

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000243.D
 Acq On : 16 Sep 2019 17:00
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 16 17:56:48 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	327784	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1248332	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	673143	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1212863	20.00	ng	0.00
76) Chrysene-d12	14.00	240	867960	20.00	ng	0.00
87) Perylene-d12	15.48	264	1037527	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1832333	89.14	ng	0.00
7) Phenol-d6	6.42	99	2246337	86.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	1866684	91.75	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	655703	115.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3550014	88.07	ng	0.00
79) Terphenyl-d14	12.93	244	4003090	100.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	415100	43.902	ng	99
3) Pyridine	3.25	79	1115720	43.799	ng	100
4) n-Nitrosodimethylamine	3.19	42	312082	37.940	ng	96
6) Aniline	6.45	93	1554505	41.393	ng	98
8) 2-Chlorophenol	6.58	128	999491	47.025	ng	98
9) Benzaldehyde	6.34	77	599647	37.473	ng	97
10) Phenol	6.44	94	1301684	45.149	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	981767	43.107	ng	99
12) 1,3-Dichlorobenzene	6.73	146	1195616	48.226	ng	99
13) 1,4-Dichlorobenzene	6.81	146	1181142	47.845	ng	98
14) 1,2-Dichlorobenzene	6.96	146	1091760	48.132	ng	99
15) Benzyl Alcohol	6.93	79	829492	43.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	935394	38.192	ng	100
17) 2-Methylphenol	7.05	107	845332	46.309	ng	99
18) Hexachloroethane	7.30	117	440414	48.100	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	586493	39.713	ng	96
20) 3+4-Methylphenols	7.20	107	984462	43.242	ng	91
22) Acetophenone	7.20	105	1297794	43.404	ng	# 96
24) Nitrobenzene	7.37	77	977321	44.343	ng	96
25) Isophorone	7.61	82	1818465	42.303	ng	99
26) 2-Nitrophenol	7.69	139	524742	61.137	ng	97
27) 2,4-Dimethylphenol	7.73	122	813014	46.941	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	1225509	43.843	ng	99
29) 2,4-Dichlorophenol	7.93	162	877969	49.298	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	1011792	49.835	ng	98
31) Naphthalene	8.10	128	2797749	48.848	ng	100
32) Benzoic acid	7.84	122	464507	43.682	ng	99
33) 4-Chloroaniline	8.14	127	1253564	46.406	ng	99
34) Hexachlorobutadiene	8.22	225	600397	52.482	ng	99
35) Caprolactam	8.51	113	298941	47.199	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	891872	45.898	ng	97
37) 2-Methylnaphthalene	8.79	142	1932075	48.271	ng	99
38) 1-Methylnaphthalene	8.89	142	1805236	47.868	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	934766	49.061	ng	100

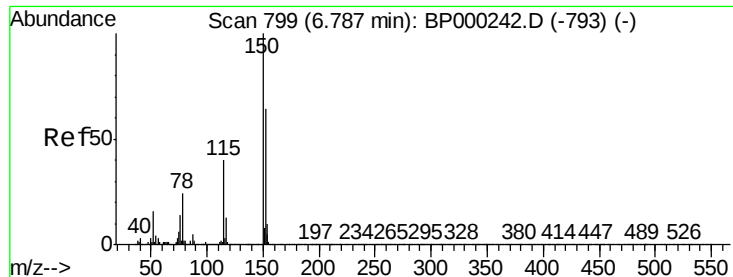
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	552949	52.707	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	642162	48.873	ng	100
44) 2,4,5-Trichlorophenol	9.10	196	663607	48.271	ng	97
46) 1,1'-Biphenyl	9.26	154	2253193	47.414	ng	99
47) 2-Chloronaphthalene	9.28	162	1887253	47.842	ng	98
48) 2-Nitroaniline	9.37	65	479216	44.975	ng	94
49) Acenaphthylene	9.70	152	2841753	48.550	ng	99
50) Dimethylphthalate	9.56	163	2200646	47.975	ng	100
51) 2,6-Dinitrotoluene	9.62	165	497757	51.123	ng	92
52) Acenaphthene	9.87	154	1813773	49.383	ng	99
53) 3-Nitroaniline	9.79	138	572089	49.184	ng	95
54) 2,4-Dinitrophenol	9.89	184	223133	72.576	ng	93
55) Dibenzofuran	10.04	168	2550451	48.901	ng	98
56) 4-Nitrophenol	9.94	139	423490	50.938	ng	98
57) 2,4-Dinitrotoluene	10.02	165	652657	52.506	ng	90
58) Fluorene	10.39	166	1855500	47.271	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	547933	52.640	ng	100
60) Diethylphthalate	10.26	149	2122570	46.228	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	1011394	49.574	ng	96
62) 4-Nitroaniline	10.40	138	561337	50.596	ng	99
63) Azobenzene	10.54	77	1809727	41.159	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	283025	65.730	ng	94
66) n-Nitrosodiphenylamine	10.50	169	1734703	48.141	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	656071	53.227	ng	97
68) Hexachlorobenzene	10.95	284	715897	53.305	ng	95
69) Atrazine	11.03	200	406593	38.782	ng	99
70) Pentachlorophenol	11.13	266	404364	55.565	ng	99
71) Phenanthrene	11.36	178	2895124	47.892	ng	99
72) Anthracene	11.41	178	2892836	48.443	ng	99
73) Carbazole	11.56	167	2724327	48.332	ng	99
74) Di-n-butylphthalate	11.90	149	3284187	48.051	ng	99
75) Fluoranthene	12.56	202	3123232	47.544	ng	98
77) Benzidine	12.67	184	1258422	42.022	ng	100
78) Pyrene	12.79	202	3169002	49.630	ng	99
80) Butylbenzylphthalate	13.42	149	1443645	50.743	ng	97
81) Benzo(a)anthracene	13.99	228	2684178	47.724	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	1085529	52.318	ng	99
83) Chrysene	14.03	228	2593725	48.755	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1756666	47.447	ng	100
85) Di-n-octyl phthalate	14.61	149	3297002	50.534	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	3238563	48.582	ng	100
88) Benzo(b)fluoranthene	15.05	252	2999402	47.329	ng	99
89) Benzo(k)fluoranthene	15.09	252	2585904	44.589	ng	99
90) Benzo(a)pyrene	15.42	252	2706503	47.310	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	2563235	44.804	ng	99
92) Benzo(g,h,i)perylene	17.42	276	2655472	46.896	ng	100

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

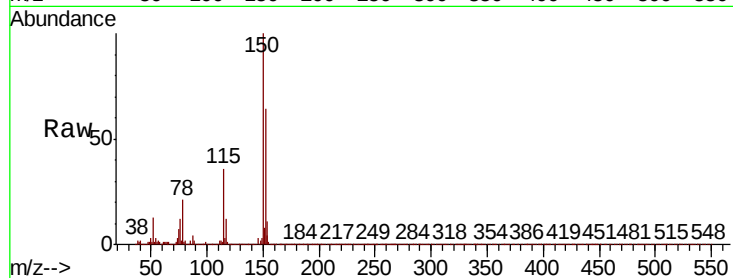


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.2	187.8
115	56.0	49.7	74.5

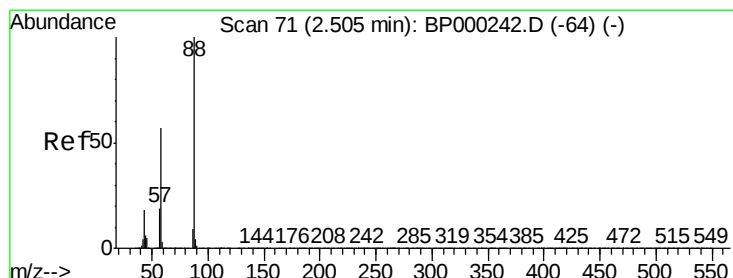
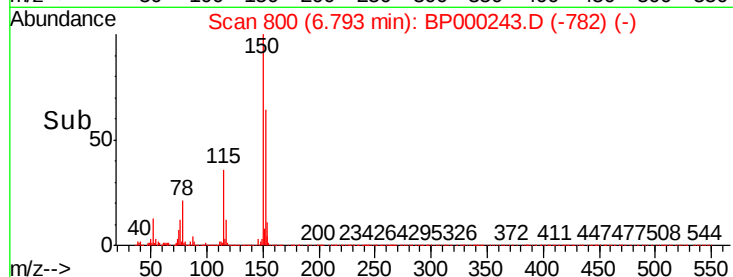
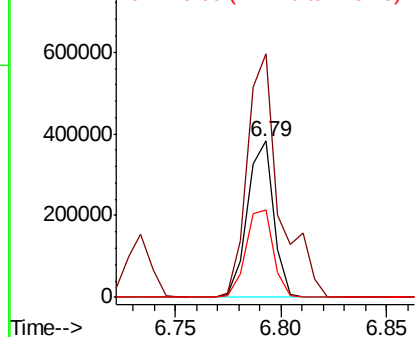


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

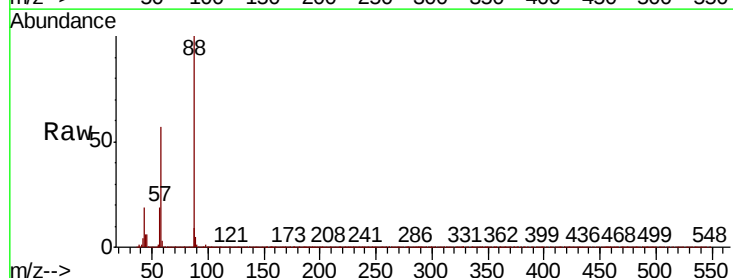
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.902 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	45.4	68.2
43	18.3	15.0	22.6

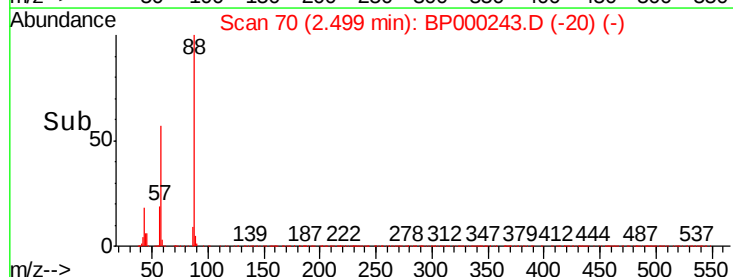
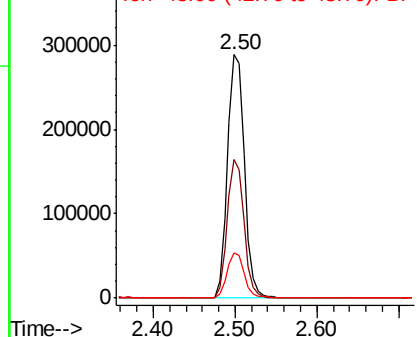


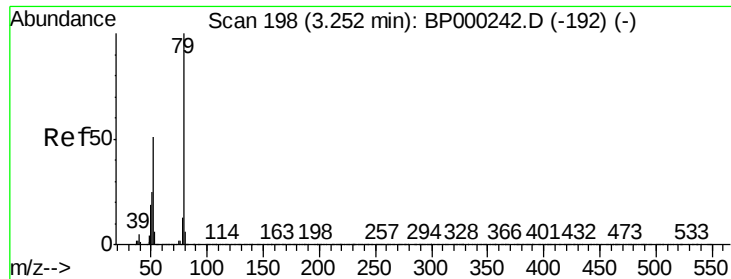
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 43.799 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

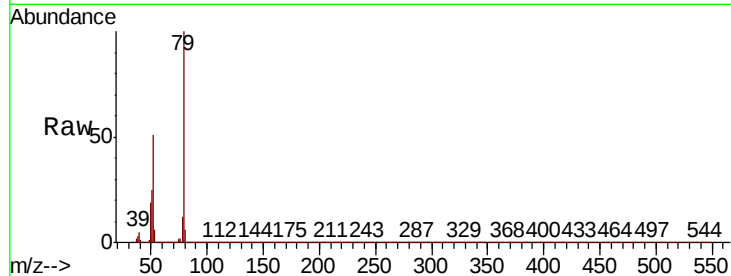
Tot Ion: 79 Resp: 1115720

Ion Ratio Lower Upper

79 100

52 51.1 40.9 61.3

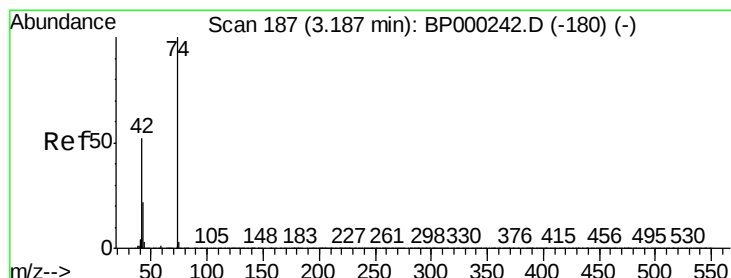
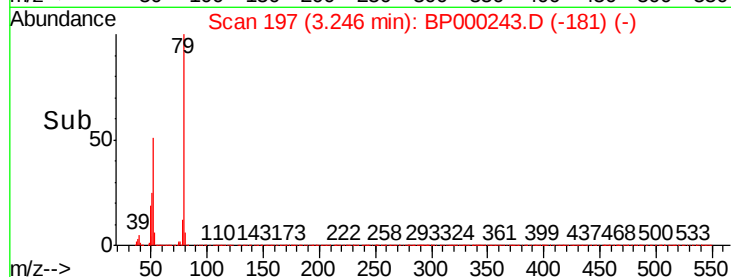
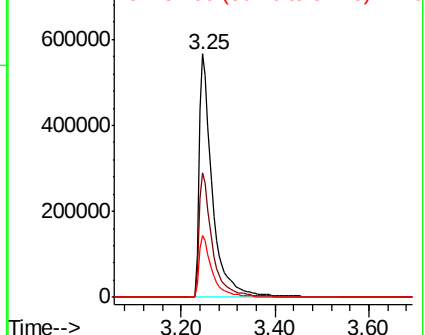
51 25.3 20.2 30.2



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



#4

n-Nitrosodimethylamine

Concen: 37.940 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

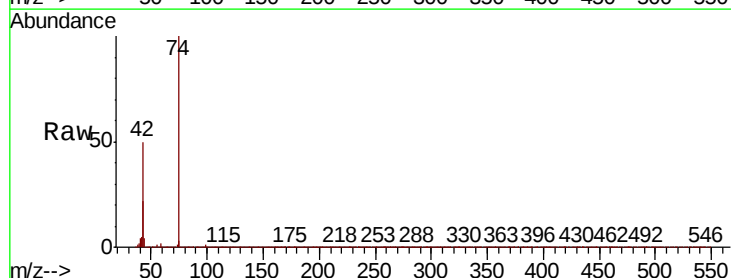
Tgt Ion: 42 Resp: 312082

Ion Ratio Lower Upper

42 100

74 199.5 154.5 231.7

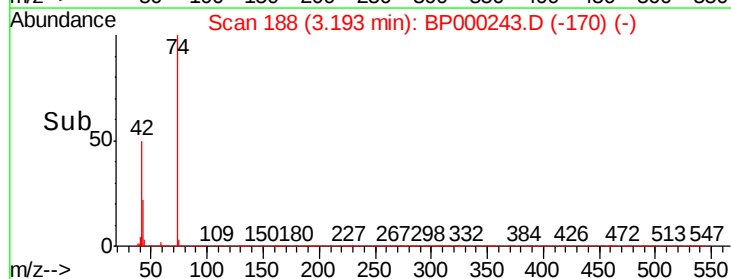
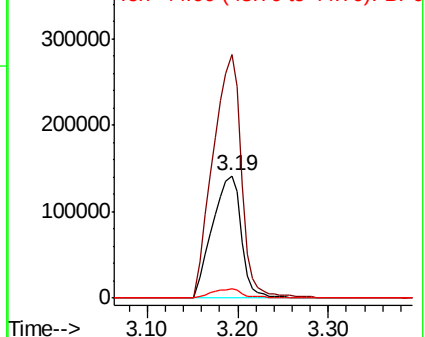
44 7.6 5.9 8.9

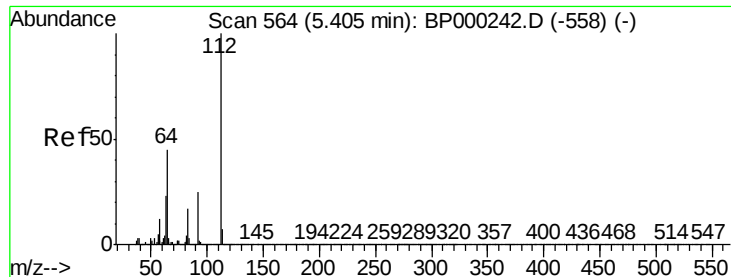


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 89.140 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

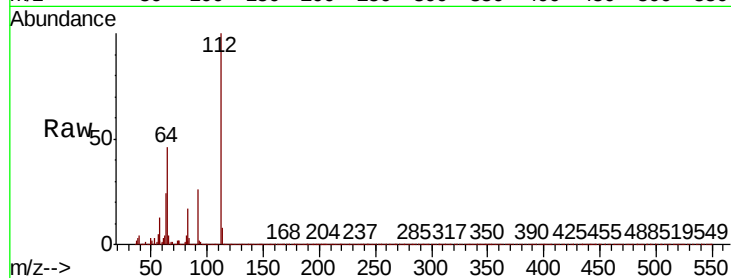
Tot Ion: 112 Resp: 1832333

Ion Ratio Lower Upper

112 100

64 46.3 36.2 54.4

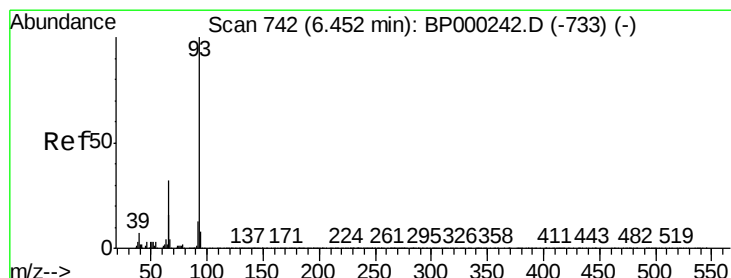
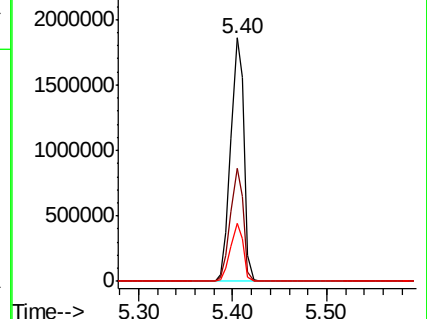
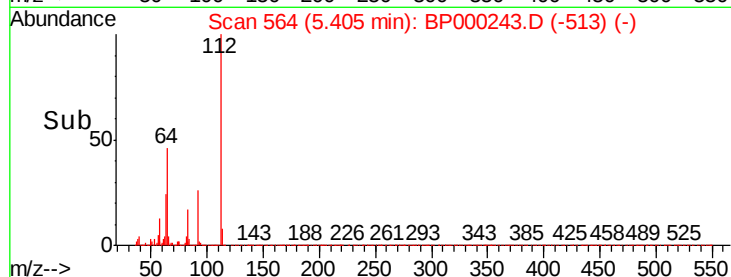
63 23.6 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 41.393 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

