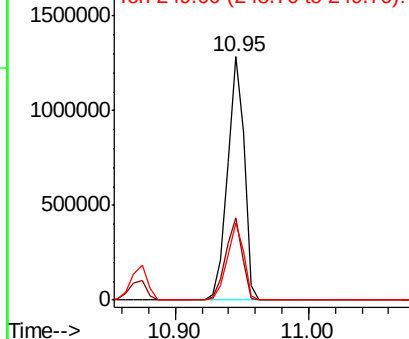


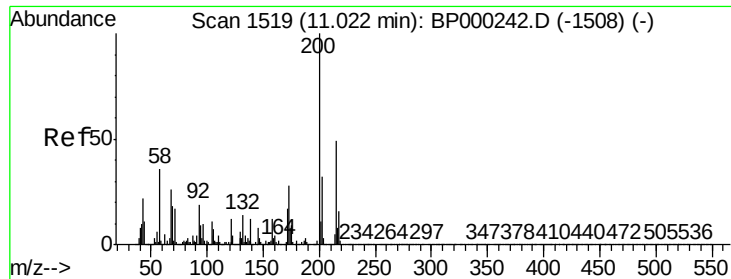
#68
Hexachlorobenzene
Concen: 84.575 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:284 Resp: 1137203
Ion Ratio Lower Upper
284 100
142 33.6 23.6 35.4
249 31.7 24.3 36.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.177 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

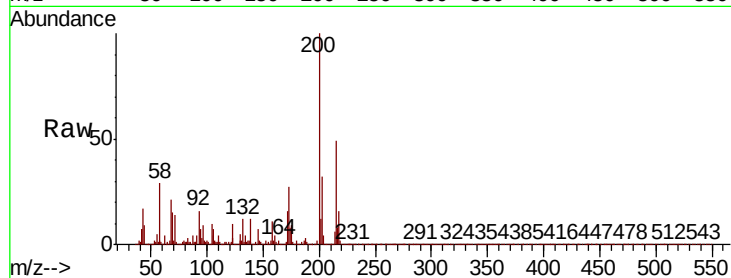
Tot Ion:200 Resp: 369232

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

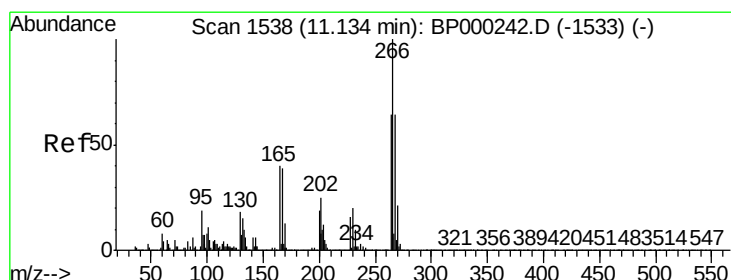
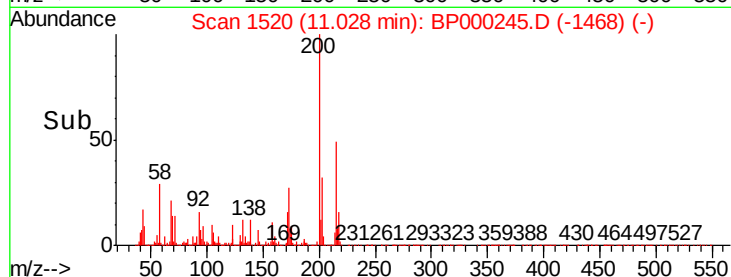
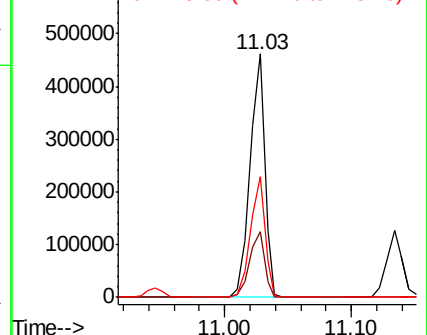
215 49.4 28.6 68.6



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: 84.381 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

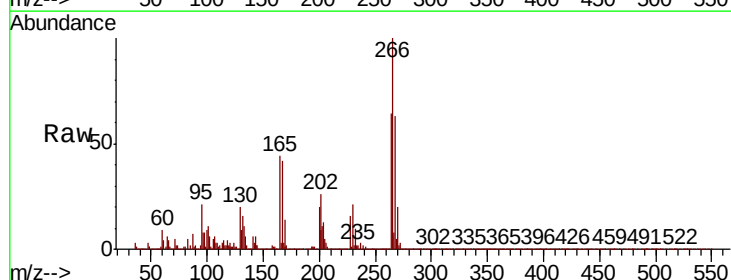
Tgt Ion:266 Resp: 614796

Ion Ratio Lower Upper

266 100

268 63.3 51.6 77.4

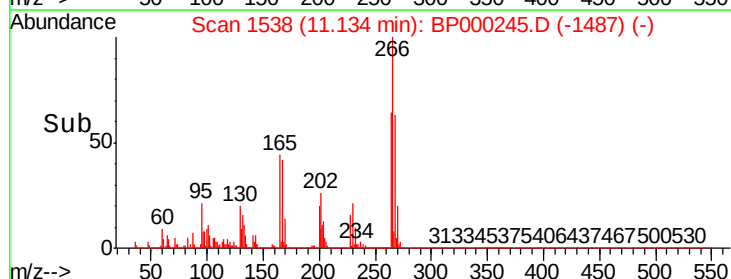
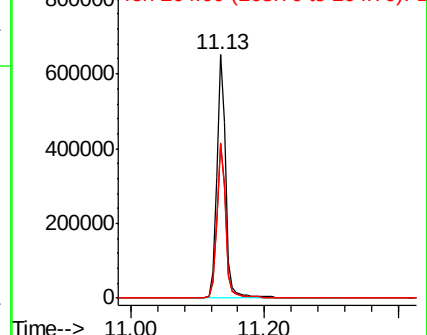
264 63.6 50.8 76.2

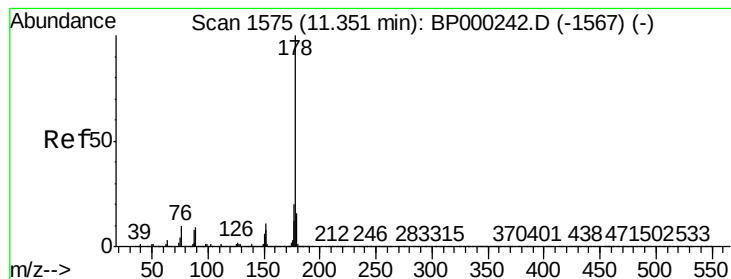


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 71.149 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