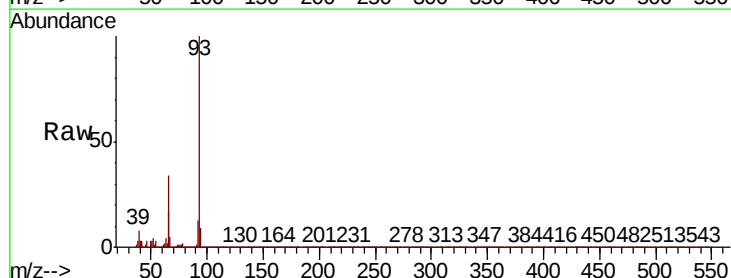
Tgt Ion: 93 Resp: 1554505

Ion Ratio Lower Upper

93 100

66 33.7 26.2 39.2

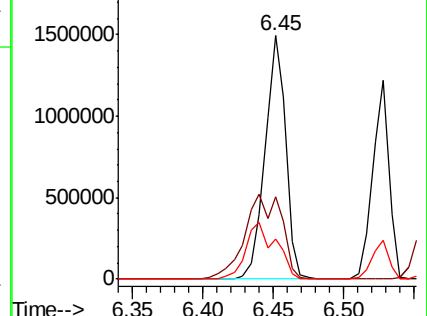
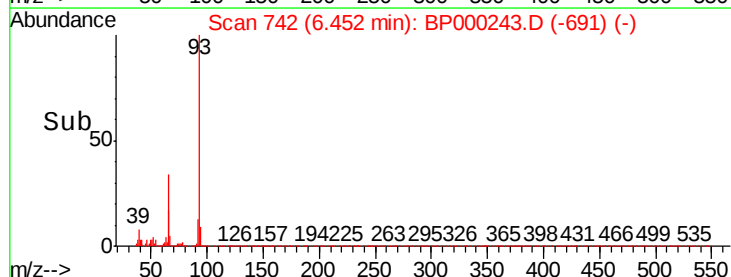
65 16.7 12.7 19.1

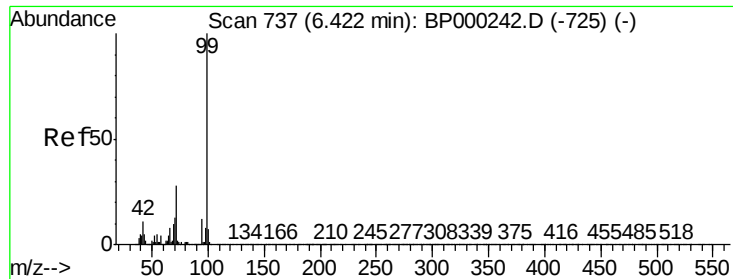


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 86.565 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

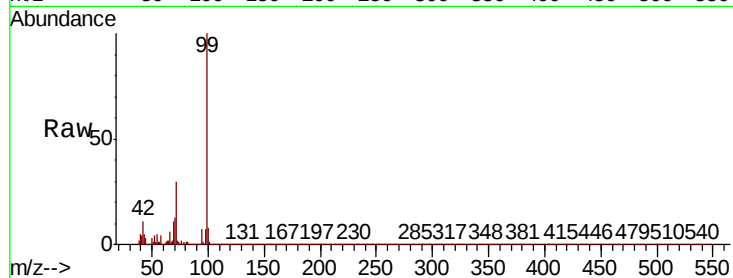
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2246337

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	29.7	22.6	34.0

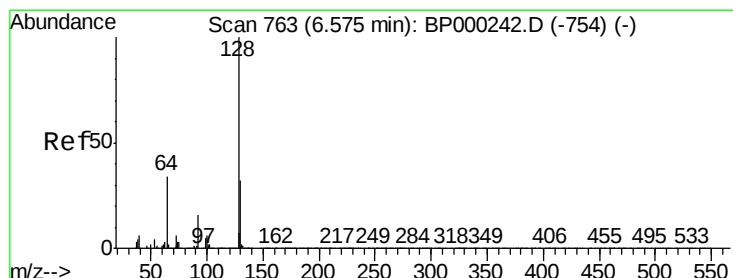
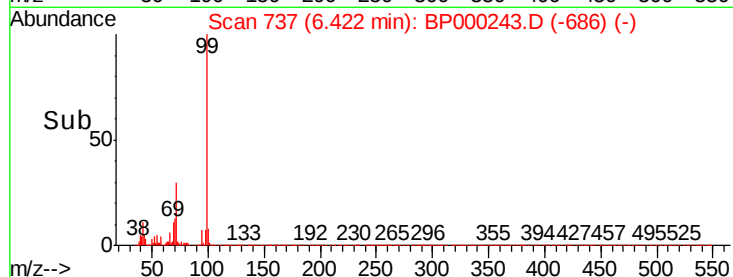
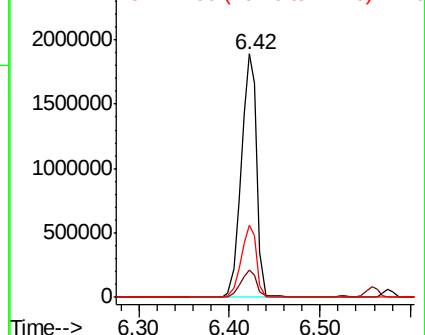


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.025 ng

RT: 6.58 min Scan# 763

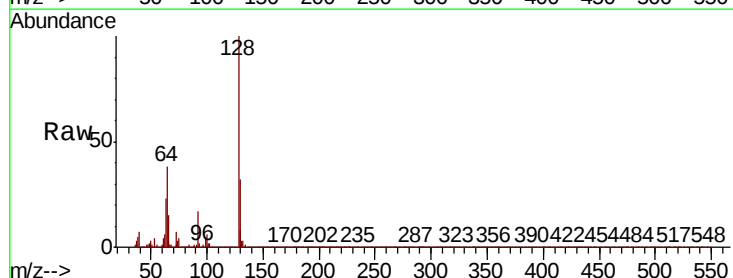
Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion: 128 Resp: 999491

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	37.6	16.0	56.0

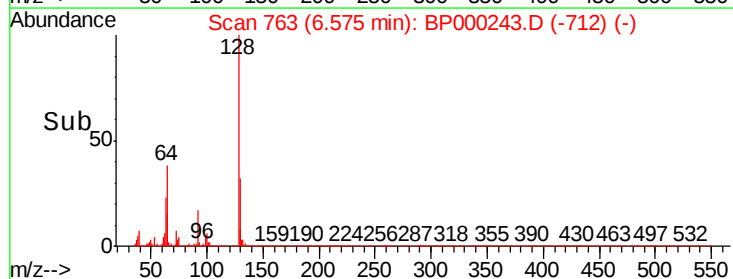
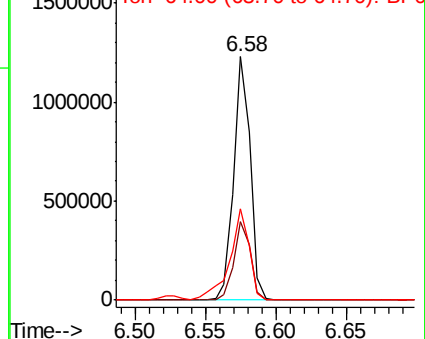


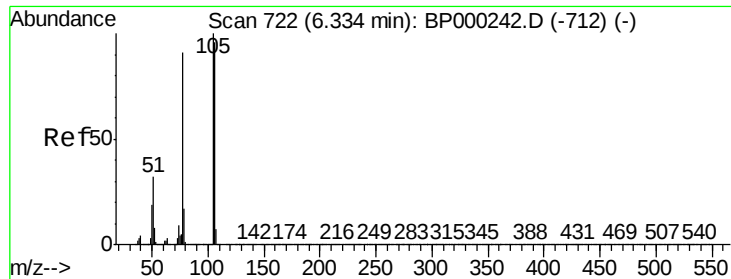
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 37.473 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

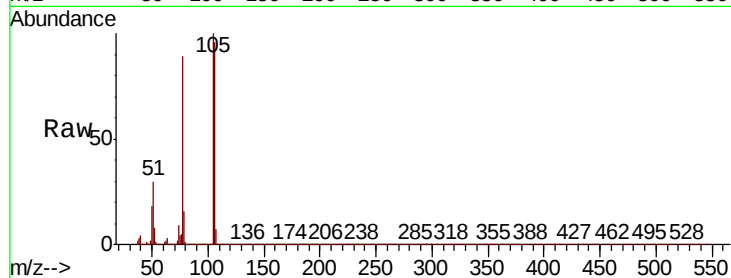
Tot Ion: 77 Resp: 599647

Ion Ratio Lower Upper

77 100

105 112.3 89.6 129.6

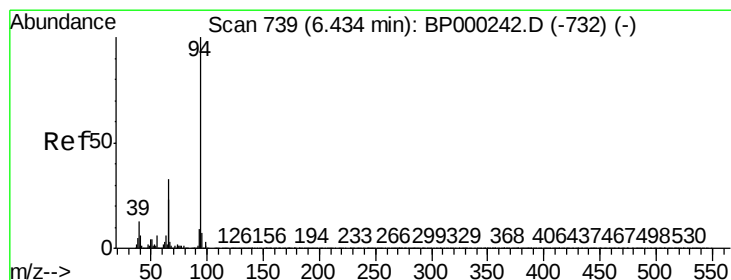
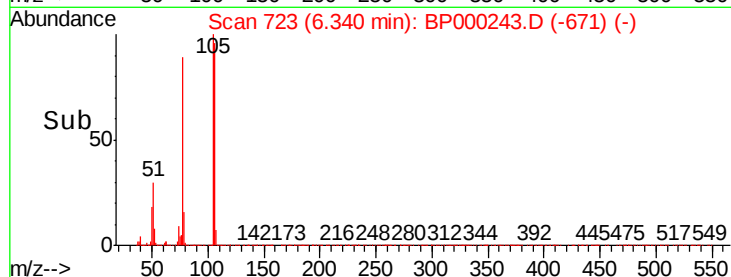
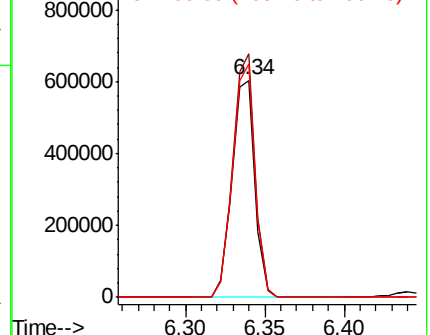
106 107.7 84.6 124.6



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: 45.149 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

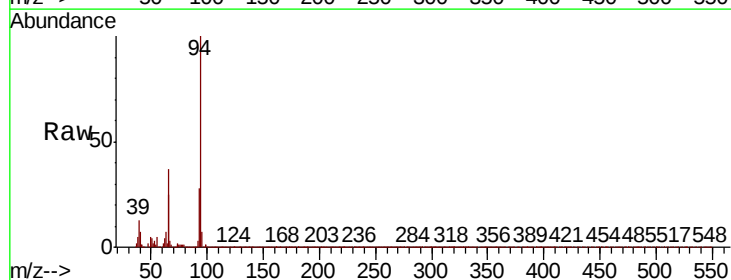
Tgt Ion: 94 Resp: 1301684

Ion Ratio Lower Upper

94 100

65 25.0 3.3 43.3

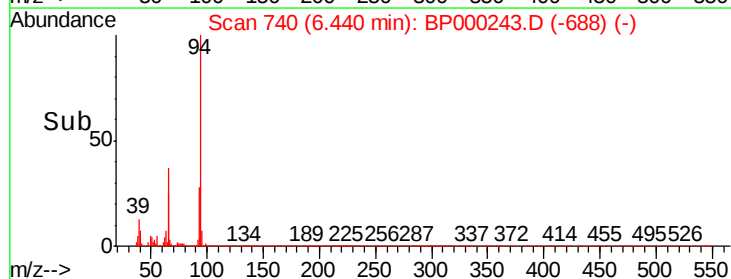
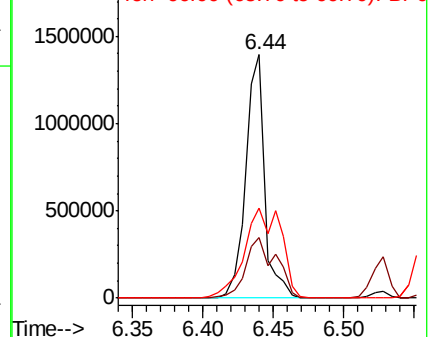
66 37.2 12.7 52.7

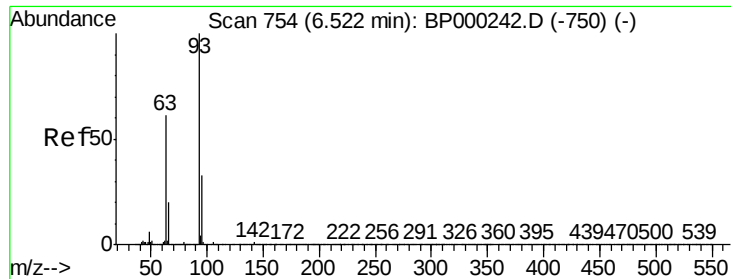


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

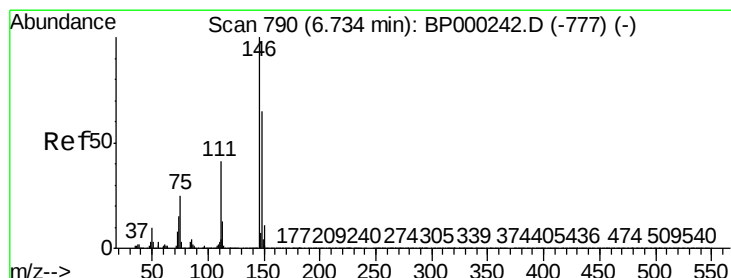
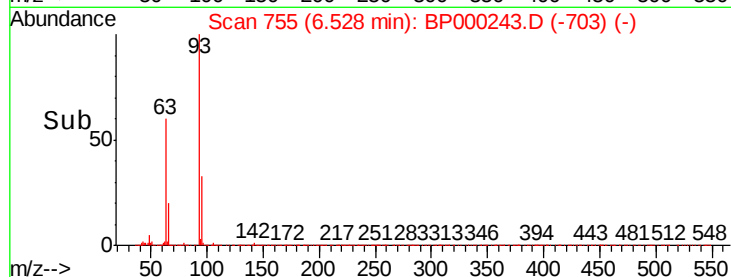
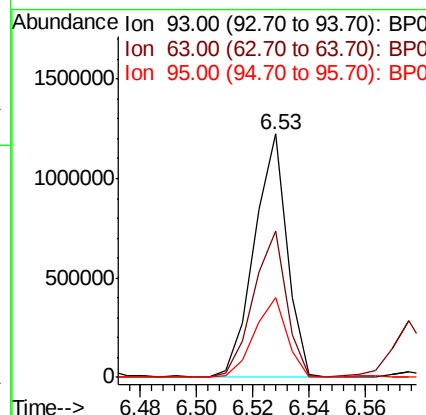
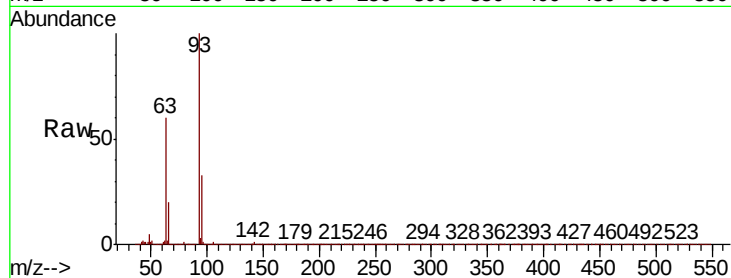




#11
bis(2-Chloroethyl)ether
Concen: 43.107 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

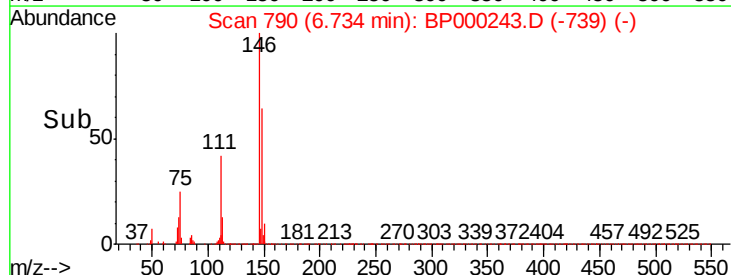
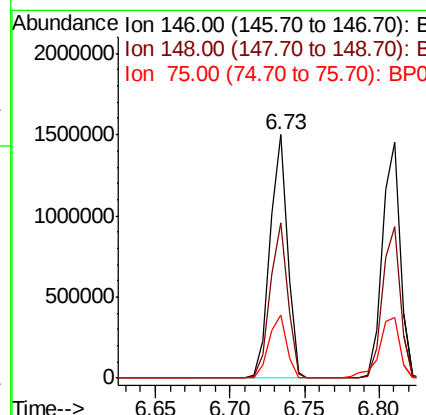
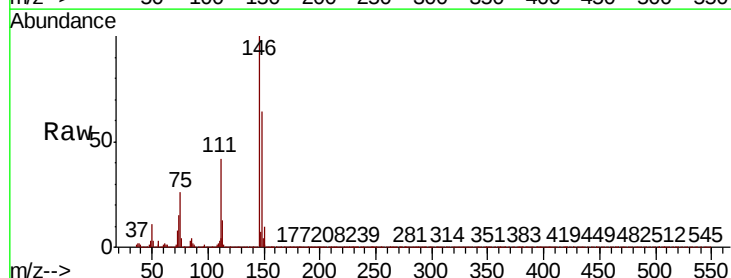
Instrument :
BNA_P
ClientSampleId :

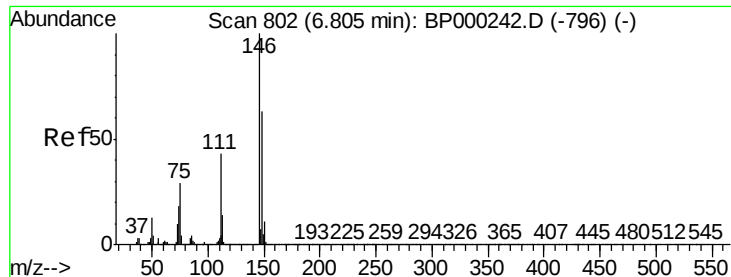
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.9	41.0	81.0
95	33.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 48.226 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	25.7	20.2	30.4

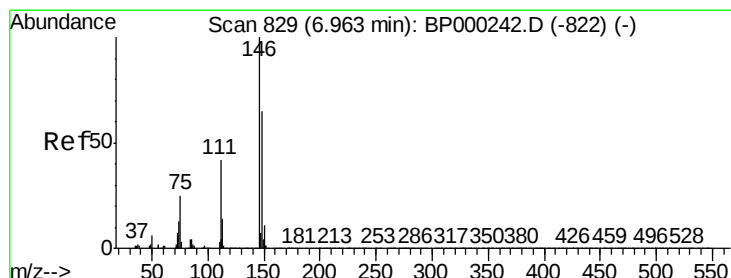
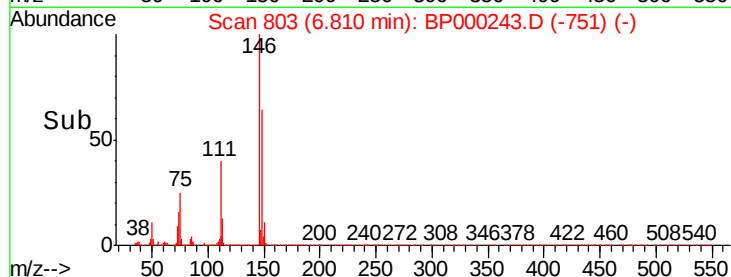
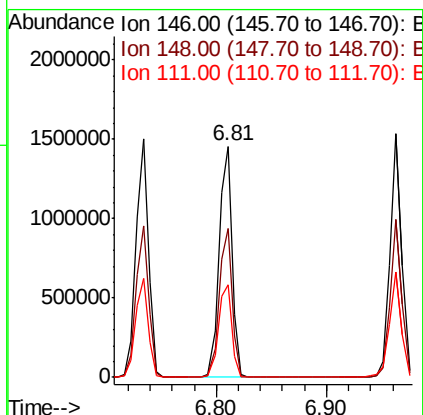
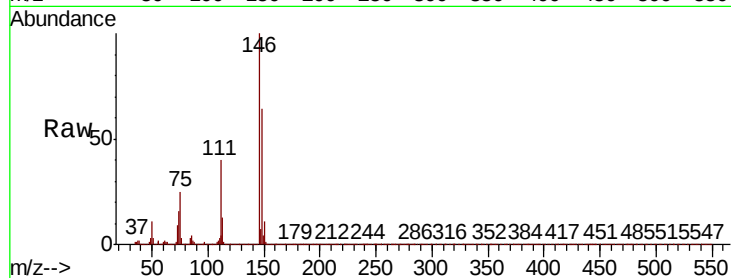