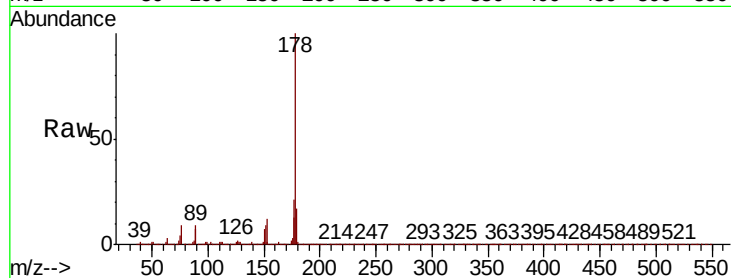
Tot Ion:178 Resp: 4306136

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	16.7	12.7	19.1

178 100

176 21.3 15.8 23.8

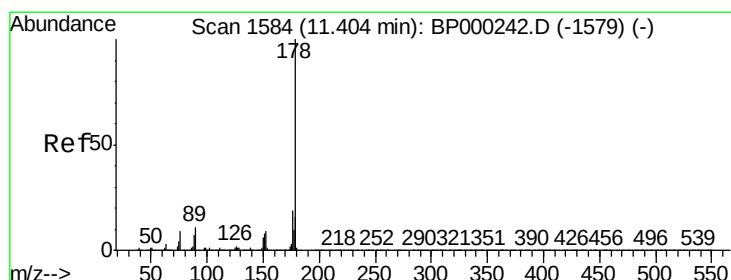
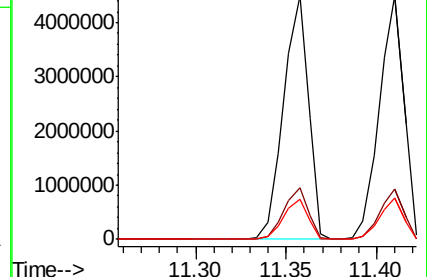
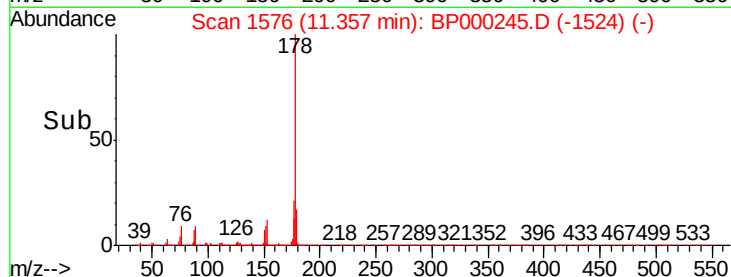
179 16.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 70.889 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

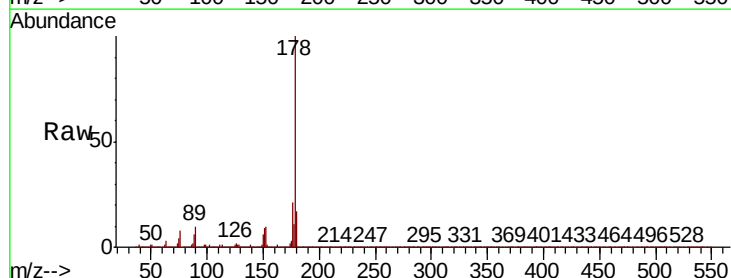
Tgt Ion:178 Resp: 4238230

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.0
179	17.0	12.7	19.1

178 100

176 20.7 15.4 23.0

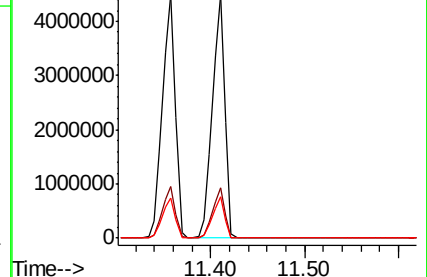
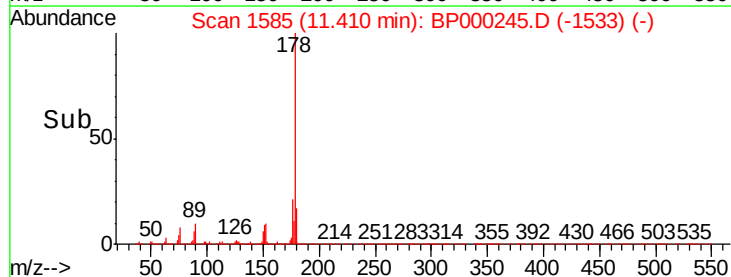
179 17.0 12.7 19.1

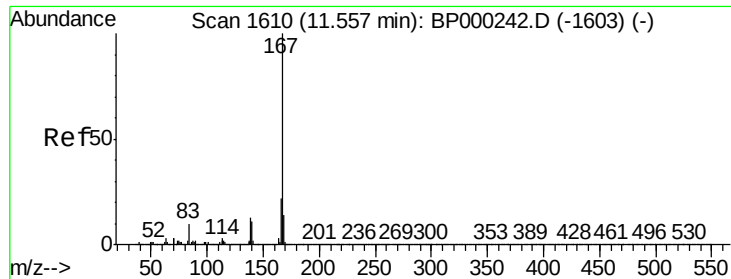


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



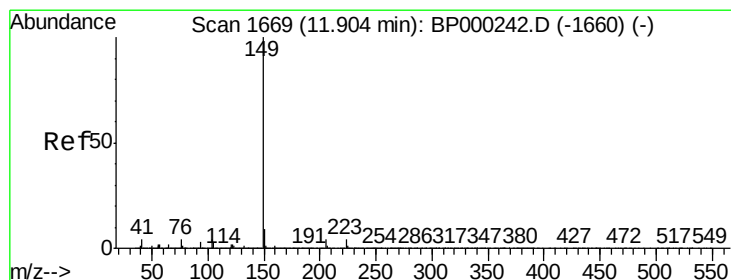
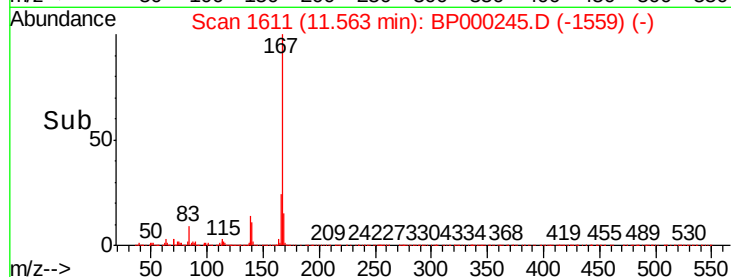
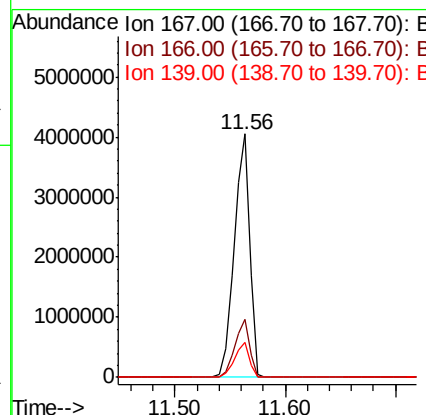
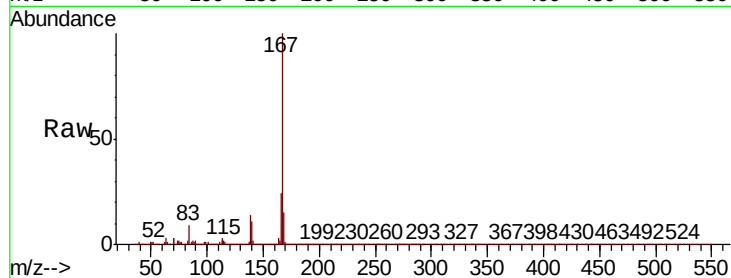


#73
 Carbazole
 Concen: 70.899 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:167 Resp: 4001057

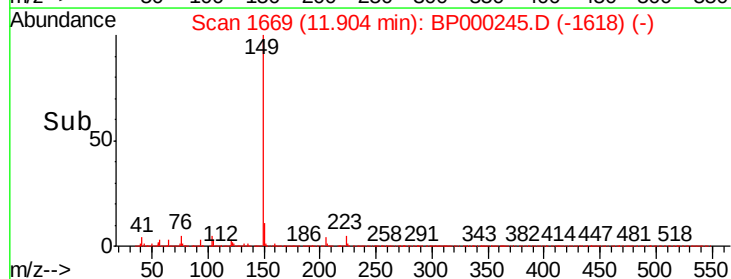
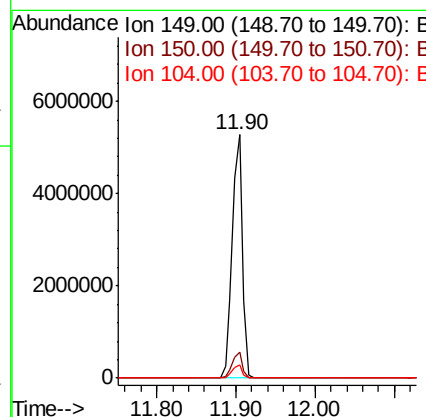
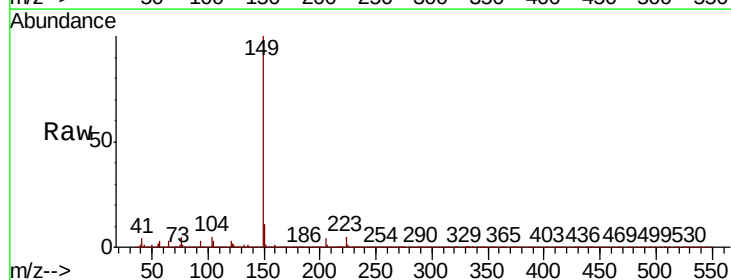
Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.8	26.8
139	14.2	10.8	16.2

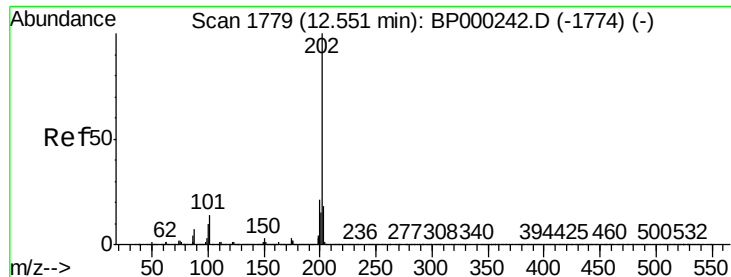


#74
 Di-n-butylphthalate
 Concen: 68.917 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

Tgt Ion:149 Resp: 4715895

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.4	11.2
104	5.4	3.5	5.3





#75

Fluoranthene

Concen: 68.603 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

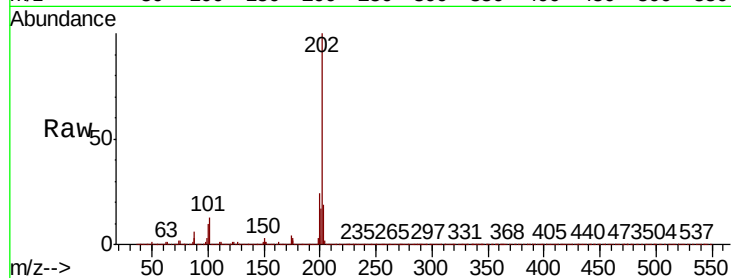
Tot Ion:202 Resp: 4511980

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.9
203	19.5	0.0	38.0

202 100

101 12.8 0.0 33.9

203 19.5 0.0 38.0

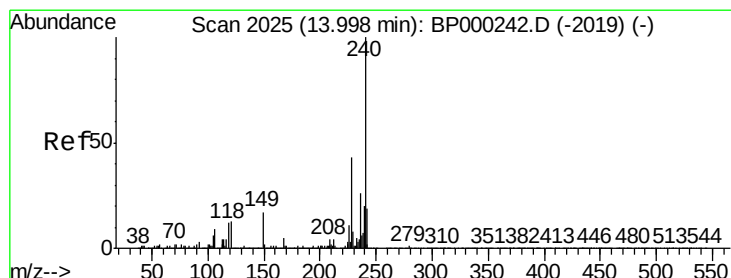
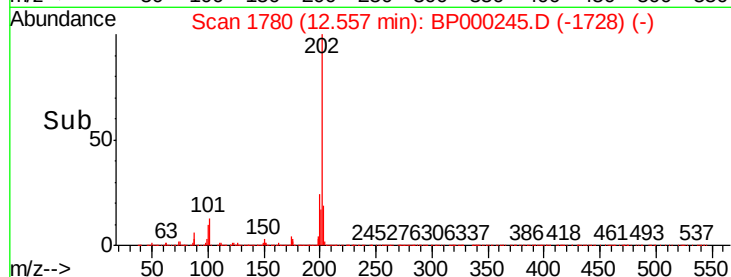
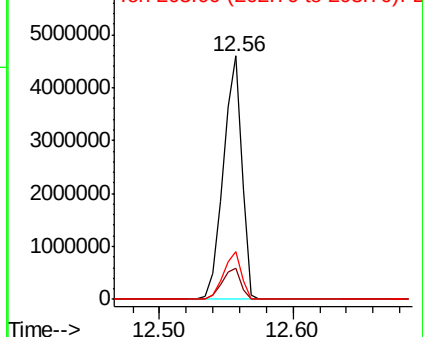


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

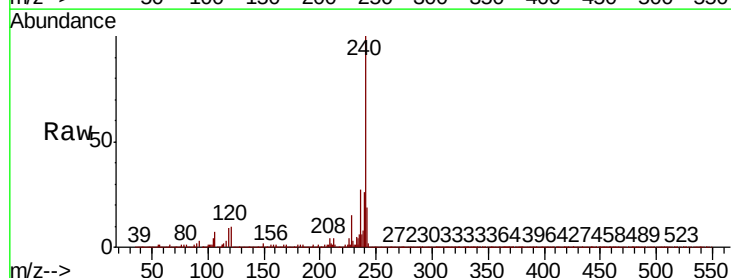
Tgt Ion:240 Resp: 829780

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.4	15.6#
236	26.9	21.0	31.6

240 100

120 10.2 10.4 15.6#

236 26.9 21.0 31.6

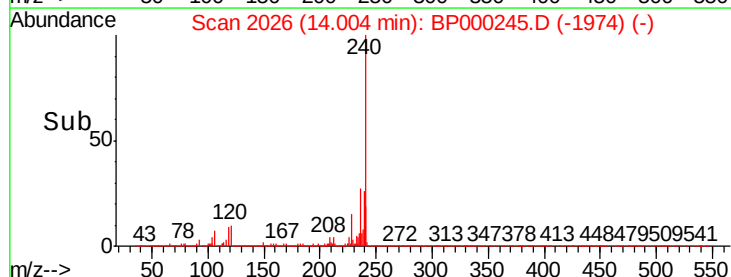
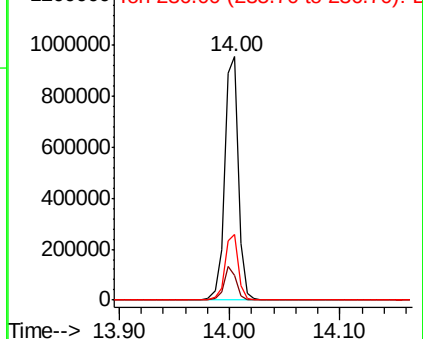


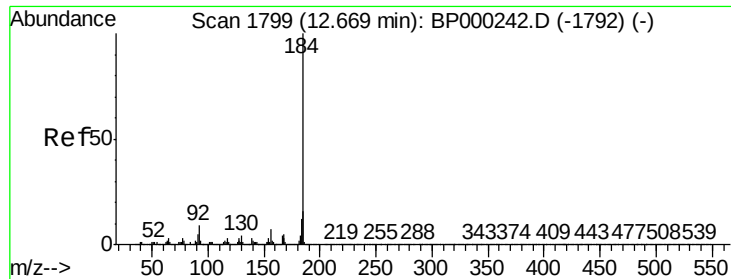
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.297 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

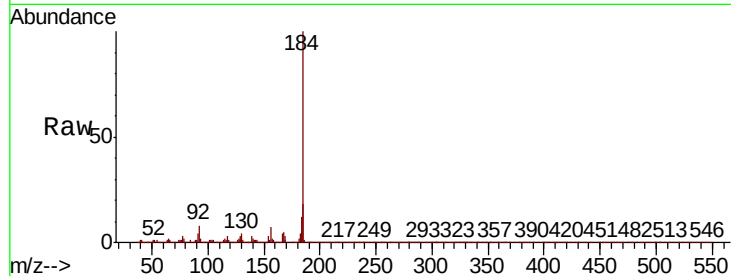
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1439960