#13
1,4-Dichlorobenzene
Concen: 47.845 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

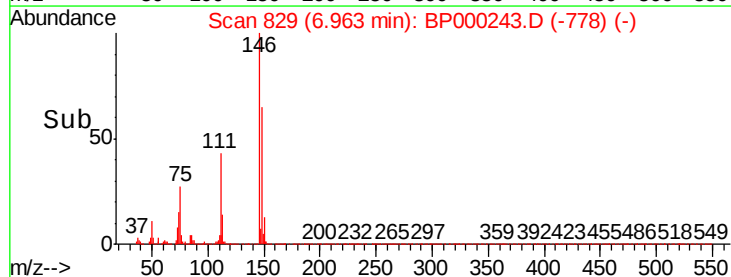
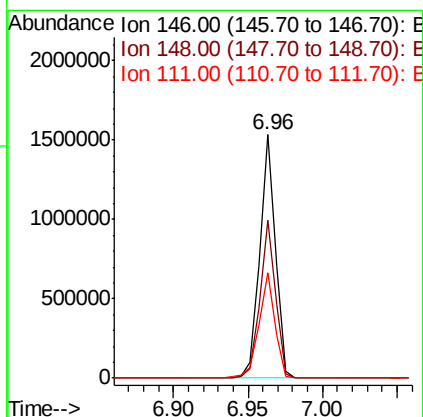
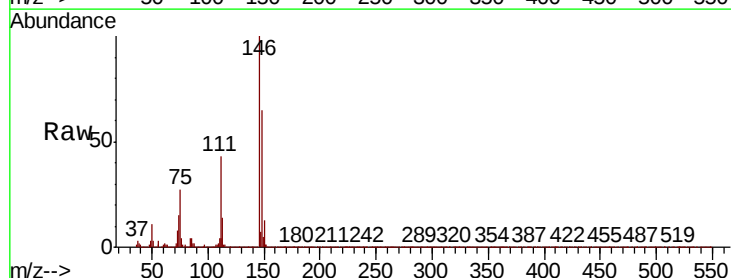
Instrument :
BNA_P
ClientSampleId :

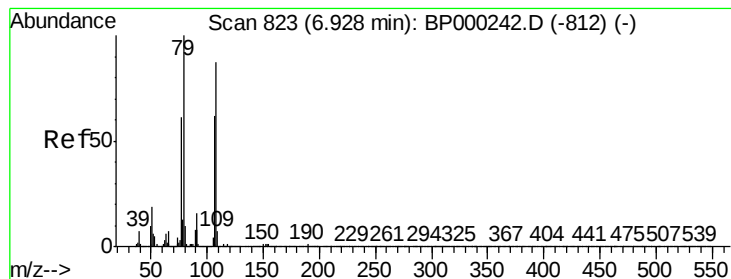
Tot Ion:146 Resp: 1181142
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 40.2 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 48.132 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:146 Resp: 1091760
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 43.5 33.4 50.2





#15

Benzyl Alcohol

Concen: 43.598 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

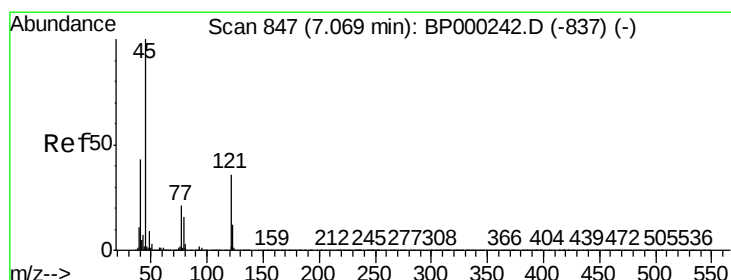
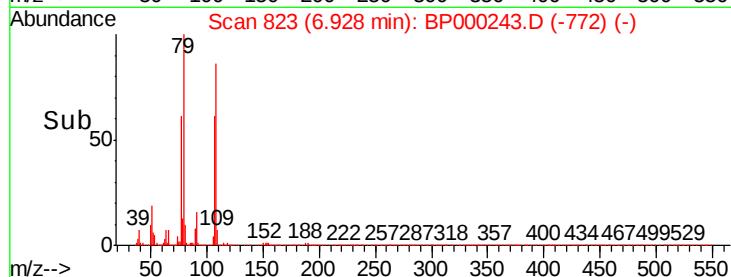
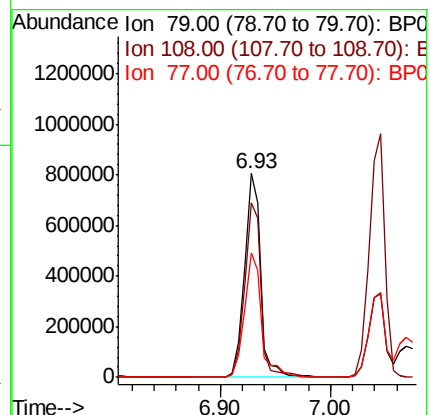
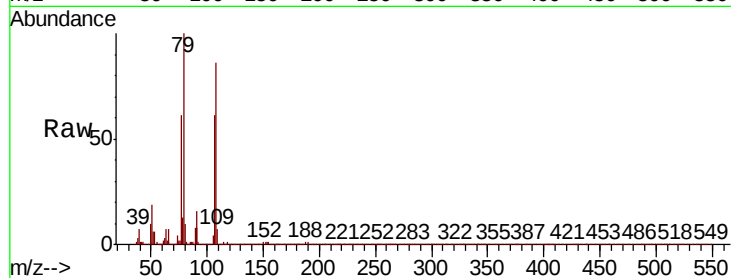
Tot Ion: 79 Resp: 829492

Ion Ratio Lower Upper

79 100

108 85.6 69.2 103.8

77 61.2 48.7 73.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.192 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

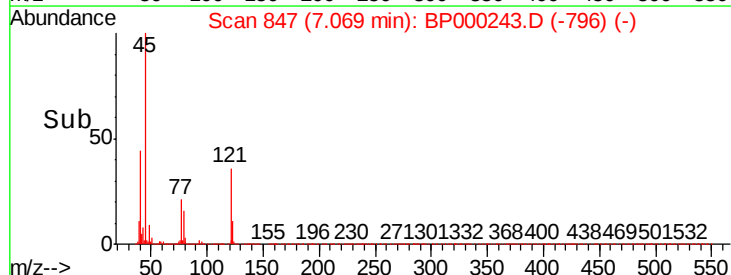
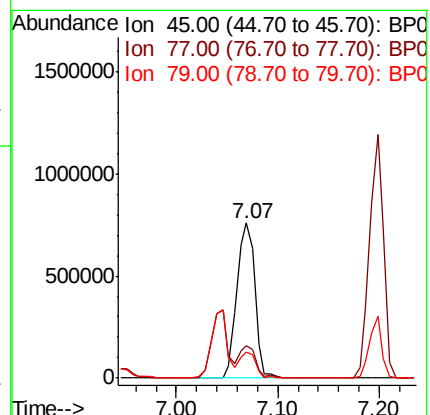
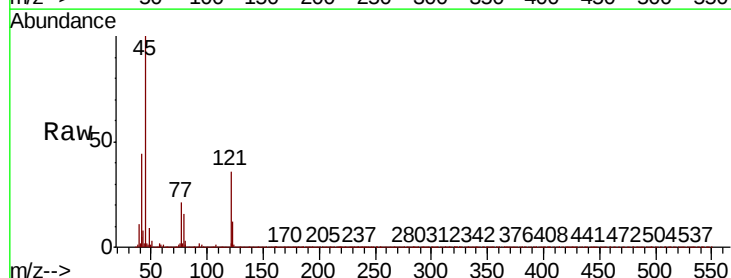
Tgt Ion: 45 Resp: 935394

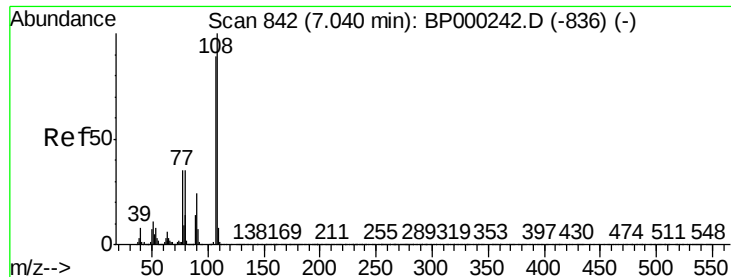
Ion Ratio Lower Upper

45 100

77 20.9 0.7 40.7

79 16.5 0.0 36.4





#17

2-Methylphenol

Concen: 46.309 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000243.D

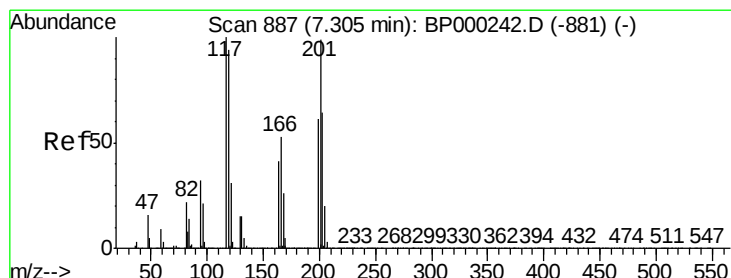
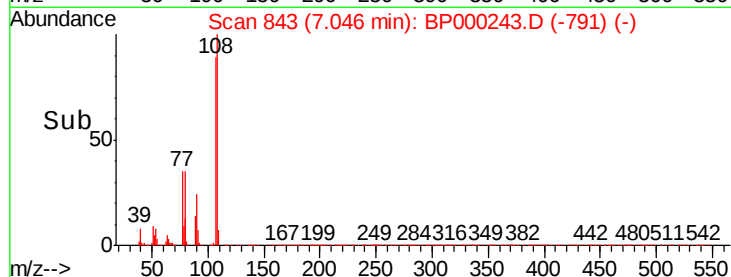
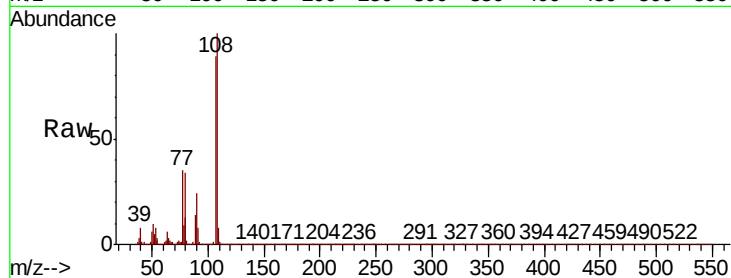
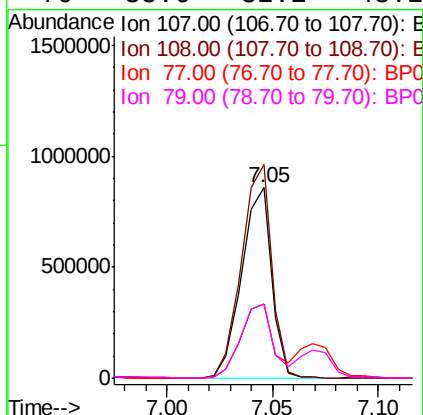
Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampled :

Tot Ion:	107	Resp:	845332
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.1	135.1
77	39.0	31.5	47.3
79	38.6	32.2	48.2



#18

Hexachloroethane

Concen: 48.100 ng

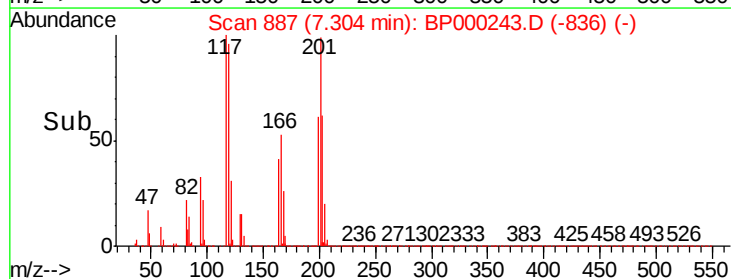
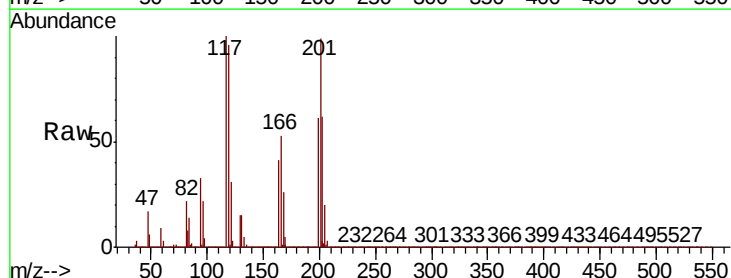
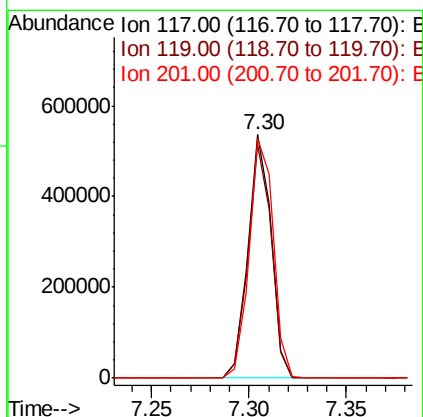
RT: 7.30 min Scan# 887

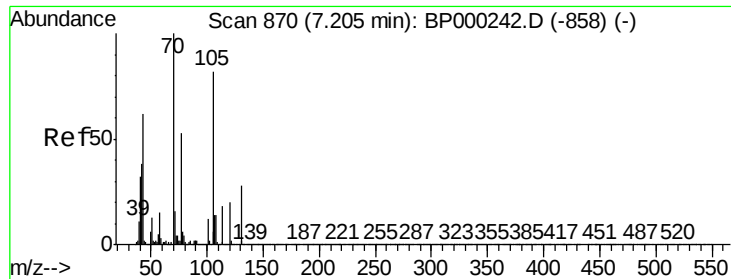
Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:	117	Resp:	440414
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.6	113.4
201	98.6	79.4	119.2

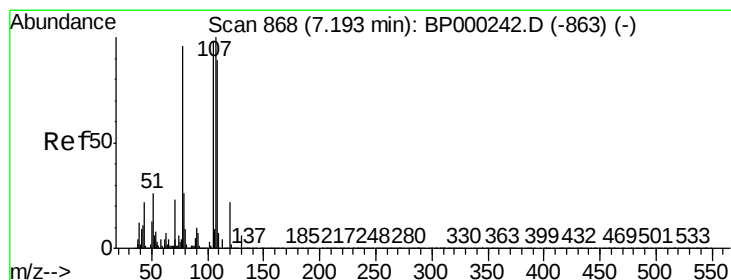
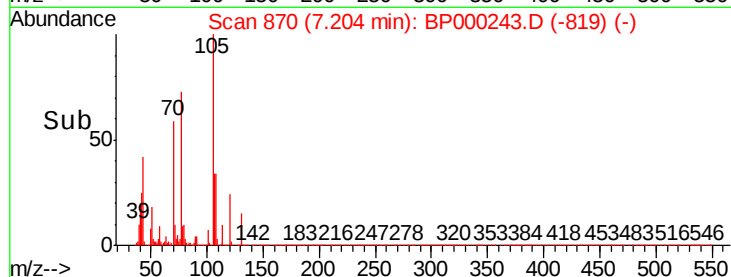
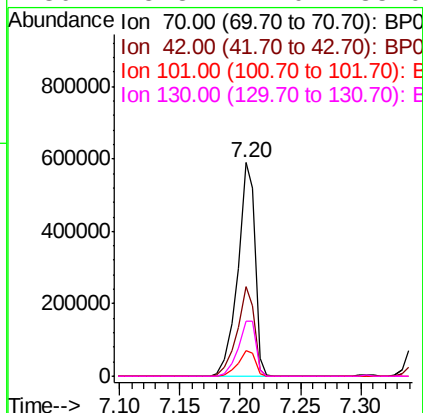
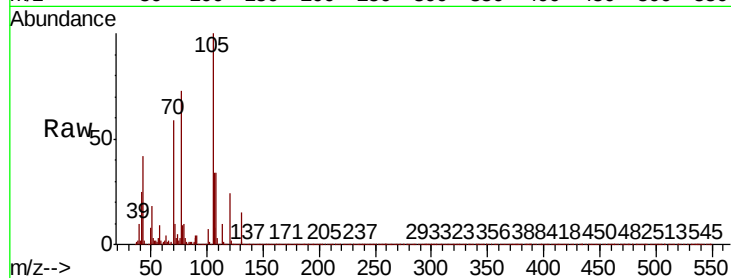




#19
n-Nitroso-di-n-propylamine
Concen: 39.713 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

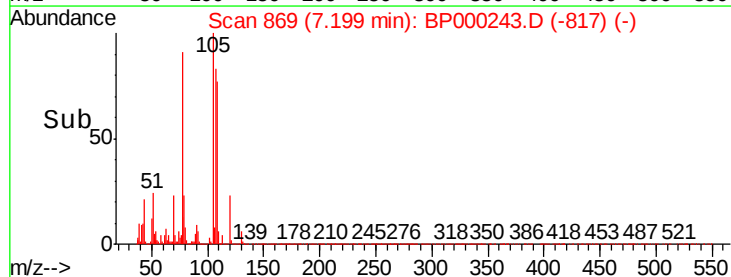
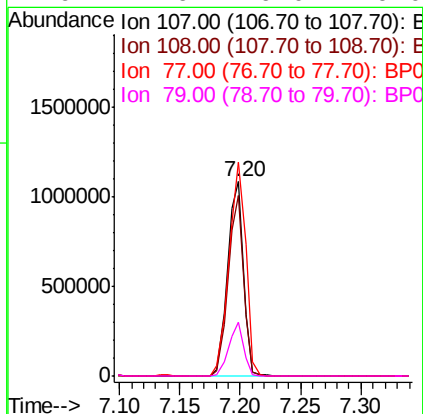
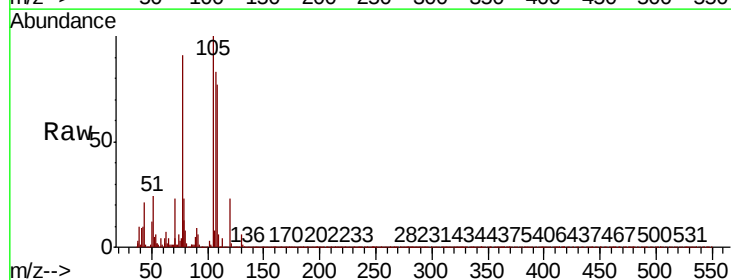
Instrument :
BNA_P
ClientSampleId :