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.7	19.1
183	12.2	9.5	14.3



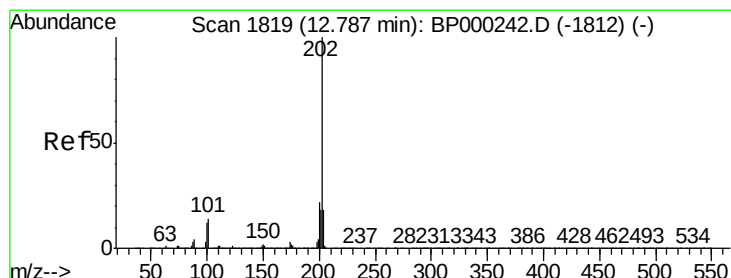
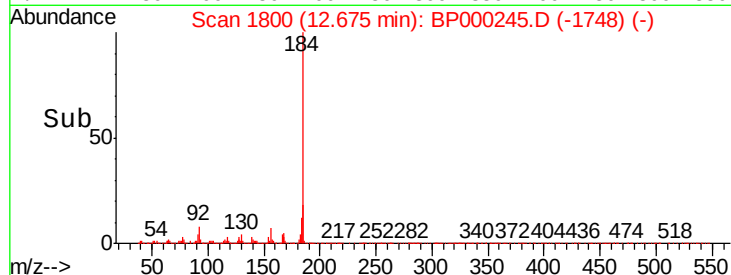
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.67

Time--> 12.50 12.60 12.70 12.80



#78

Pyrene

Concen: 75.690 ng

RT: 12.79 min Scan# 1819

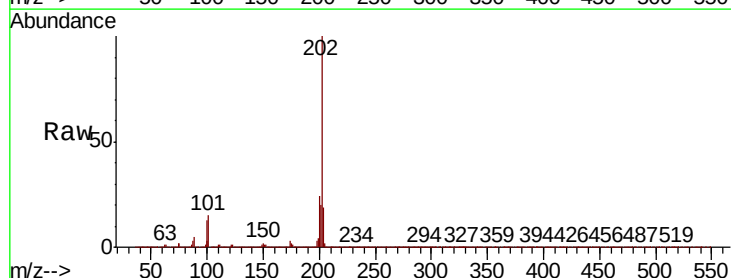
Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Tgt Ion:202 Resp: 4620418

Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.5	26.3
203	19.1	14.3	21.5



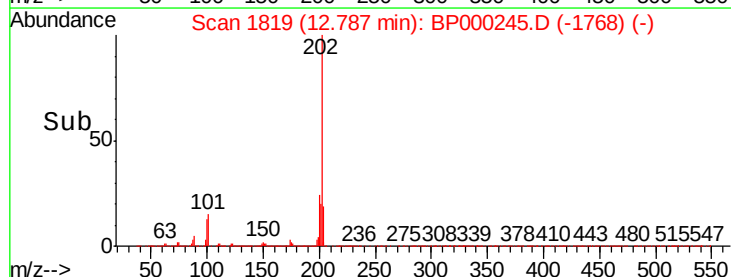
Abundance Ion 202.00 (201.70 to 202.70): E

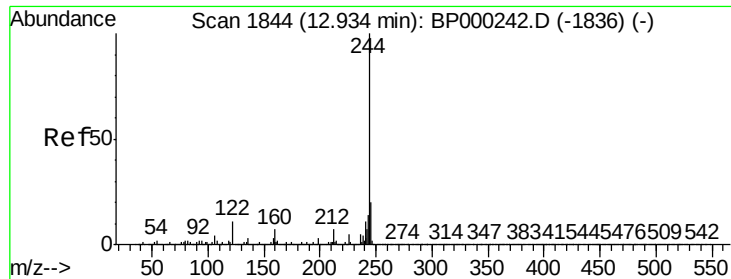
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.79

Time--> 12.70 12.80





#79

Terphenyl-d14

Concen: 144.626 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampled :

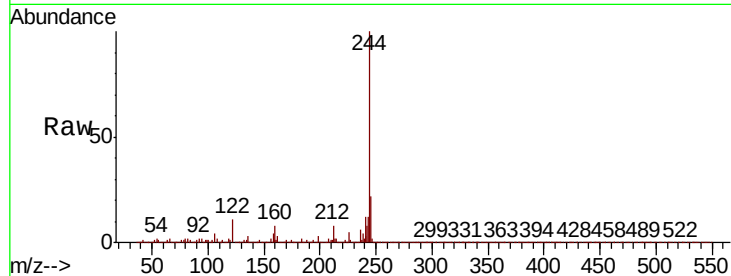
Tot Ion:244 Resp: 5505922

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	11.5	9.0	13.4

244 100

212 8.3 5.9 8.9

122 11.5 9.0 13.4

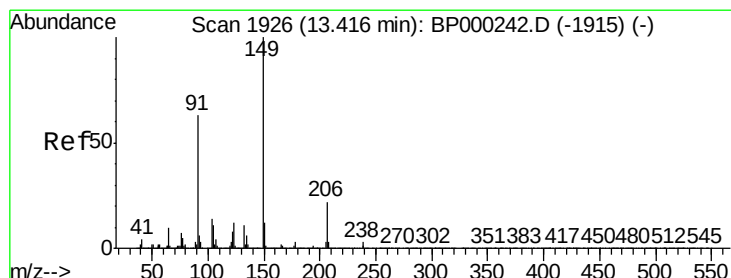
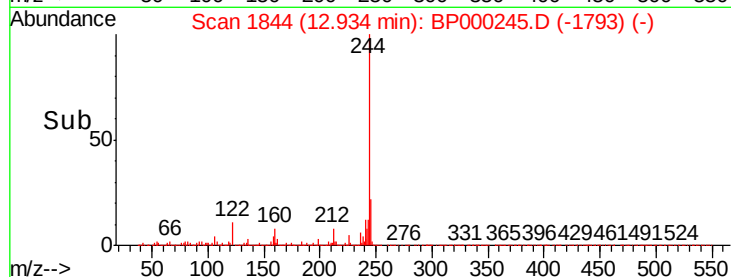
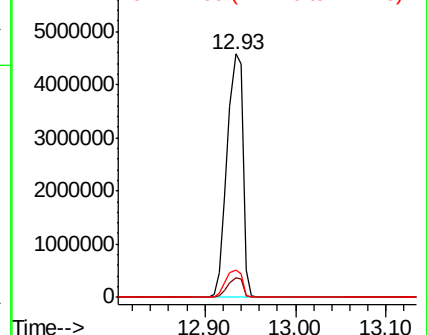


Abundance

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: 80.668 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

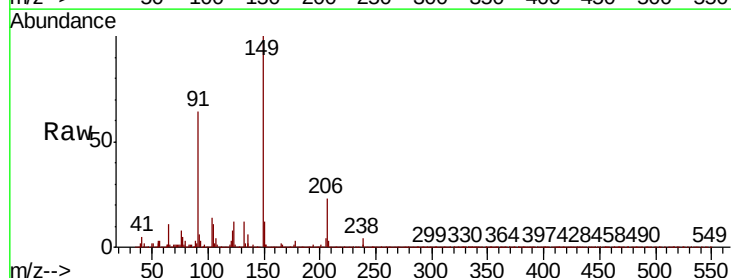
Tgt Ion:149 Resp: 2194079

Ion	Ratio	Lower	Upper
149	100		
91	63.7	50.6	76.0
206	23.4	17.8	26.6

149 100

91 63.7 50.6 76.0

206 23.4 17.8 26.6

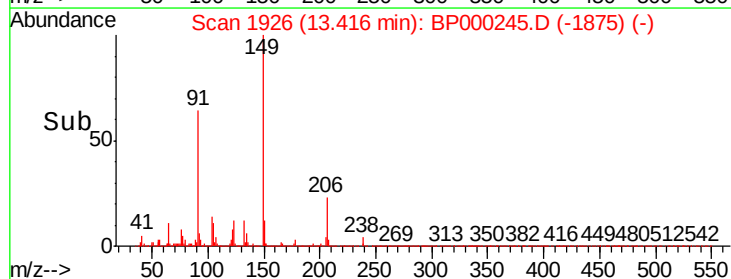
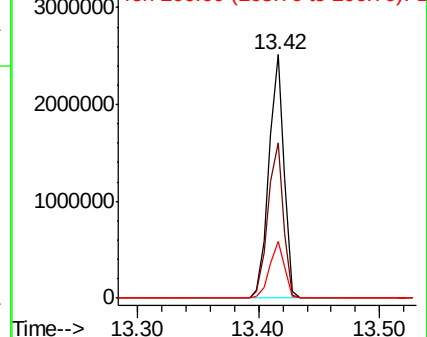