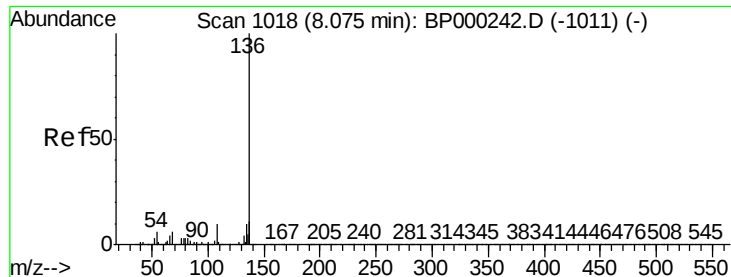
Tot Ion:	70	Resp:	586493
Ion	Ratio	Lower	Upper
70	100		
42	42.0	30.7	46.1
101	12.0	9.6	14.4
130	25.8	22.0	33.0



#20
3+4-Methylphenols
Concen: 43.242 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:	107	Resp:	984462
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.8	108.8
77	109.9	75.7	115.7
79	27.6	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1248332

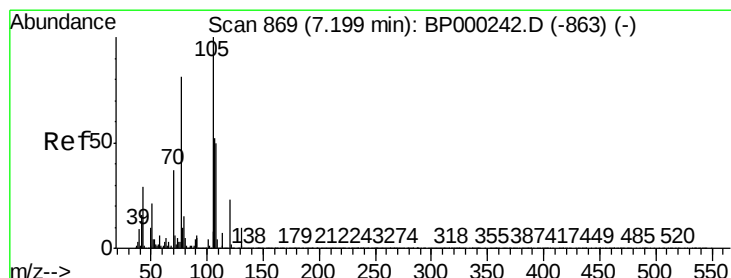
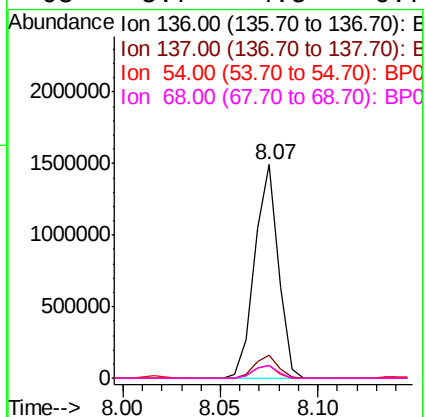
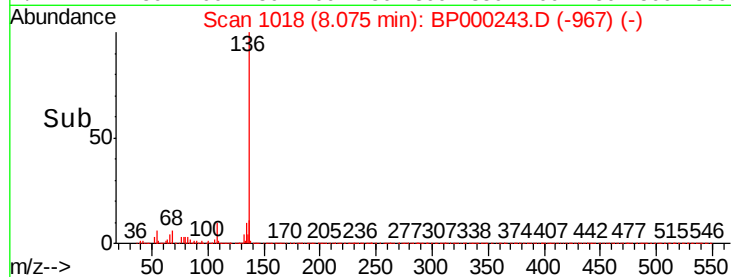
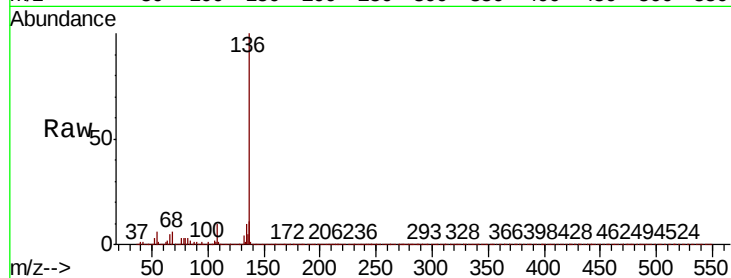
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.8	4.5	6.7
68	5.7	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 43.404 ng

RT: 7.20 min Scan# 869

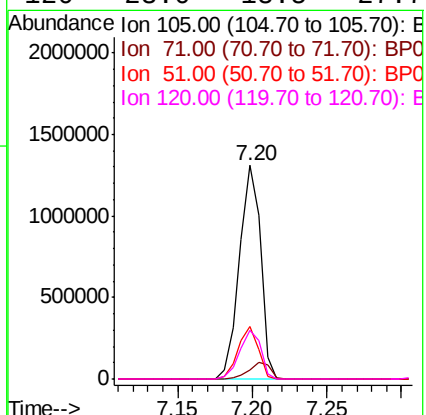
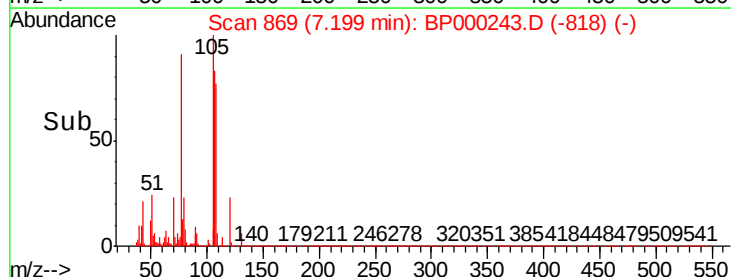
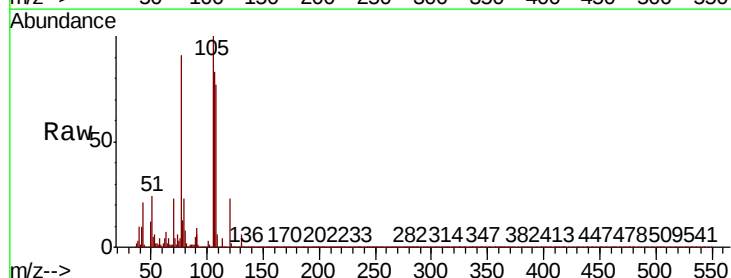
Delta R.T. -0.00 min

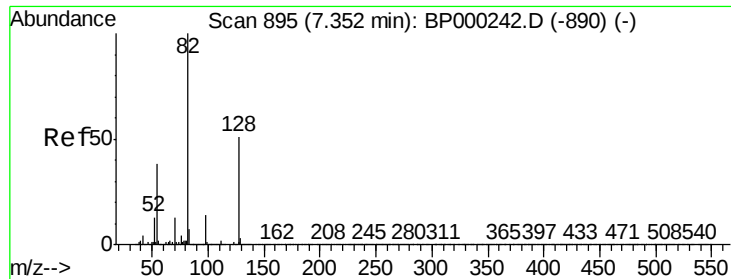
Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:105 Resp: 1297794

Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.2	7.8#
51	24.3	16.6	24.8
120	23.0	18.5	27.7

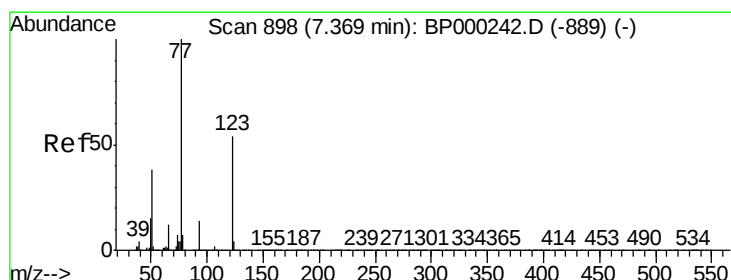
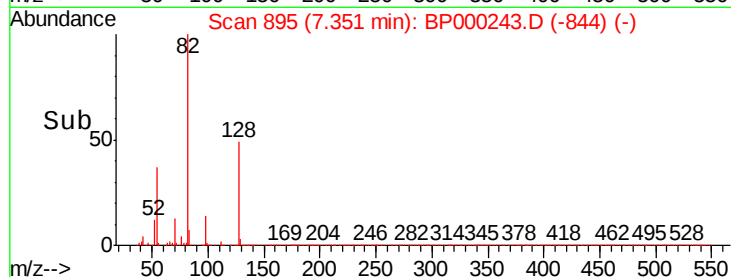
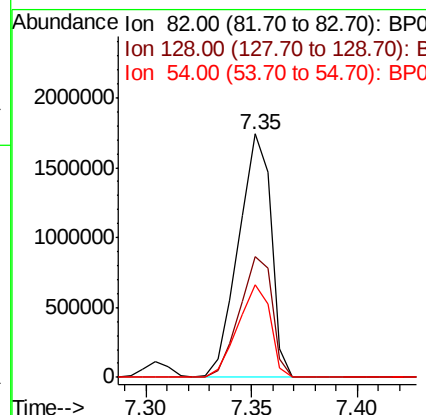
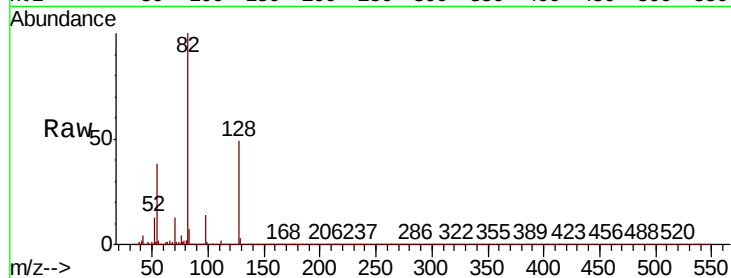




#23
Nitrobenzene-d5
Concen: 91.754 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

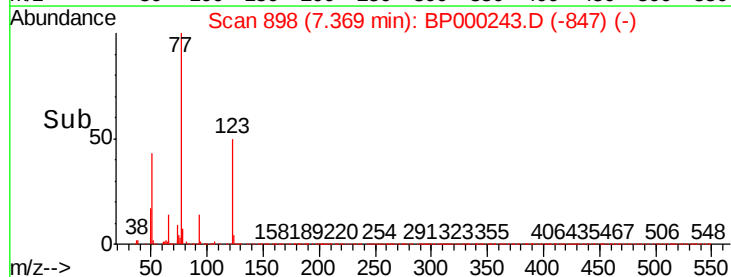
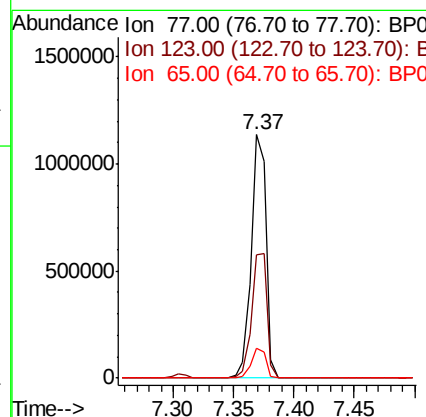
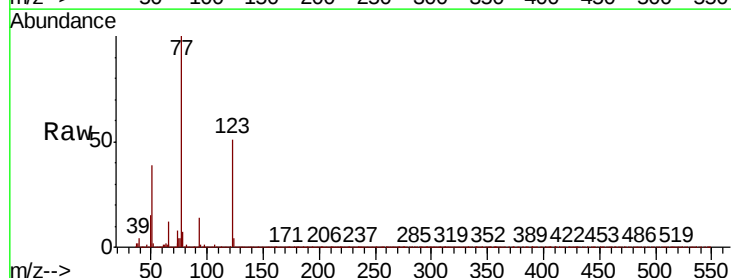
Instrument :
BNA_P
ClientSampleId :

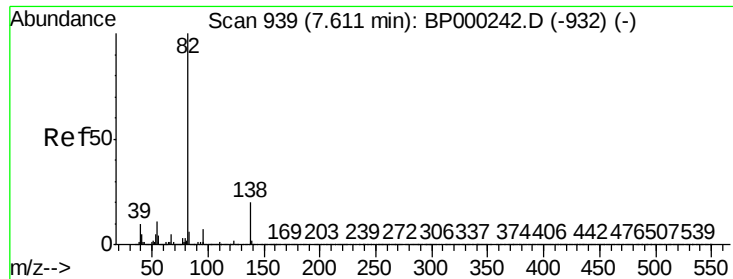
Tot Ion: 82 Resp: 1866684
Ion Ratio Lower Upper
82 100
128 49.4 40.7 61.1
54 37.8 30.1 45.1



#24
Nitrobenzene
Concen: 44.343 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion: 77 Resp: 977321
Ion Ratio Lower Upper
77 100
123 50.7 43.1 64.7
65 12.2 9.4 14.2





#25

Isophorone

Concen: 42.303 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

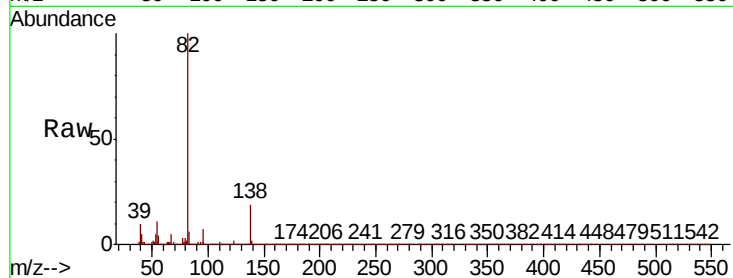
Tot Ion: 82 Resp: 1818465

Ion Ratio Lower Upper

82 100

95 7.2 5.9 8.9

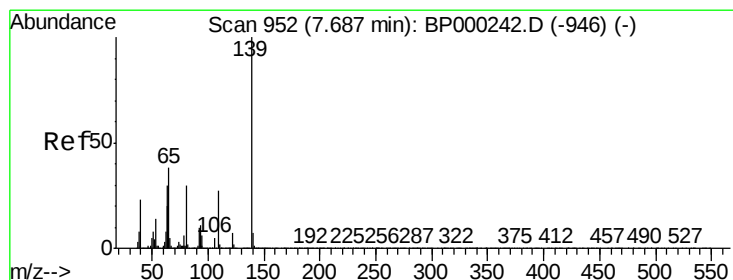
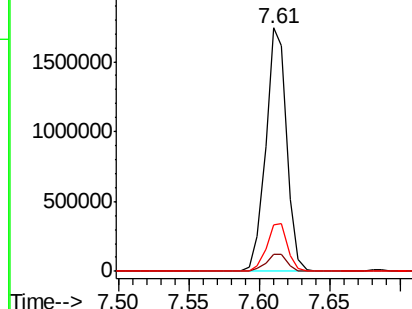
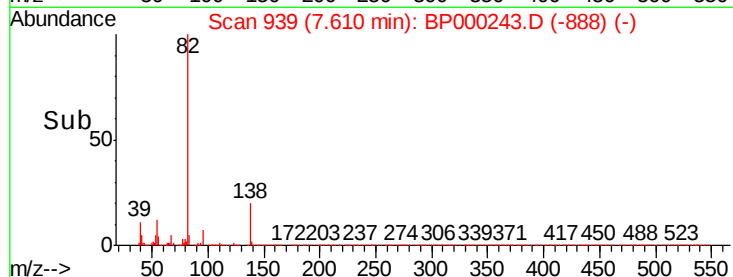
138 19.1 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 61.137 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

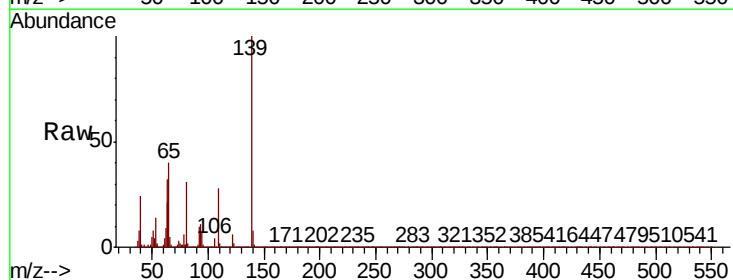
Tgt Ion: 139 Resp: 524742

Ion Ratio Lower Upper

139 100

109 28.1 21.8 32.6

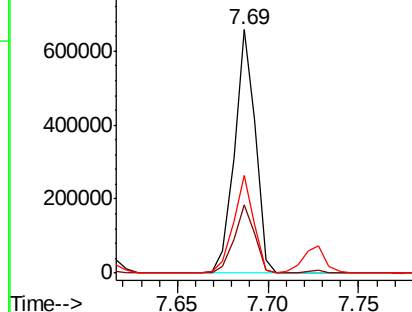
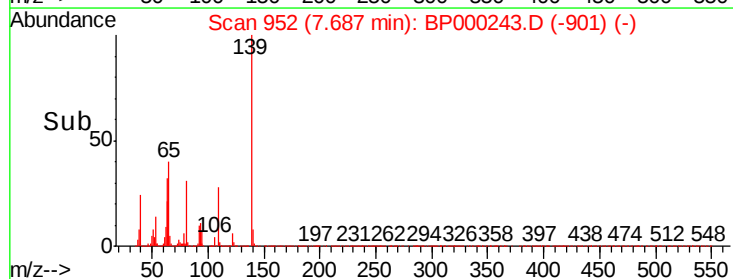
65 40.3 30.5 45.7

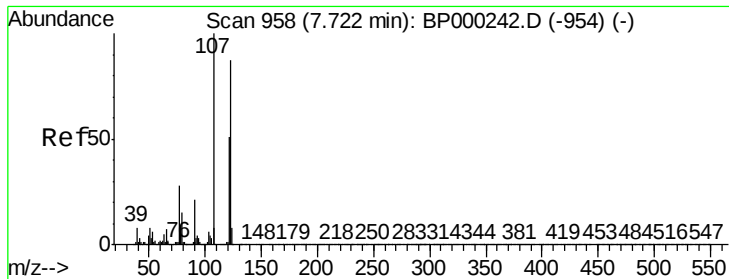


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

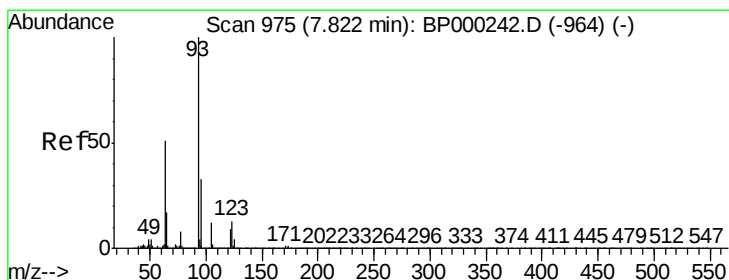
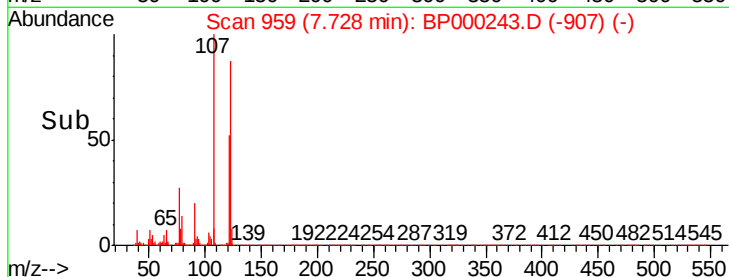
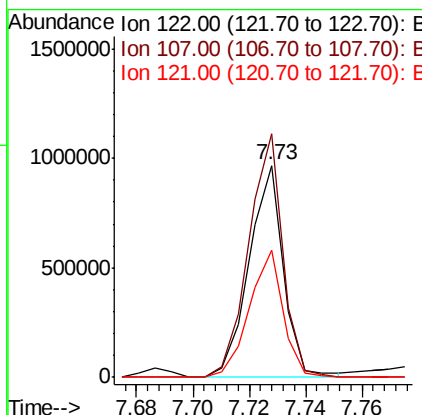
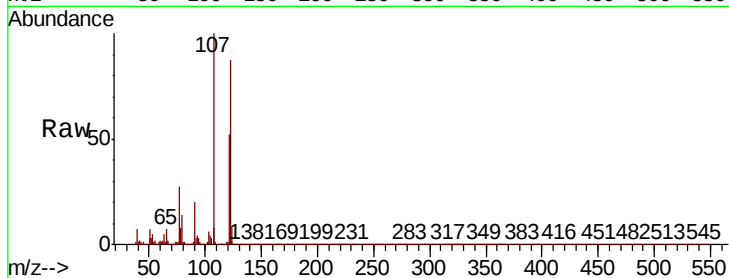




#27
2,4-Dimethylphenol
Concen: 46.941 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

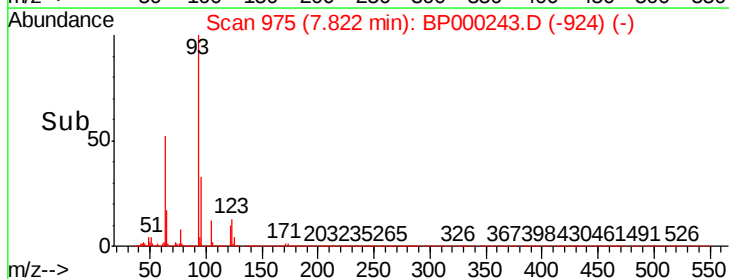
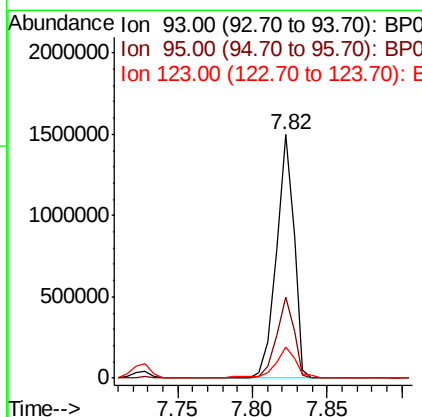
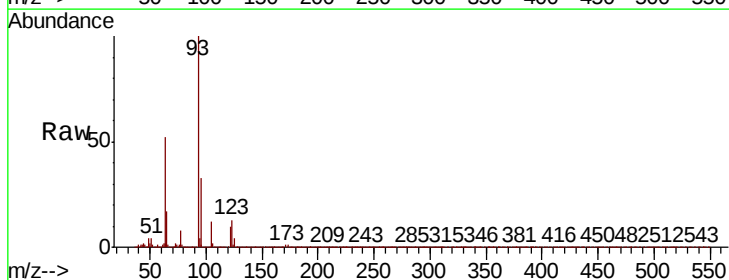
Instrument :
BNA_P
ClientSampled :

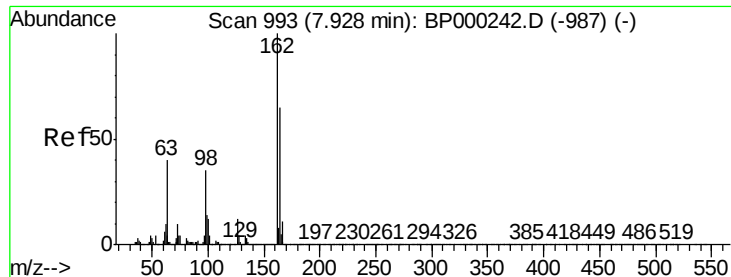
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.5	137.3
121	59.7	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.843 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 49.298 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampled :

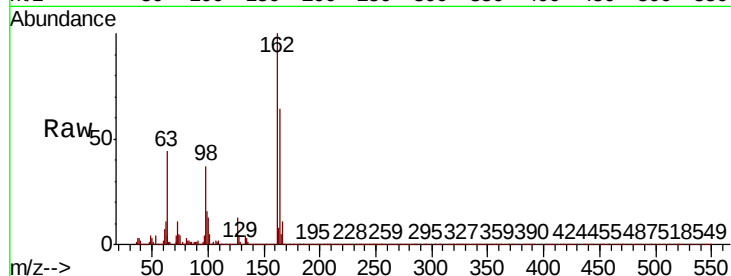
Tot Ion:162 Resp: 877969

Ion Ratio Lower Upper

162 100

164 64.1 44.5 84.5

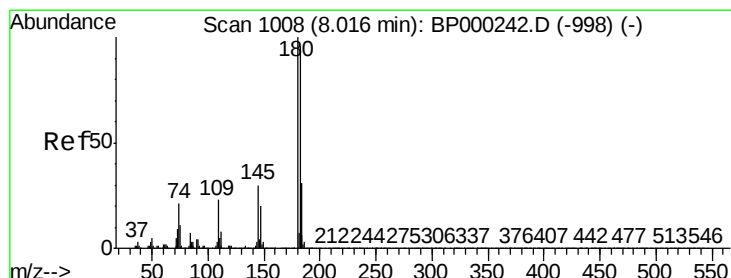
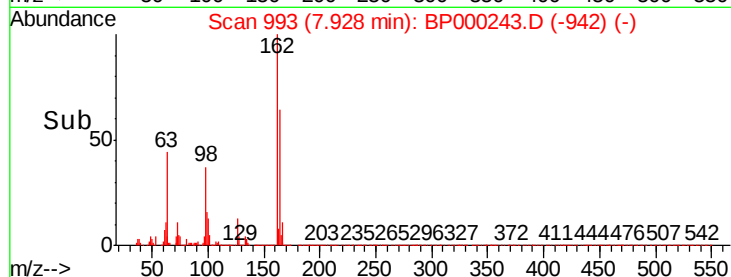
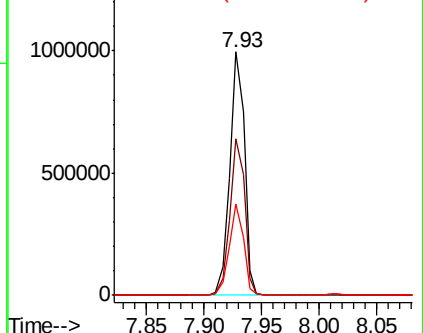
98 37.3 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 49.835 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

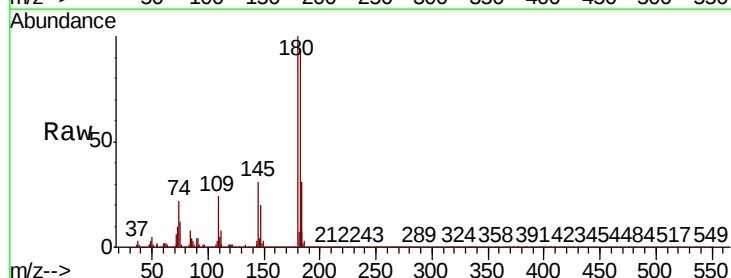
Tgt Ion:180 Resp: 1011792

Ion Ratio Lower Upper

180 100

182 94.3 77.2 115.8

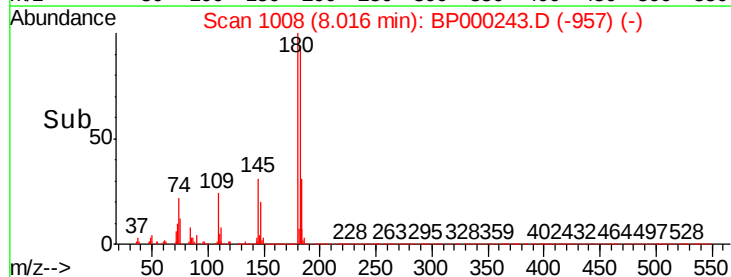
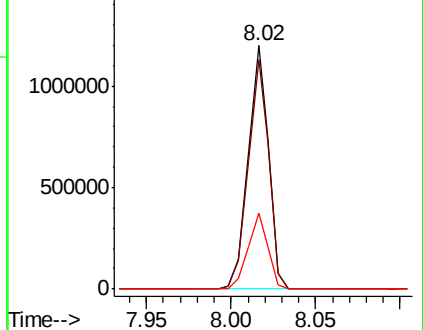
145 31.1 24.3 36.5

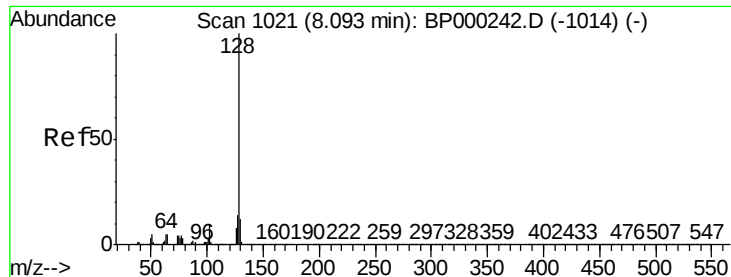


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

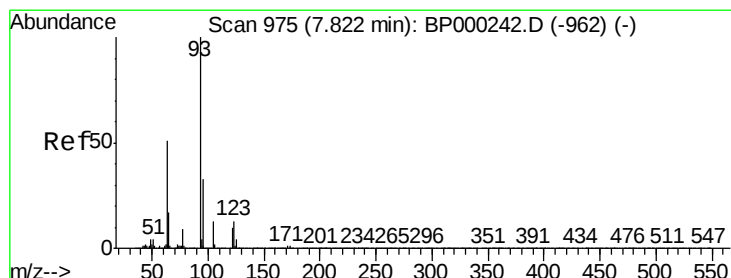
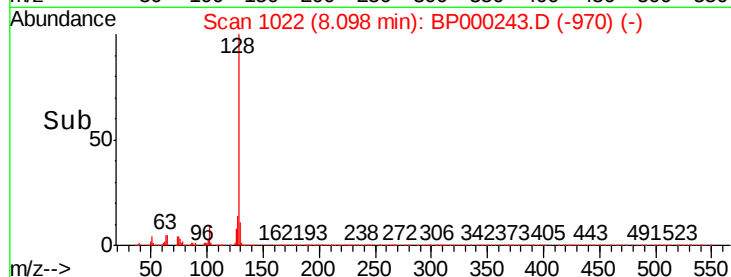
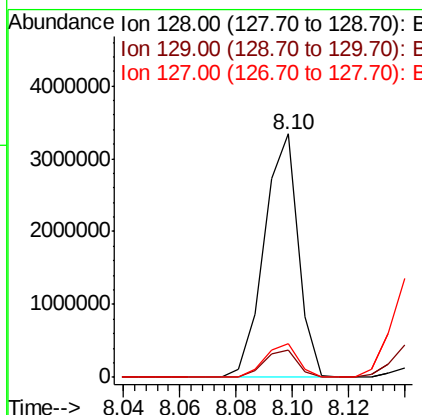
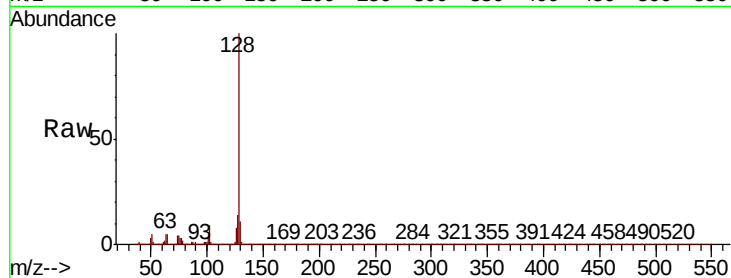




#31
Naphthalene
Concen: 48.848 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

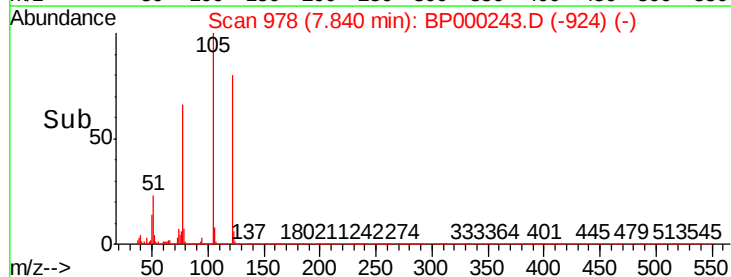
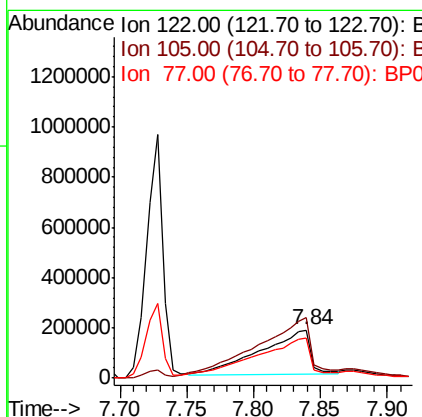
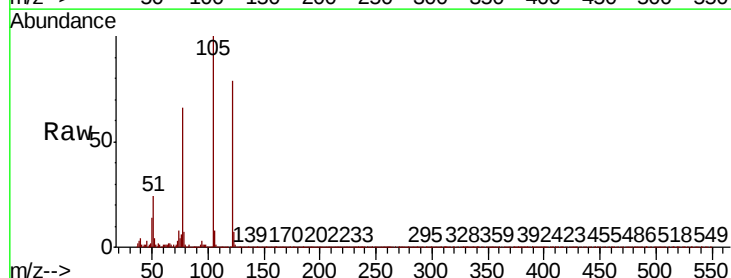
Instrument :
BNA_P
ClientSampleId :

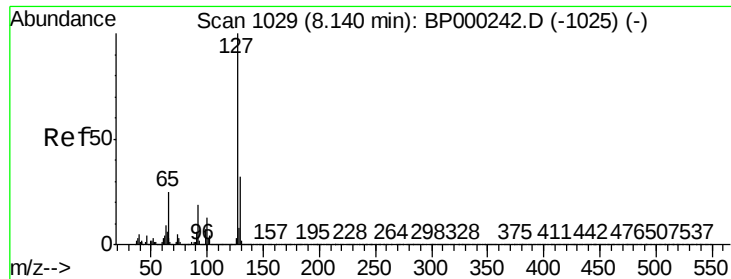
Tot Ion:128 Resp: 2797749
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 14.1 11.0 16.6



#32
Benzoic acid
Concen: 43.682 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:122 Resp: 464507
Ion Ratio Lower Upper
122 100
105 125.9 105.4 145.4
77 83.2 65.3 105.3

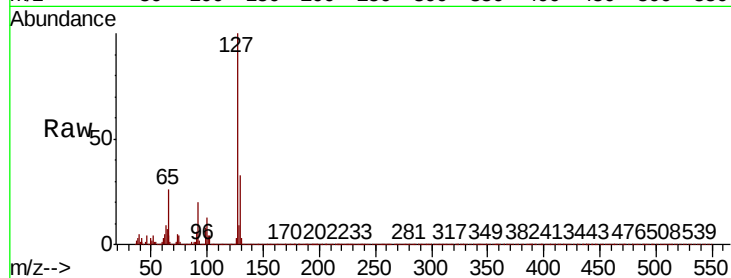




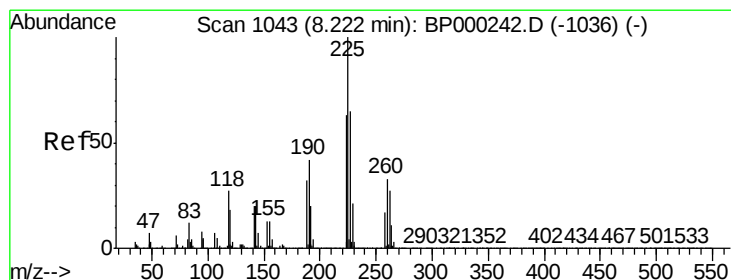
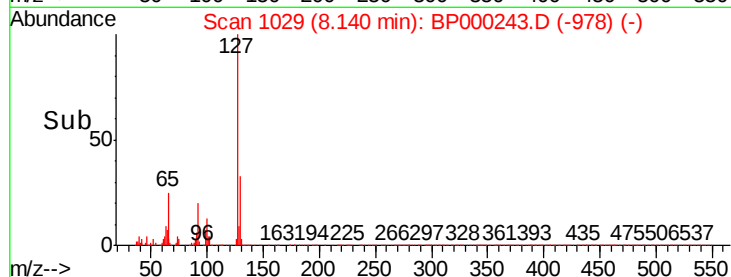
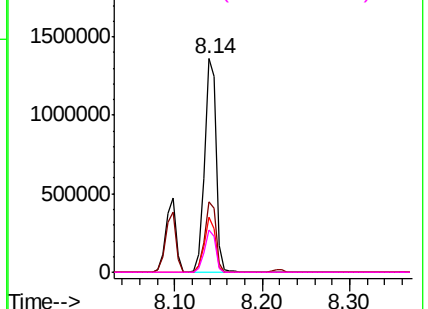
#33
4-Chloroaniline
Concen: 46.406 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	1253564
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	25.9	19.9	29.9
92	19.7	15.4	23.0

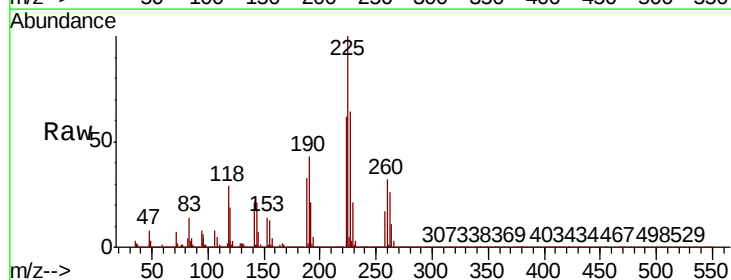


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

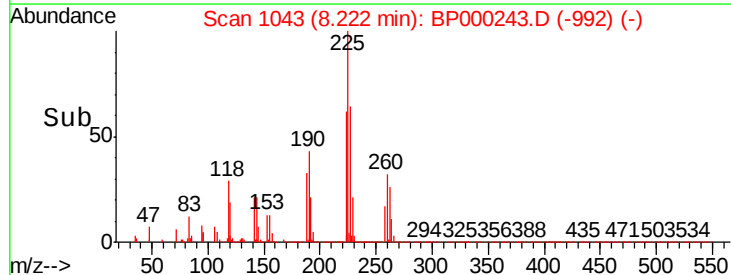
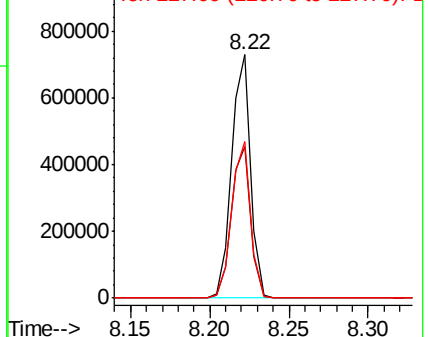


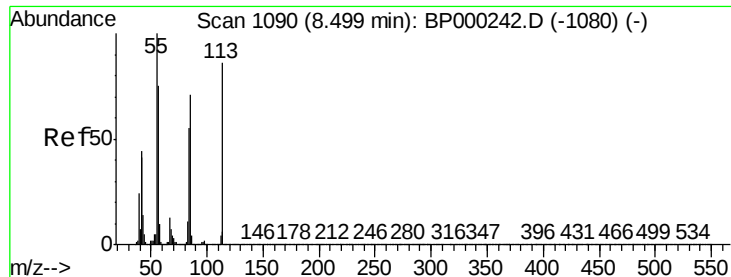
#34
Hexachlorobutadiene
Concen: 52.482 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:	225	Resp:	600397
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	64.2	51.8	77.6