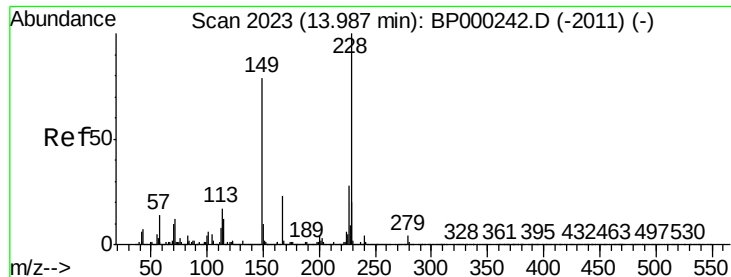
Abundance

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: 71.635 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

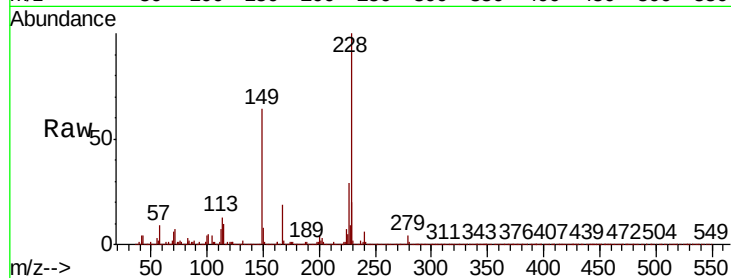
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3851812

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	20.4	16.0	24.0

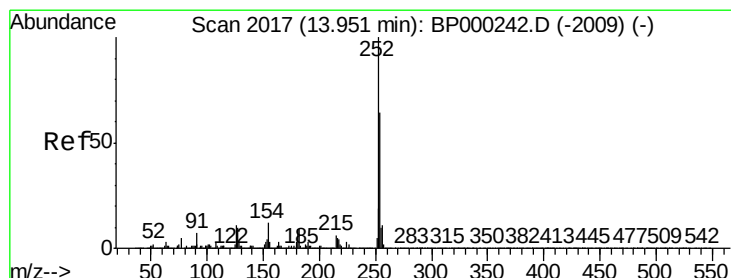
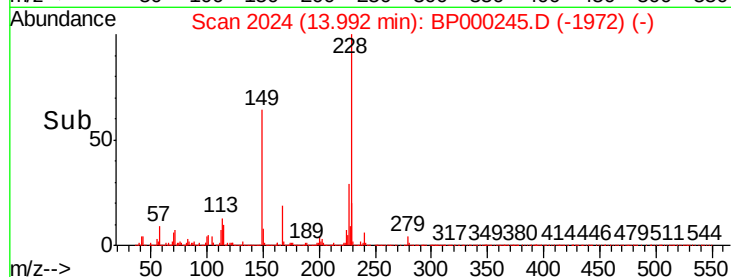
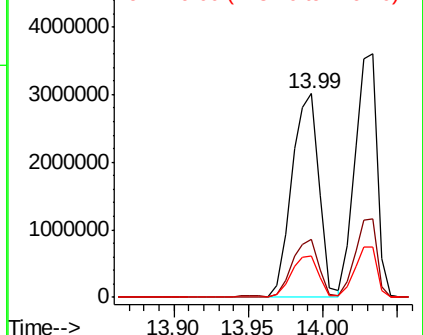


Abundance

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: 78.797 ng

RT: 13.95 min Scan# 2017

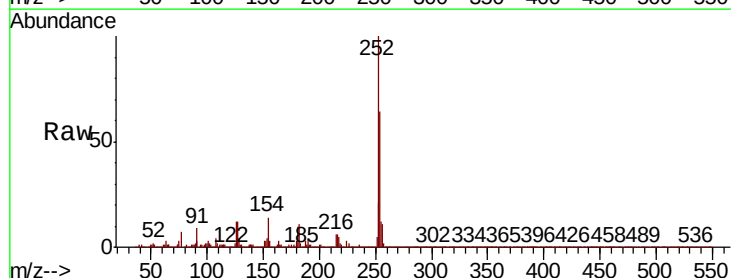
Delta R.T. -0.00 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Tgt Ion:252 Resp: 1563027

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.2	8.4	12.6

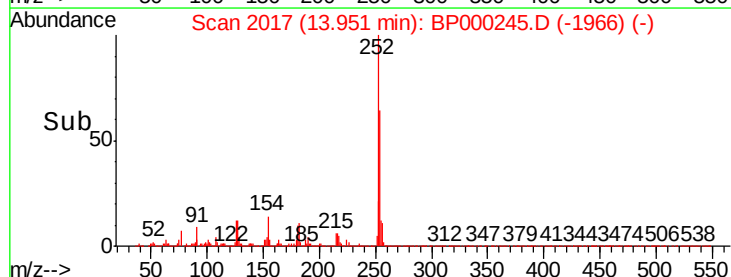
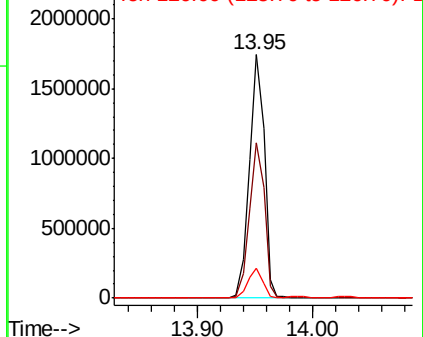


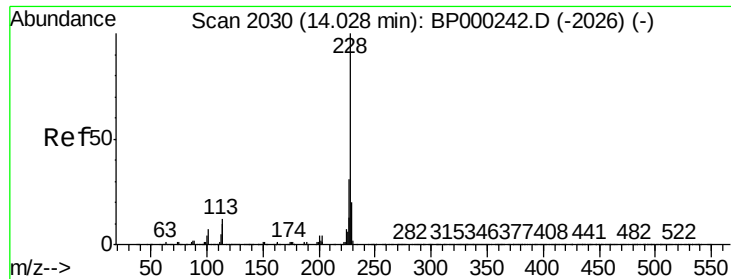
Abundance

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

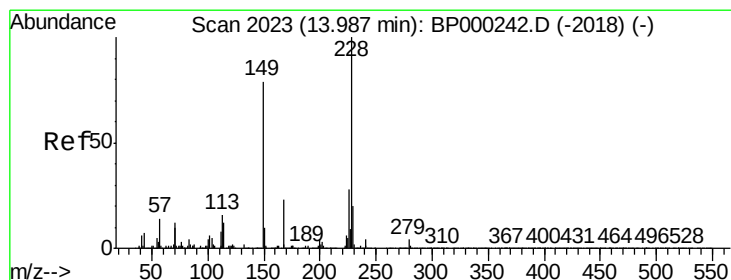
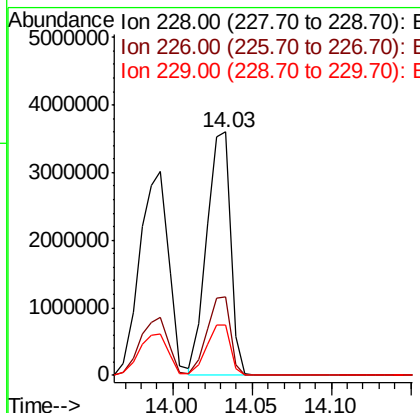
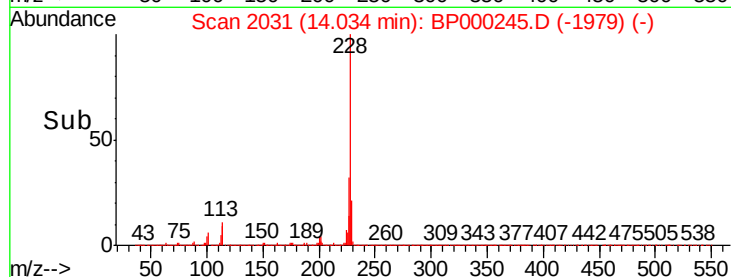
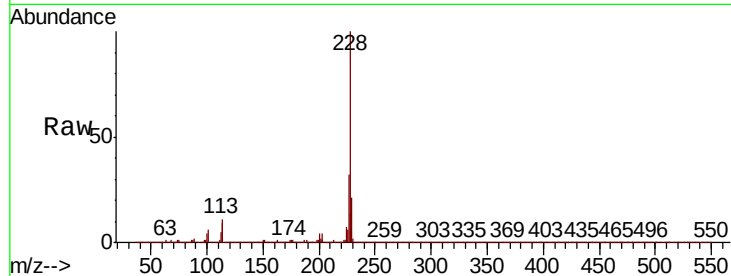