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





#35

Caprolactam

Concen: 47.199 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

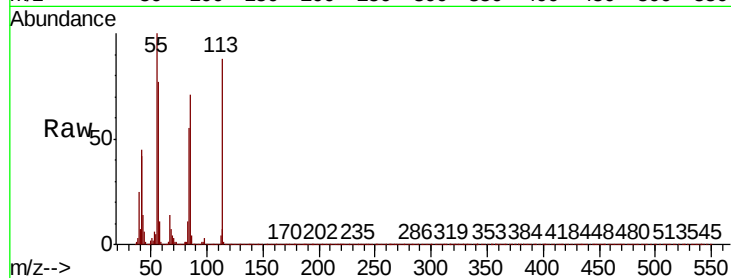
Tot Ion:113 Resp: 298941

Ion Ratio Lower Upper

113 100

55 113.8 96.8 136.8

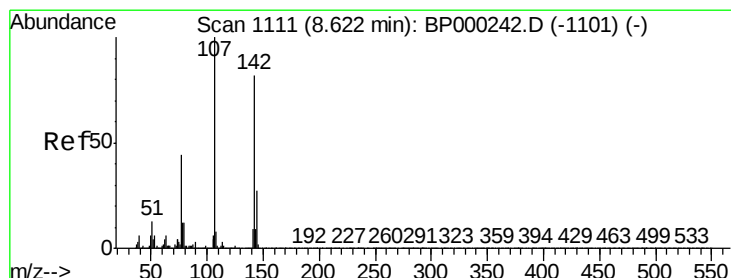
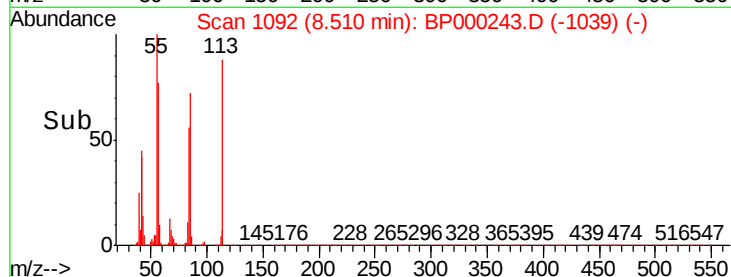
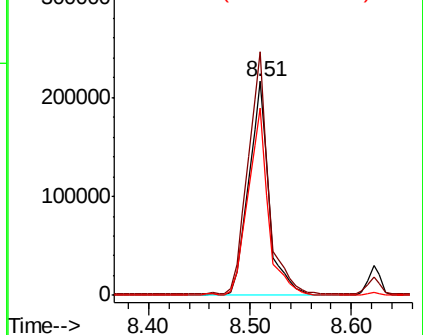
56 87.7 67.5 107.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 45.898 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

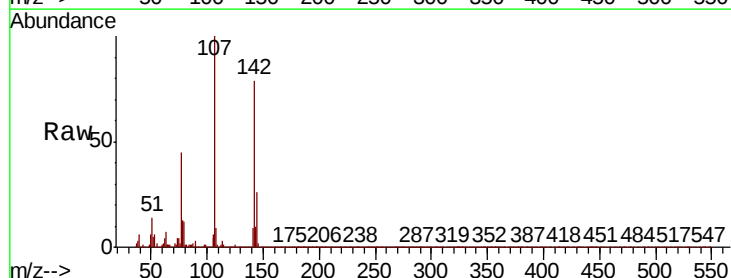
Tgt Ion:107 Resp: 891872

Ion Ratio Lower Upper

107 100

144 25.9 21.5 32.3

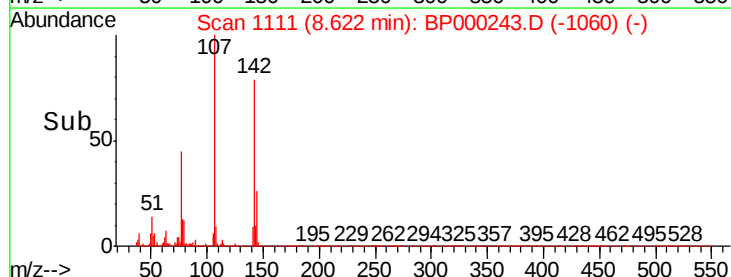
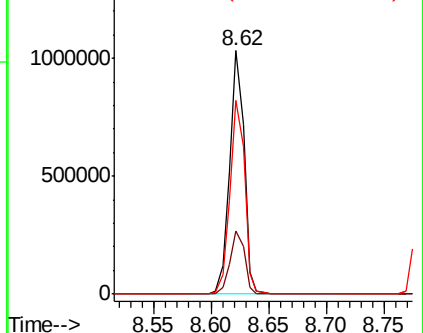
142 79.4 65.7 98.5

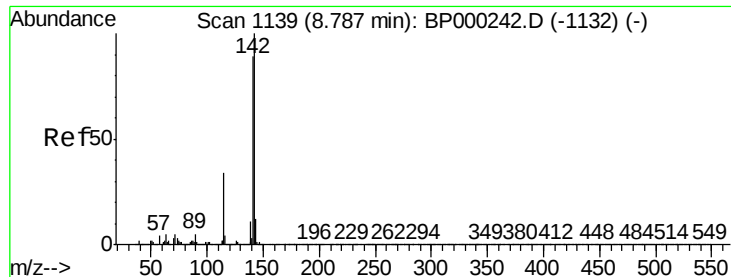


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



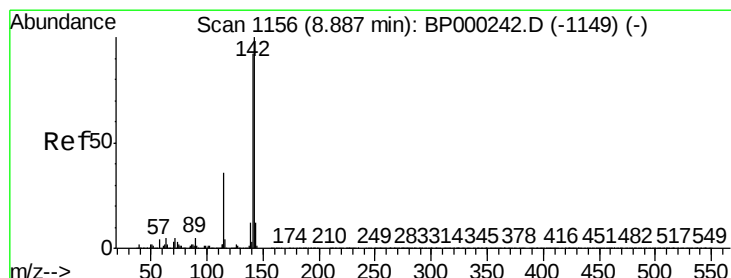
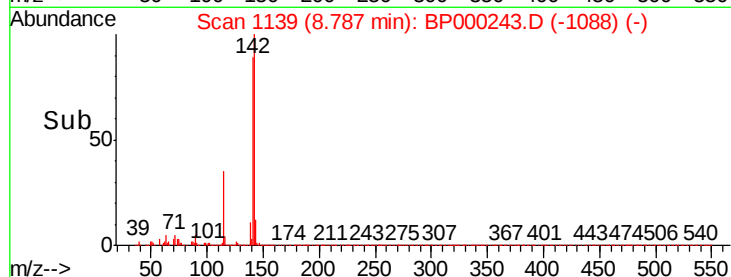
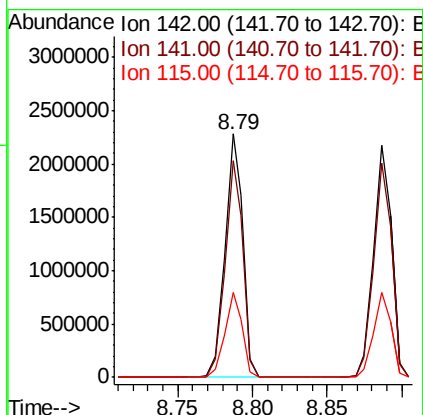
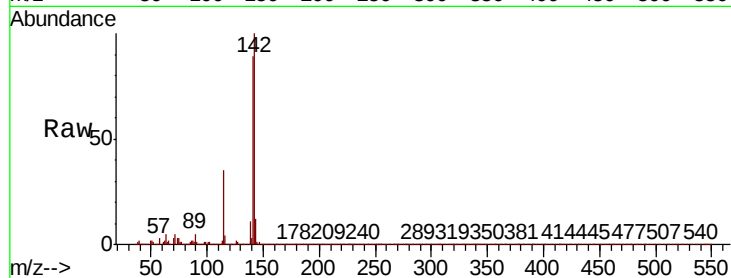


#37
 2-Methylnaphthalene
 Concen: 48.271 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 1932075

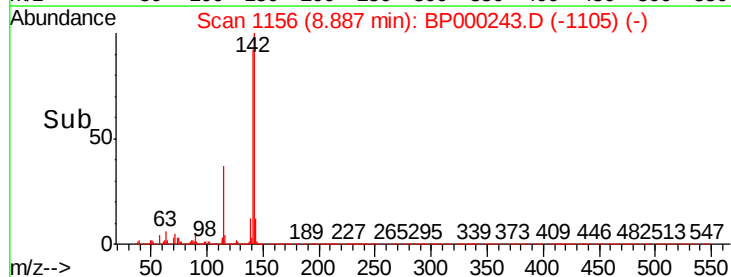
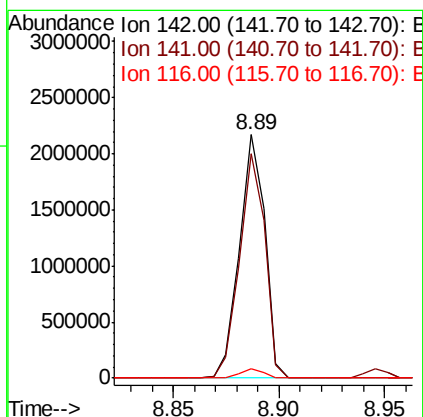
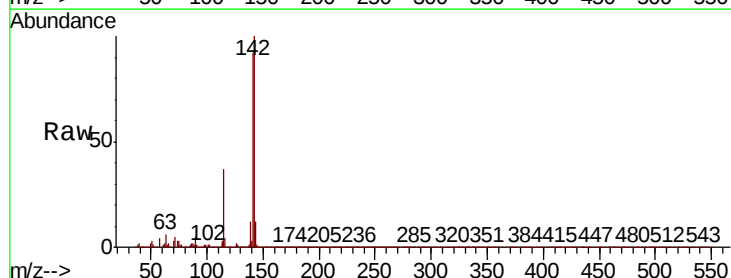
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	35.1	27.2	40.8

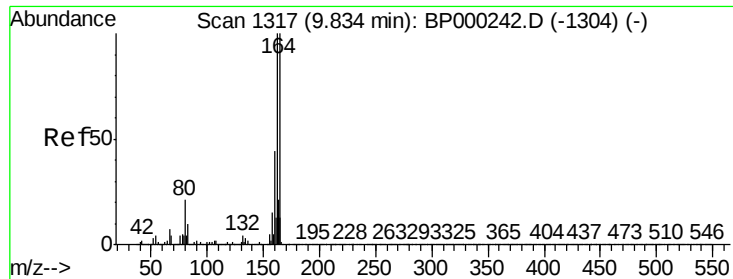


#38
 1-Methylnaphthalene
 Concen: 47.868 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

Tgt Ion:142 Resp: 1805236

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	3.9	3.0	4.6

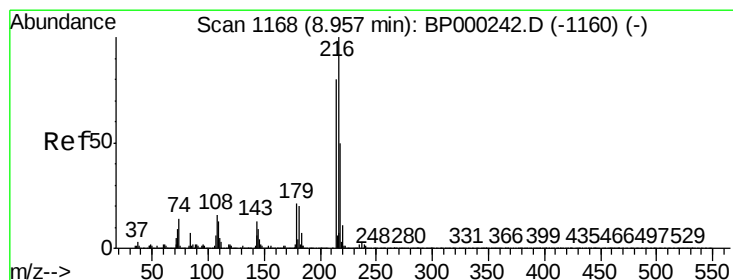
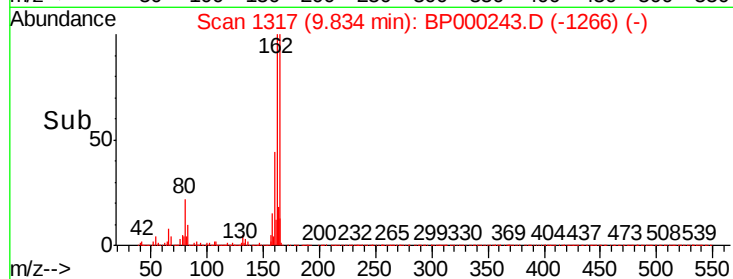
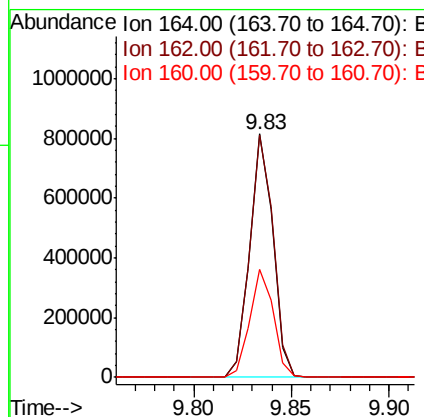
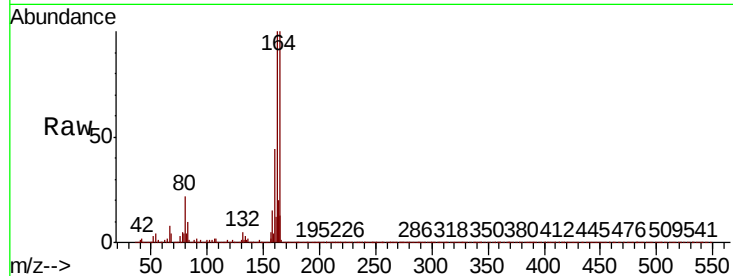




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

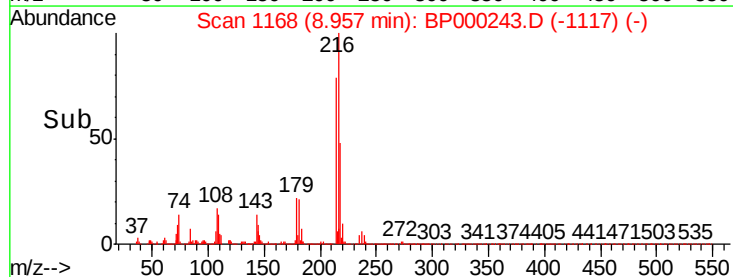
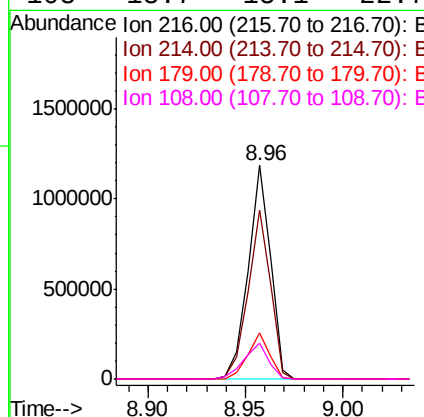
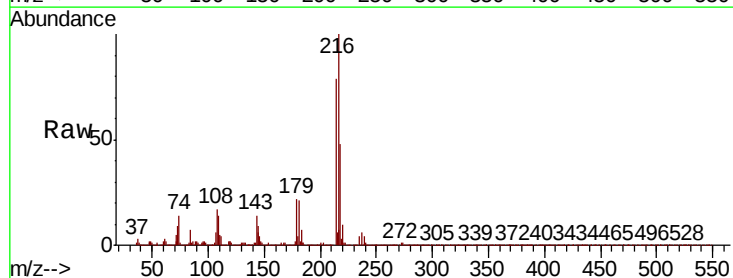
Instrument :
BNA_P
ClientSampleId :

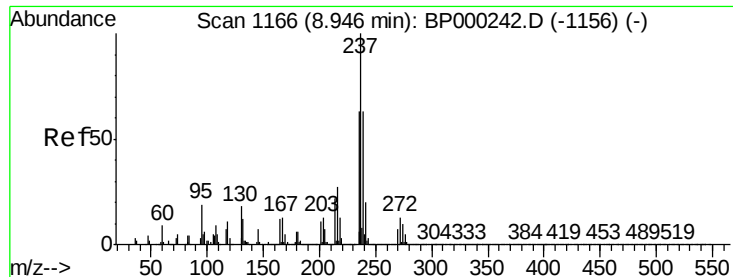
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.3	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.061 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.6	95.4
179	21.4	17.0	25.4
108	18.7	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 52.707 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

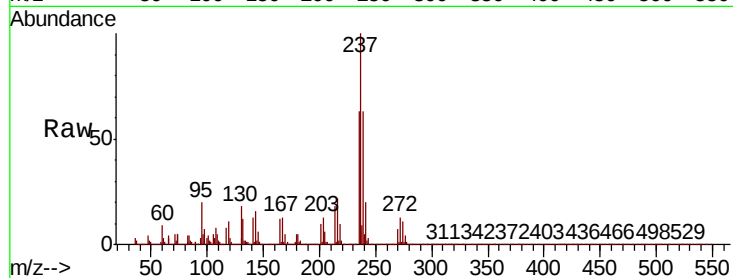
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 552949

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.5	83.5
272	12.5	0.0	33.0

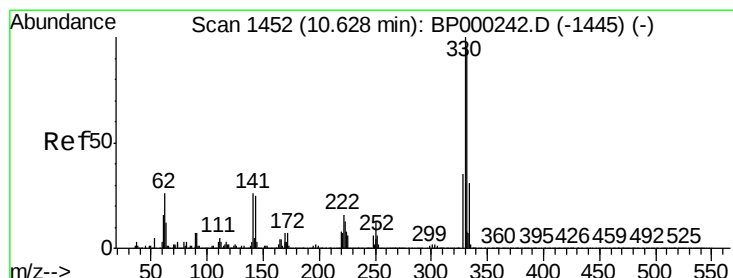
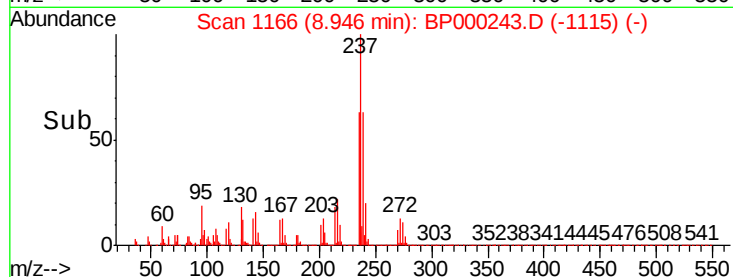
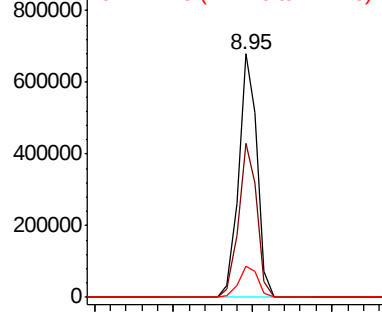


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.564 ng

RT: 10.63 min Scan# 1452

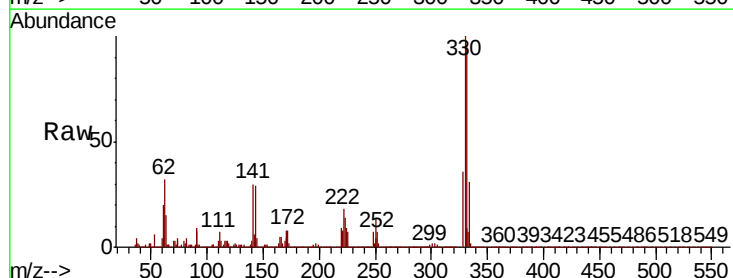
Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:330 Resp: 655703

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	31.7	26.5	39.7

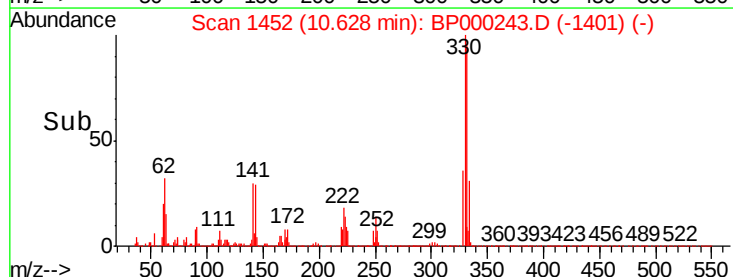
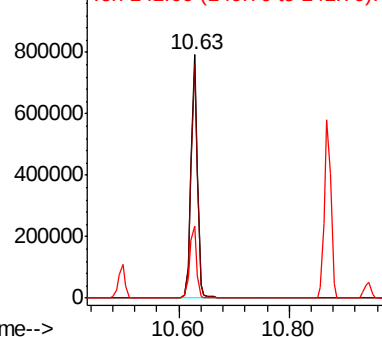