#83
 Chrysene
 Concen: 74.678 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

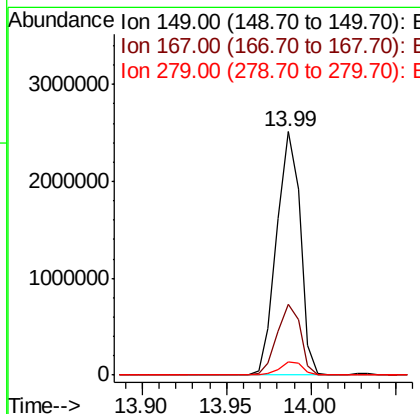
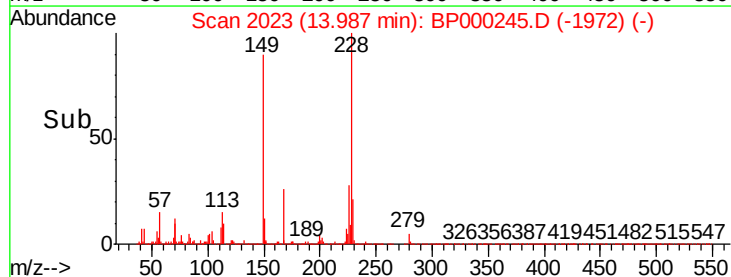
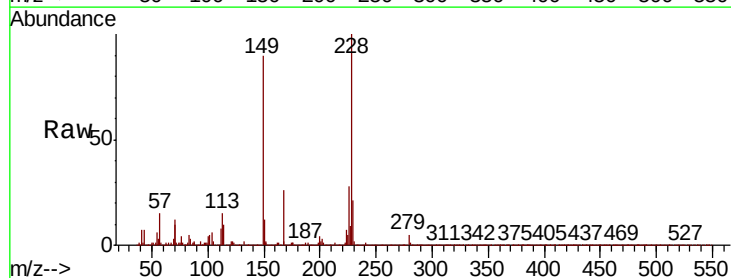
Instrument :
 BNA_P
 ClientSampleId :

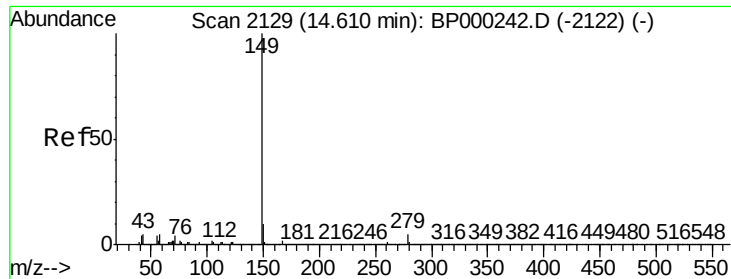
Tot Ion:228 Resp: 3798038
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 20.6 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 68.969 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BP000245.D
 Acq: 16 Sep 2019 17:48

Tgt Ion:149 Resp: 2441170
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.0 34.4
 279 5.4 3.7 5.5

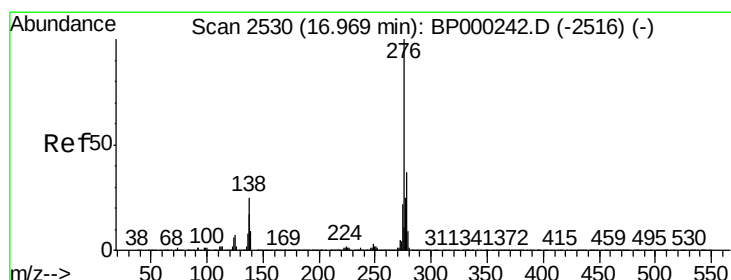
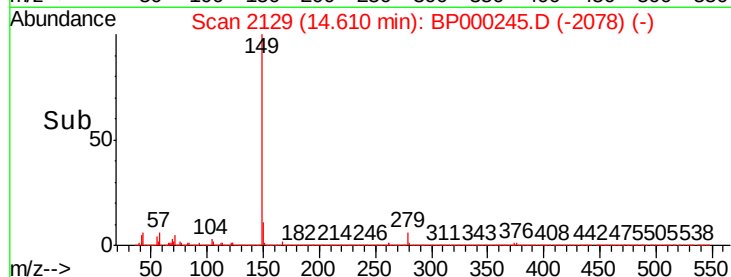
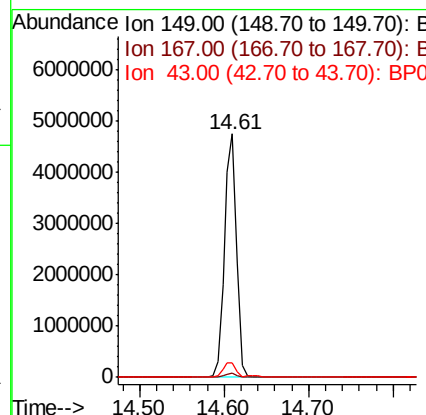
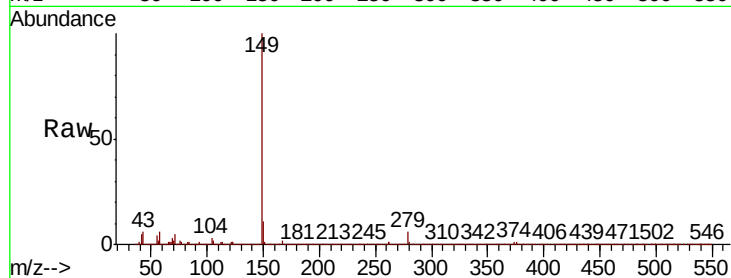




#85
Di-n-octyl phthalate
Concen: 76.035 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

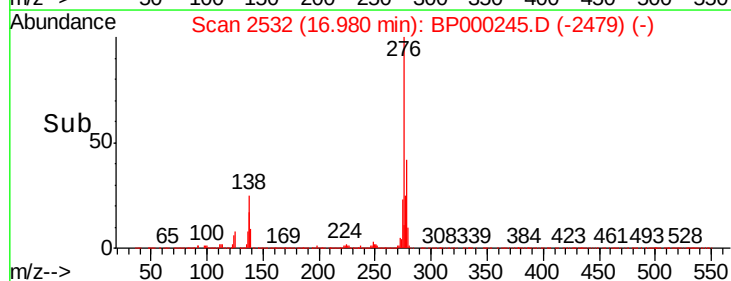
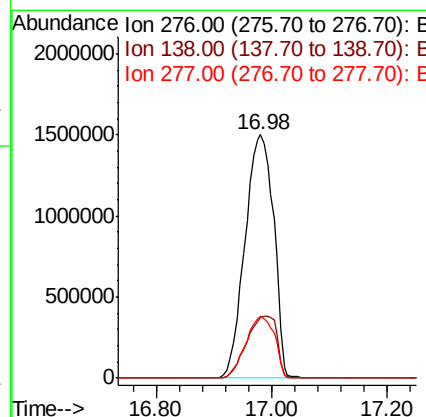
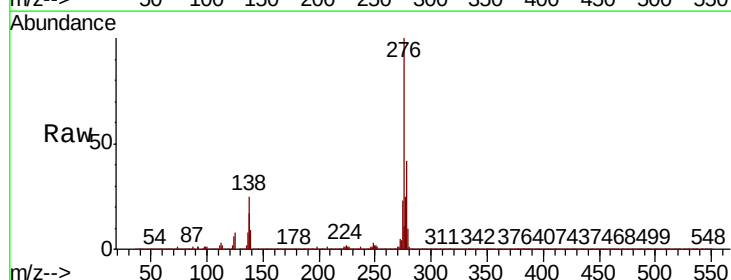
Instrument :
BNA_P
ClientSampleId :

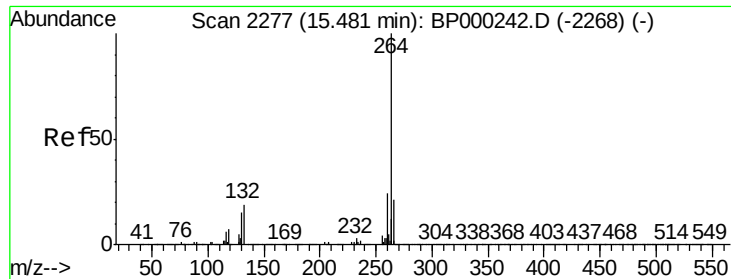
Tot Ion:149 Resp: 4742545
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.0 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 81.292 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:276 Resp: 5180711
Ion Ratio Lower Upper
276 100
138 26.9 22.6 33.8
277 25.8 20.4 30.6

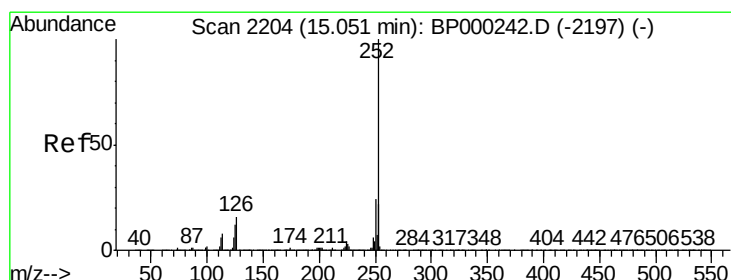
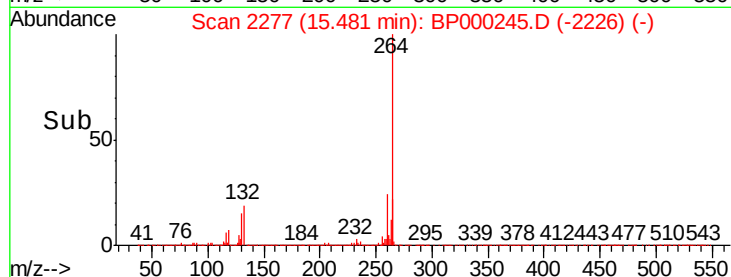
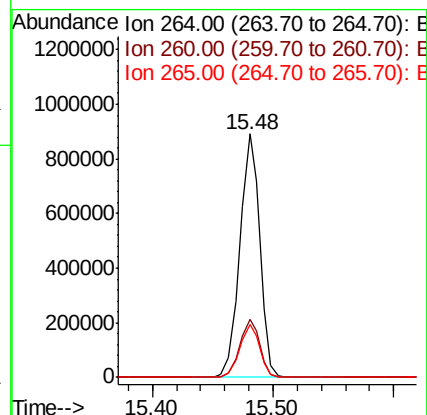
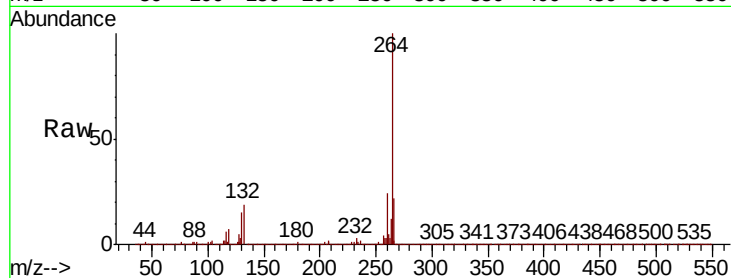




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

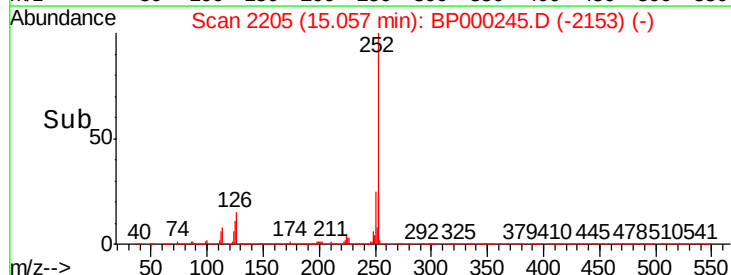
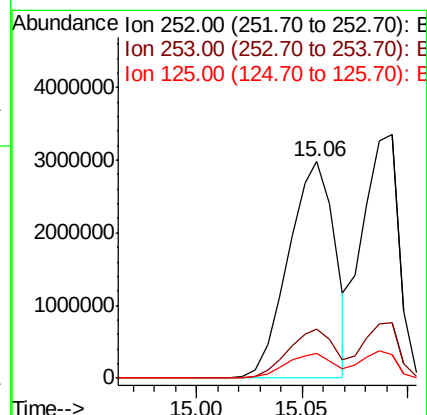
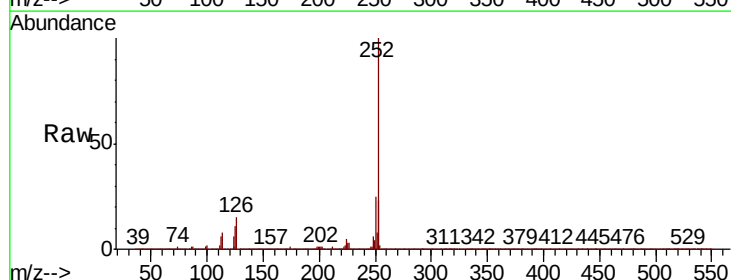
Instrument :
BNA_P
ClientSampled :

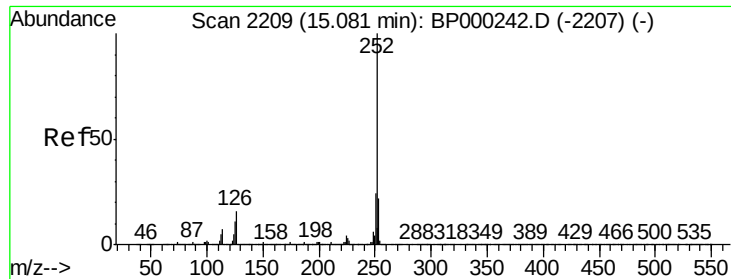
Tot Ion:264 Resp: 1026054
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 72.531 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:252 Resp: 4545778
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.2 9.5 14.3