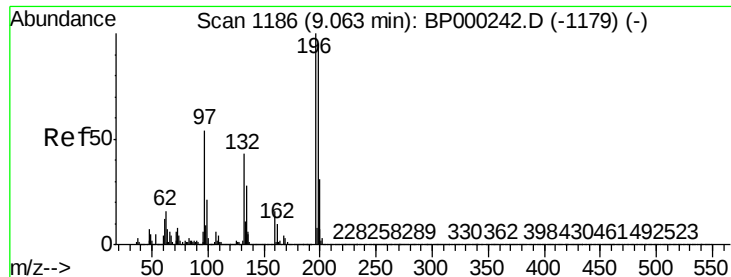
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

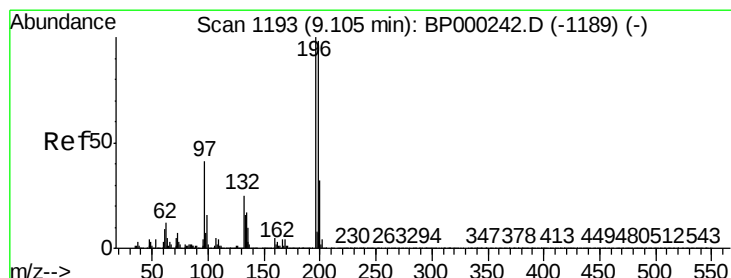
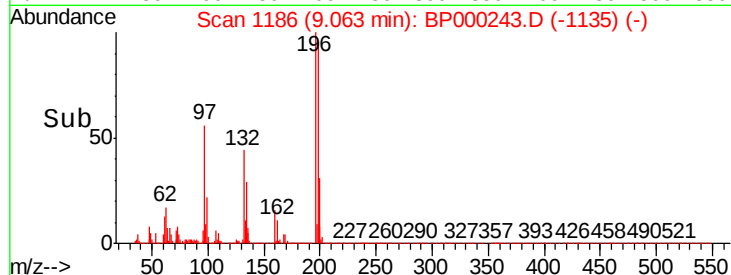
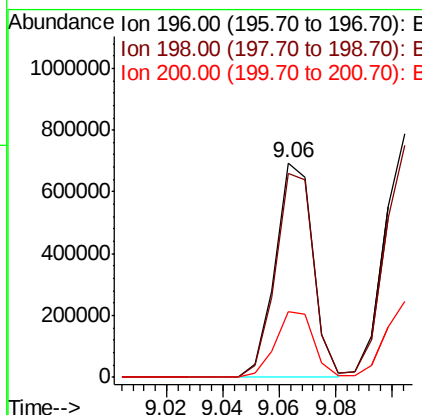
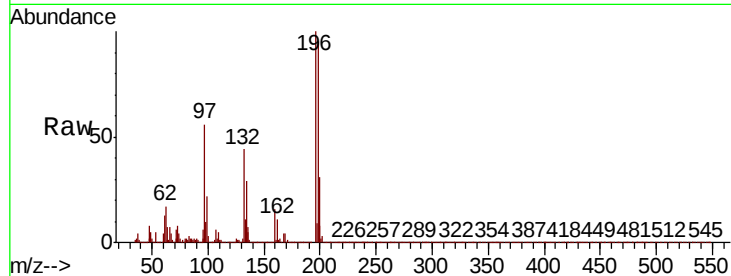




#43
 2,4,6-Trichlorophenol
 Concen: 48.873 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

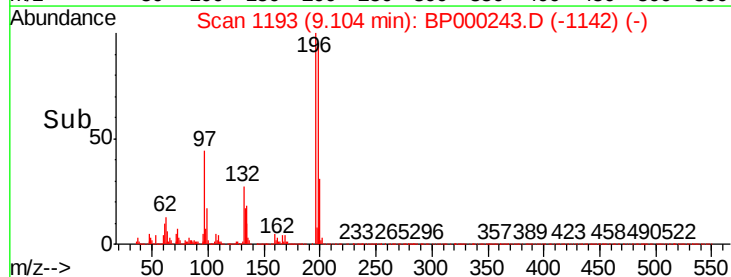
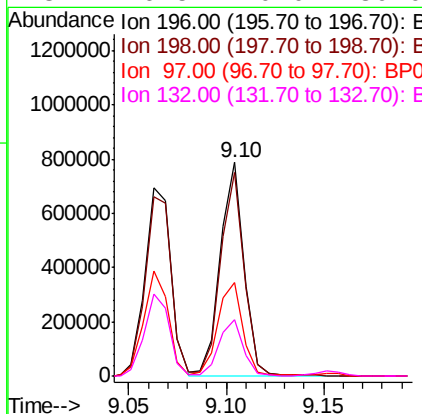
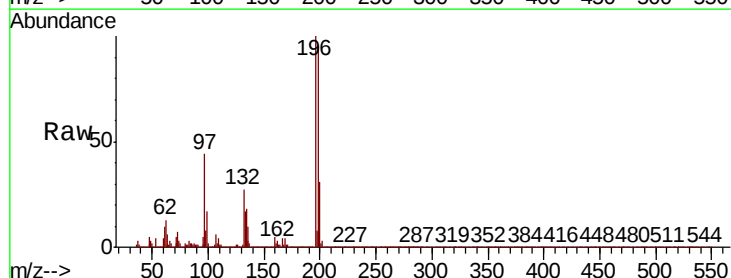
Instrument :
 BNA_P
 ClientSampleId :

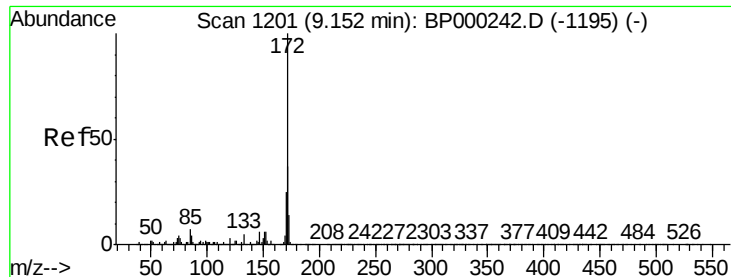
Tot Ion:196 Resp: 642162
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.0 114.0
 200 30.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.271 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

Tgt Ion:196 Resp: 663607
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.1 117.1
 97 43.9 33.3 49.9
 132 26.5 20.0 30.0

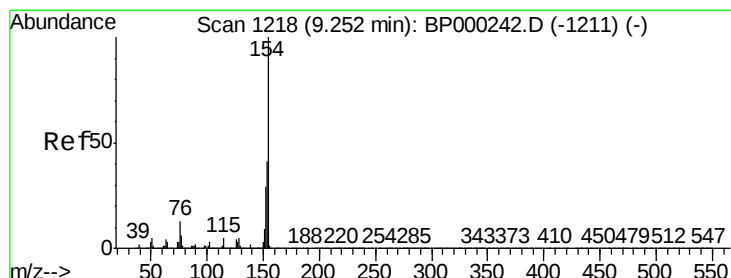
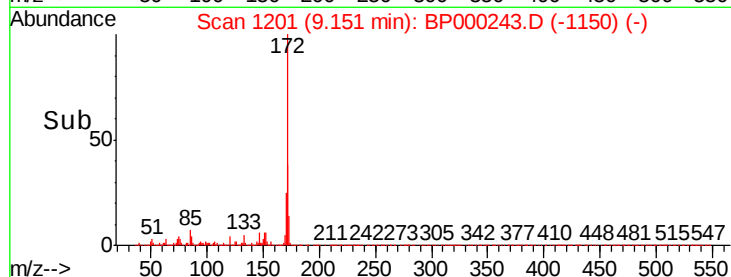
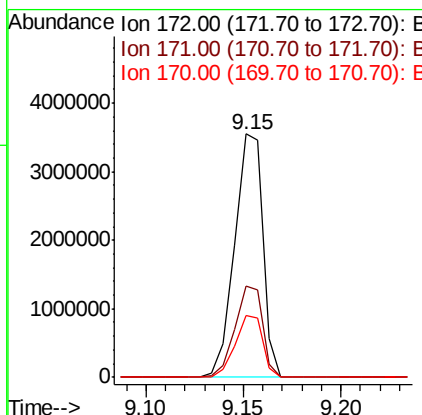
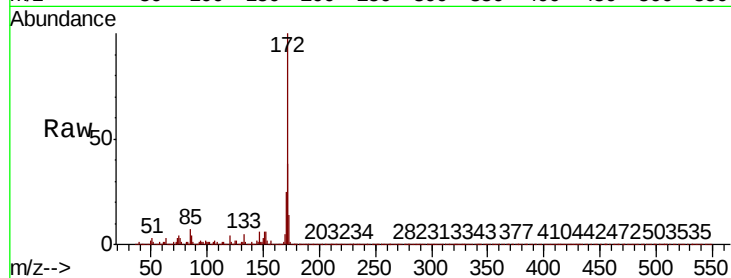




#45
2-Fluorobiphenyl
Concen: 88.072 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

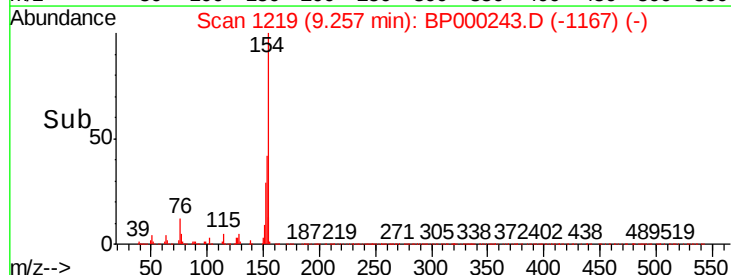
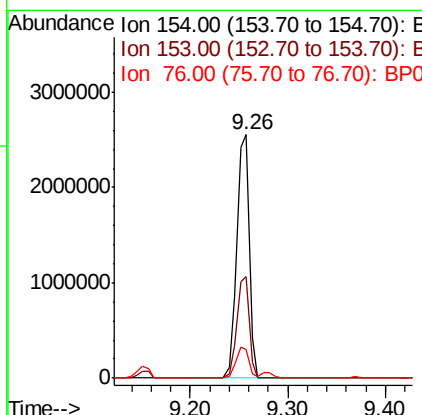
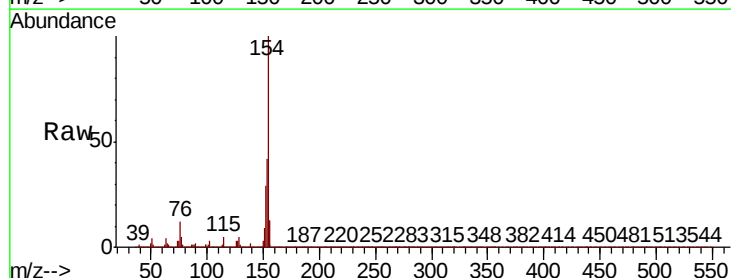
Instrument :
BNA_P
ClientSampleId :

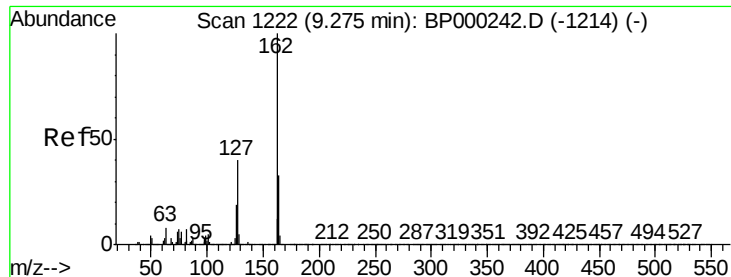
Tot Ion:172 Resp: 3550014
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 47.414 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:154 Resp: 2253193
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 11.6 0.0 33.4

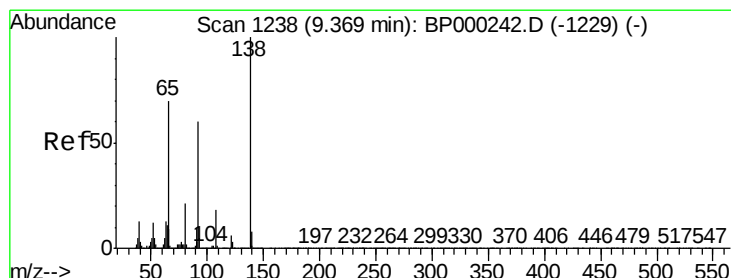
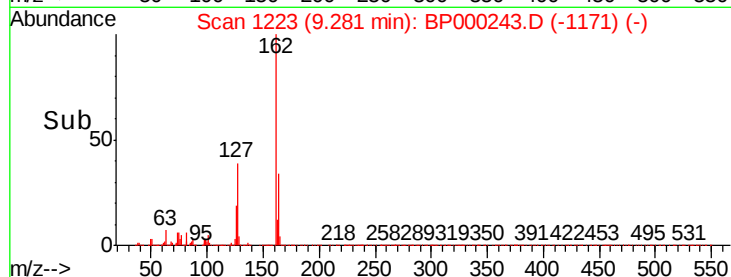
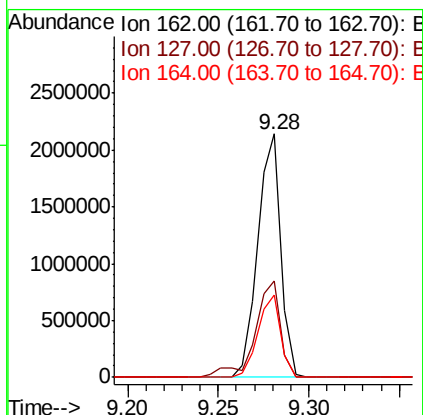
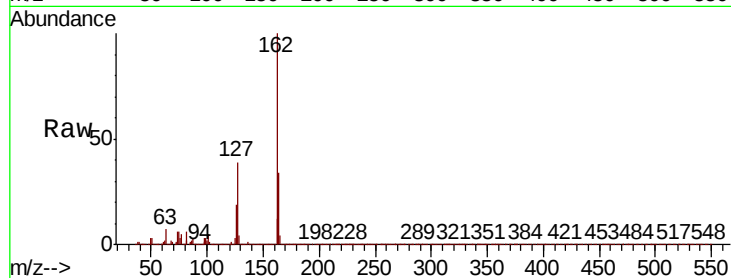




#47
2-Chloronaphthalene
Concen: 47.842 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

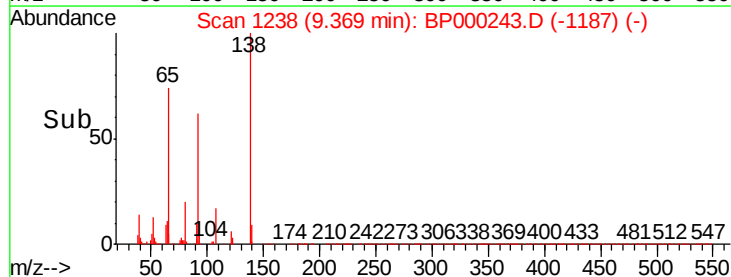
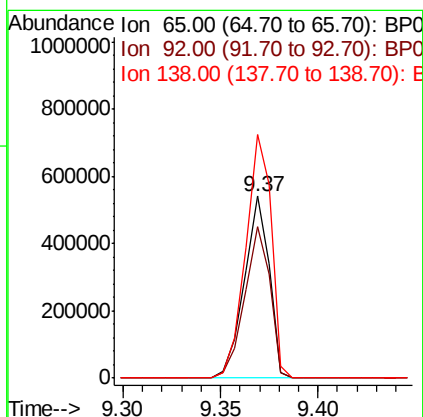
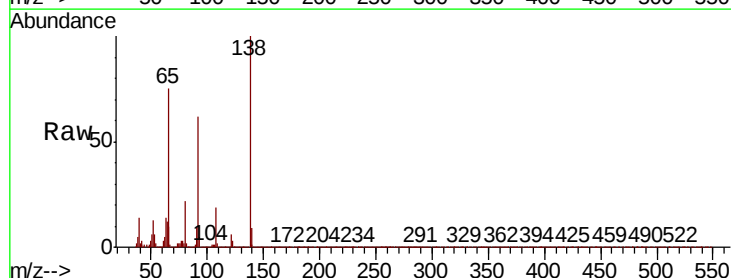
Instrument :
BNA_P
ClientSampleId :

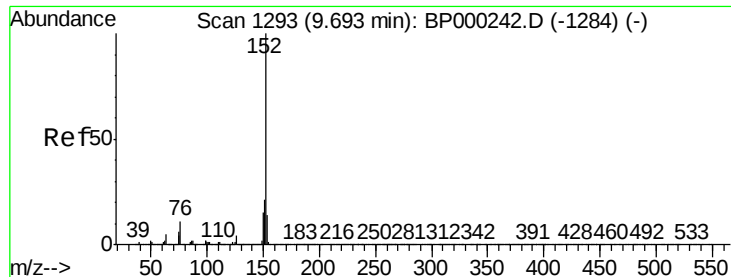
Tot Ion:162 Resp: 1887253
Ion Ratio Lower Upper
162 100
127 39.4 32.4 48.6
164 33.7 26.3 39.5



#48
2-Nitroaniline
Concen: 44.975 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion: 65 Resp: 479216
Ion Ratio Lower Upper
65 100
92 83.3 68.7 103.1
138 134.0 114.4 171.6





#49

Acenaphthylene

Concen: 48.550 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

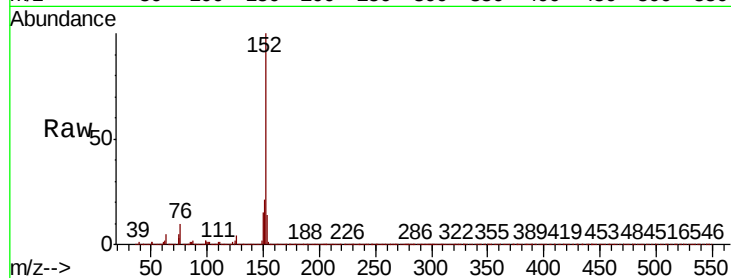
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2841753

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	13.5	11.0	16.4

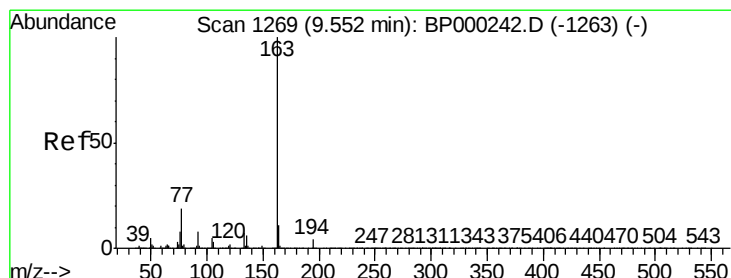
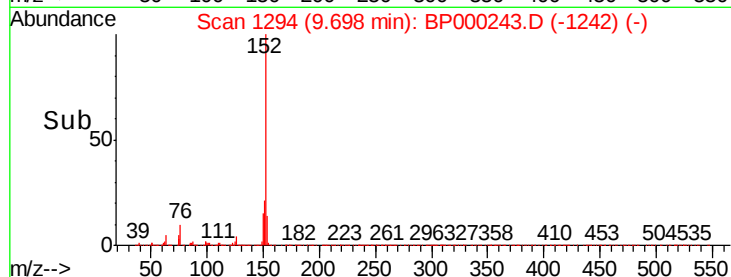
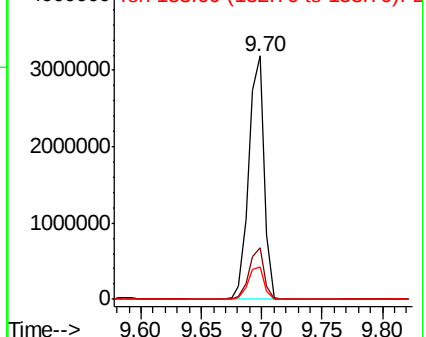