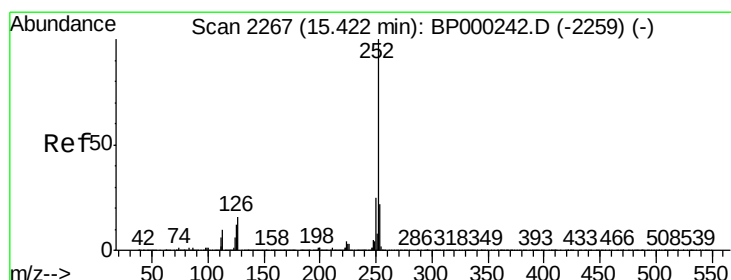
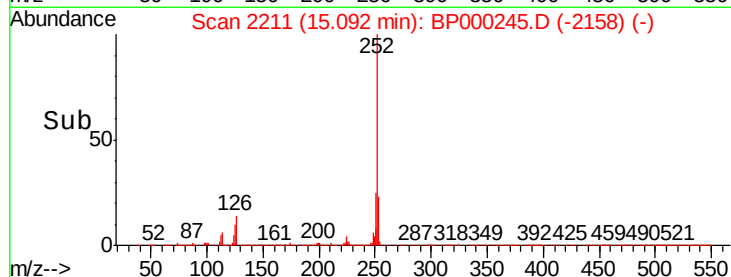
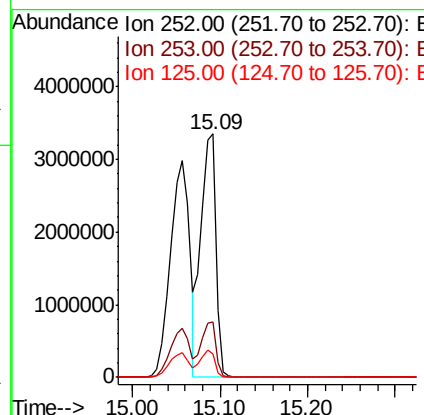
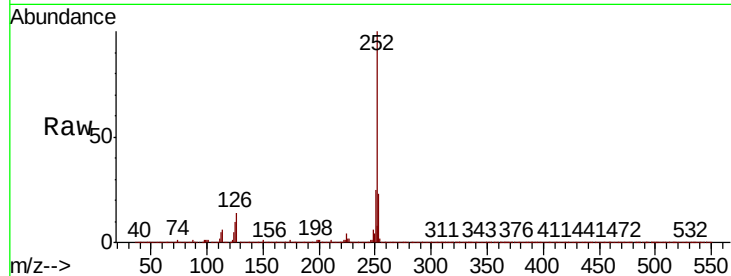




#89
Benzo(k)fluoranthene
Concen: 70.622 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

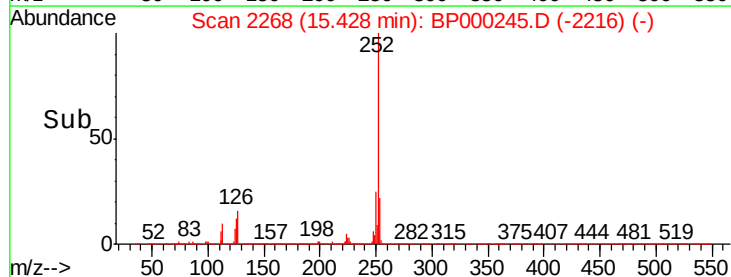
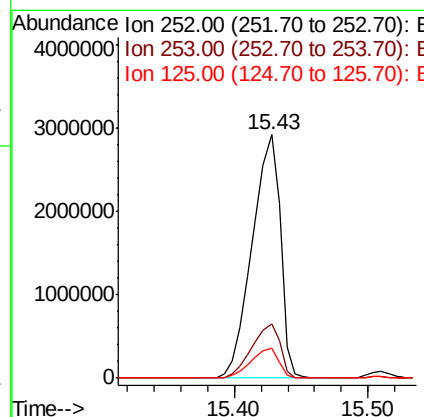
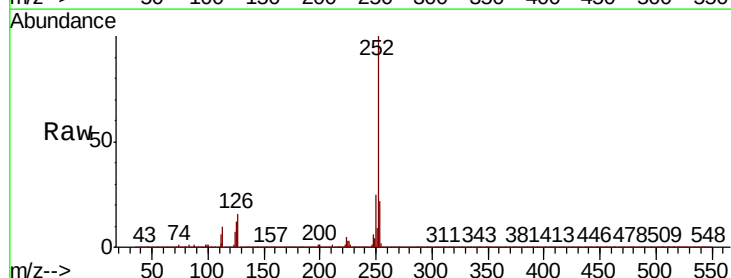
Instrument :
BNA_P
ClientSampleId :

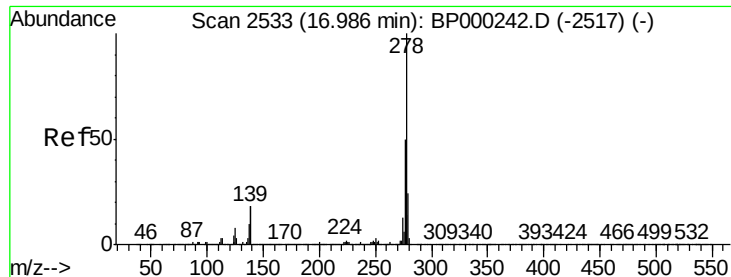
Tot Ion:252 Resp: 4050368
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.7 9.6 14.4



#90
Benzo(a)pyrene
Concen: 74.967 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BP000245.D
Acq: 16 Sep 2019 17:48

Tgt Ion:252 Resp: 4241273
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.0 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 70.642 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

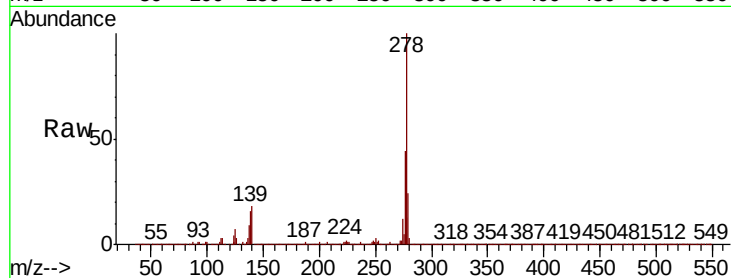
Tot Ion:278 Resp: 3996742

Ion Ratio Lower Upper

278 100

139 17.7 14.5 21.7

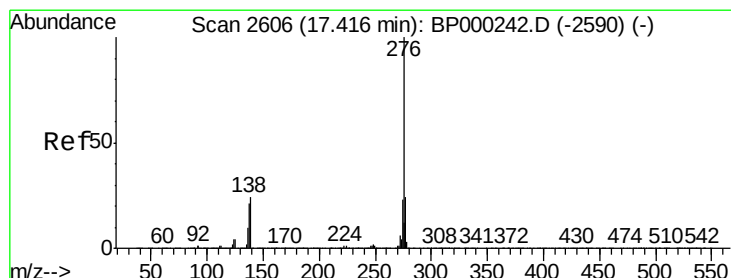
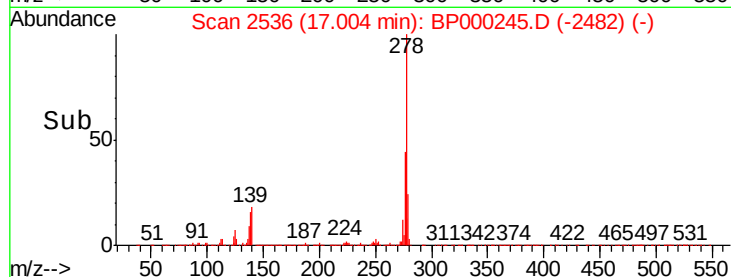
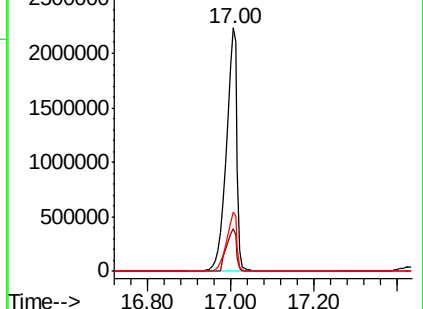
279 24.3 19.0 28.6



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: 76.051 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BP000245.D

Acq: 16 Sep 2019 17:48

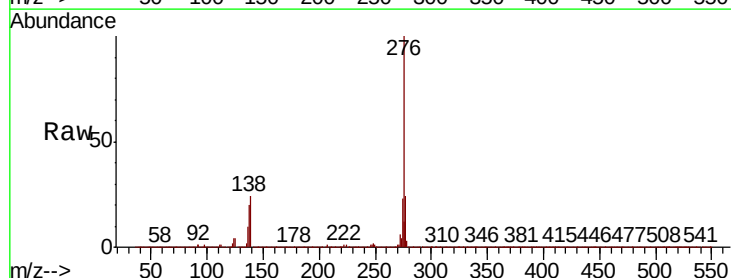
Tgt Ion:276 Resp: 4258774

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 24.2 19.5 29.3



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