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.975 ng

RT: 9.56 min Scan# 1270

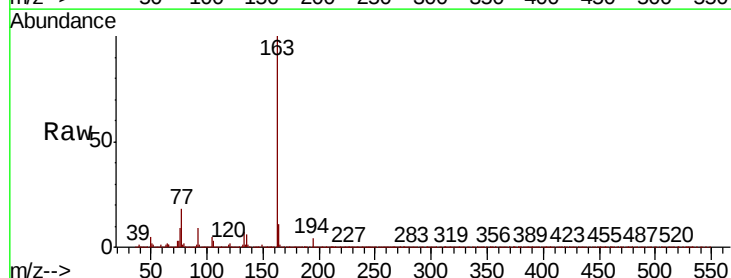
Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:163 Resp: 2200646

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.6	8.5	12.7

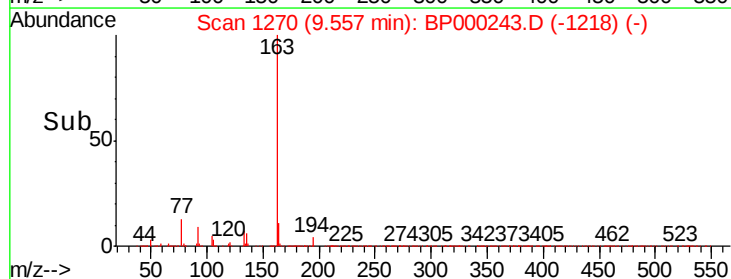
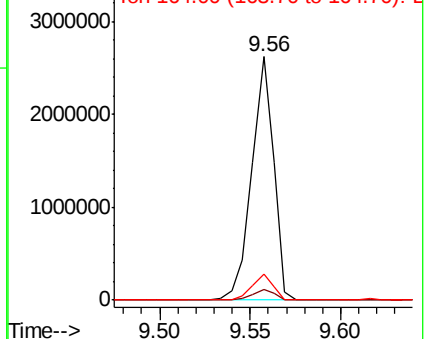


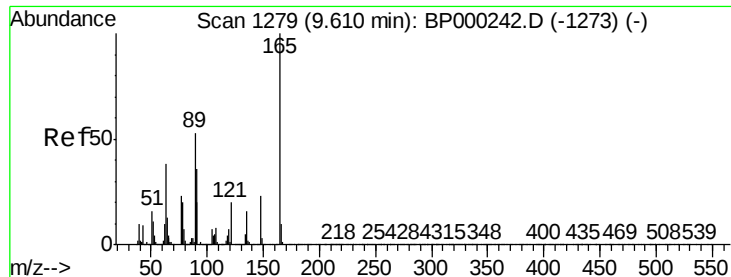
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.123 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

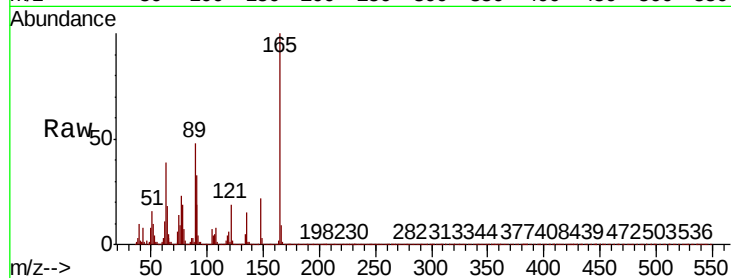
Tot Ion:165 Resp: 497757

Ion Ratio Lower Upper

165 100

63 39.5 35.8 53.8

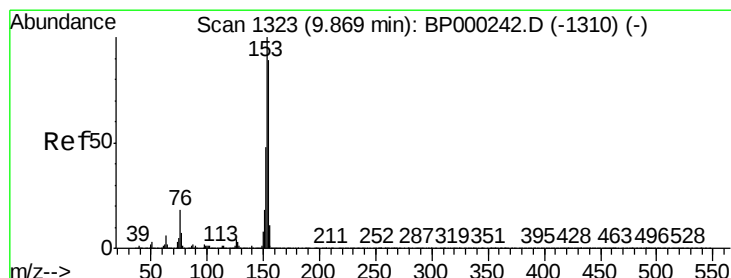
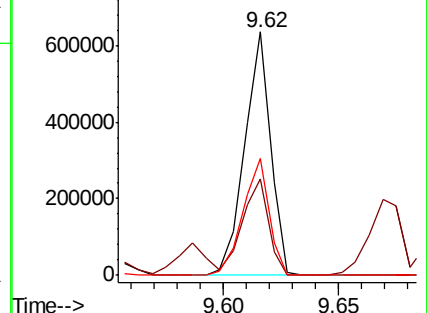
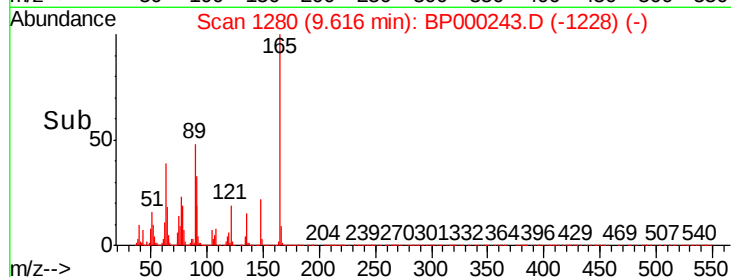
89 48.2 42.6 63.8



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: 49.383 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

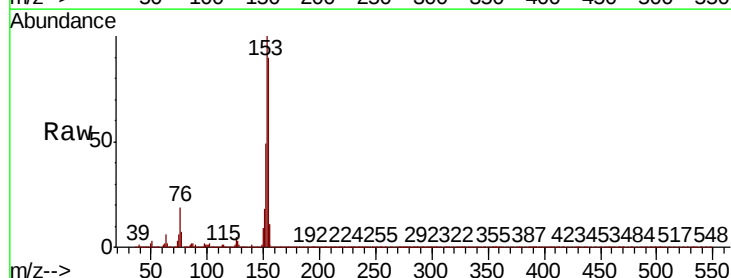
Tgt Ion:154 Resp: 1813773

Ion Ratio Lower Upper

154 100

153 111.1 89.8 134.6

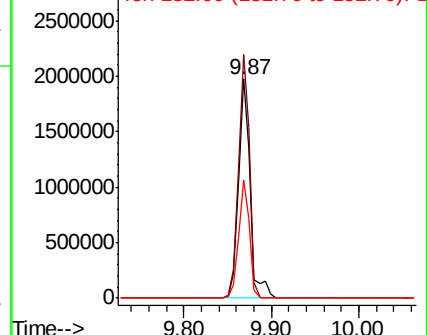
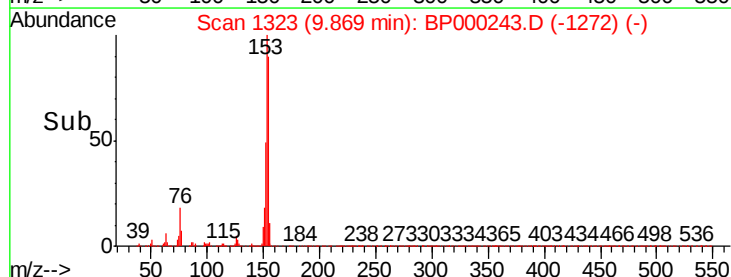
152 54.1 43.4 65.0

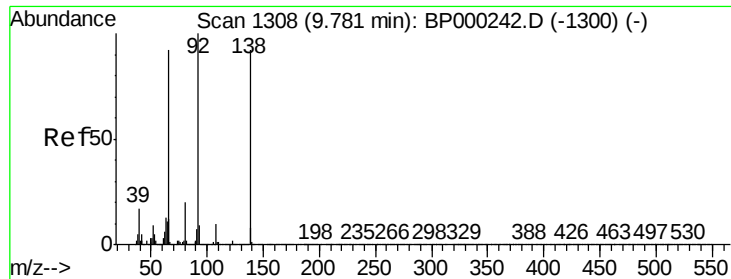


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

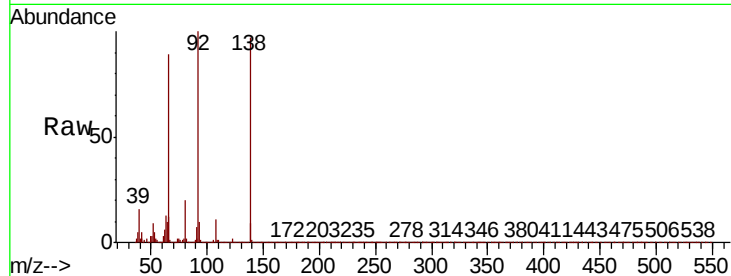




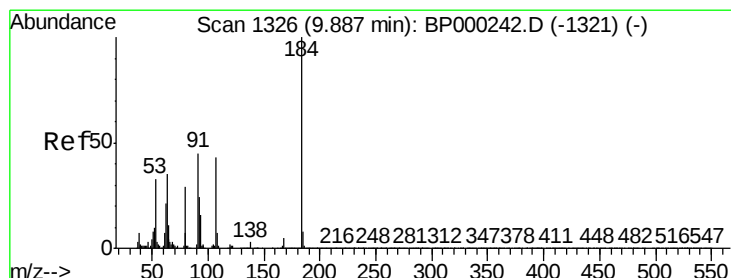
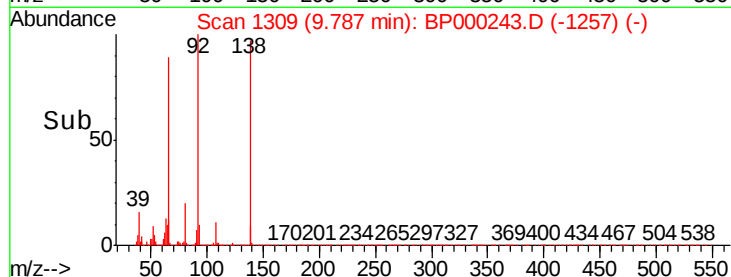
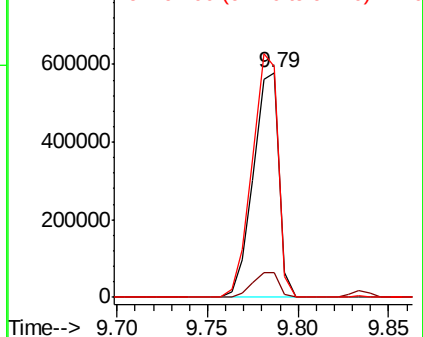
#53
3-Nitroaniline
Concen: 49.184 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 572089
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 102.7 86.7 130.1

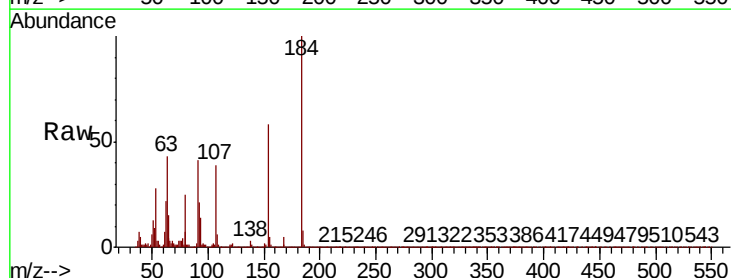


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

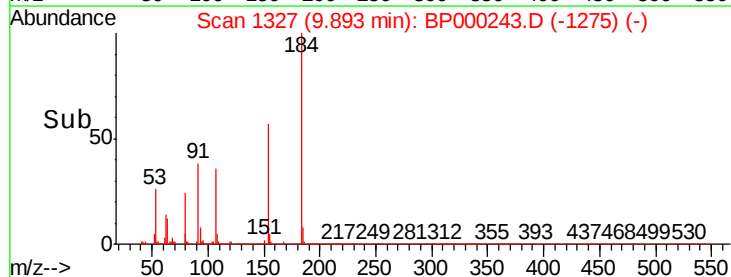
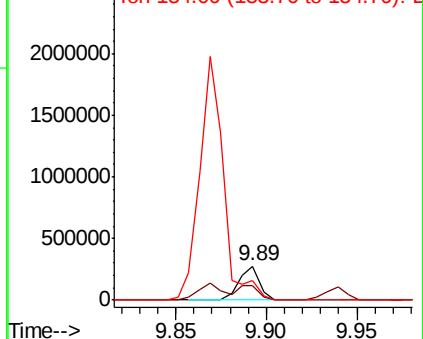


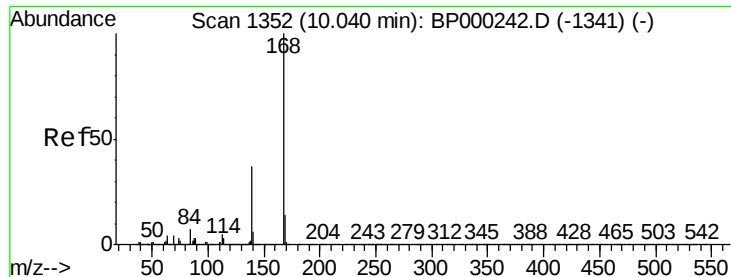
#54
2,4-Dinitrophenol
Concen: 72.576 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:184 Resp: 223133
Ion Ratio Lower Upper
184 100
63 43.0 39.5 59.3
154 57.6 48.8 73.2



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





#55

Dibenzofuran

Concen: 48.901 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

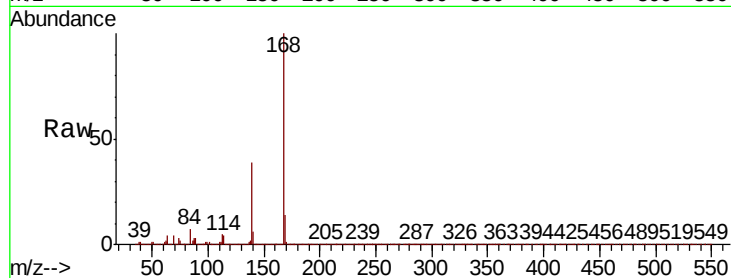
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 2550451

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.0	45.0
169	14.1	11.0	16.6

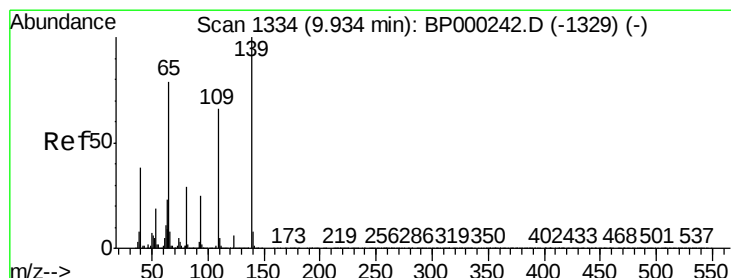
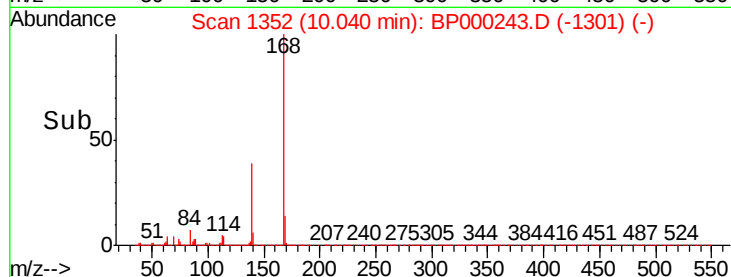
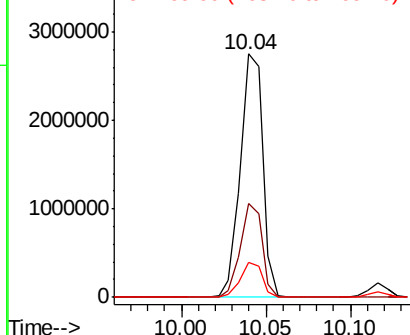


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 50.938 ng

RT: 9.94 min Scan# 1335

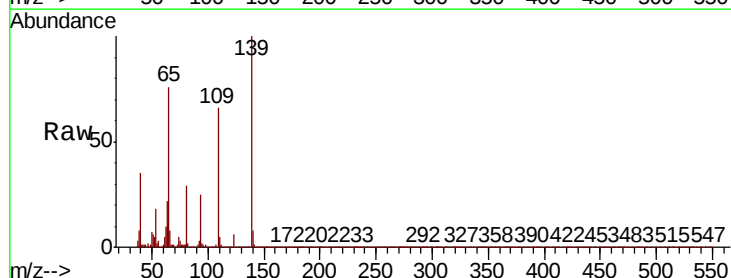
Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:139 Resp: 423490

Ion	Ratio	Lower	Upper
139	100		
109	66.2	46.2	86.2
65	76.4	59.4	99.4

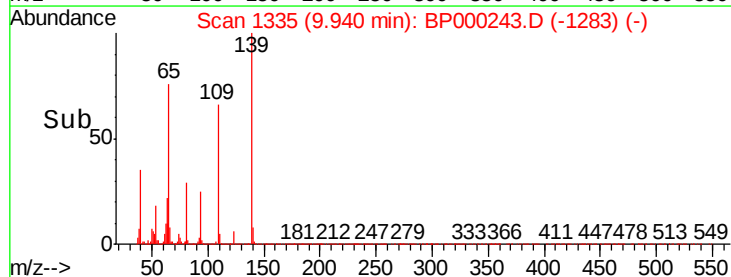
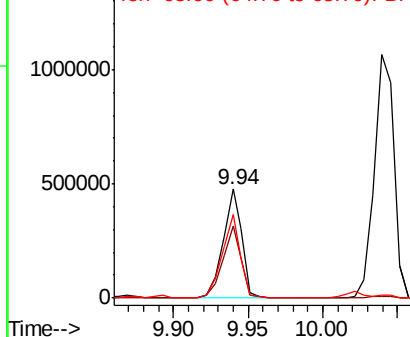


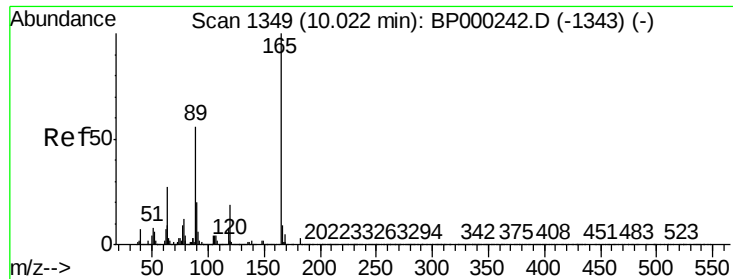
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

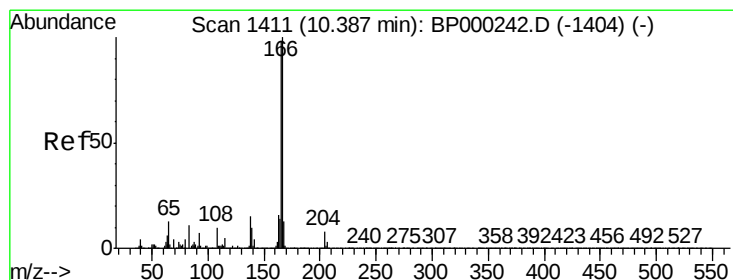
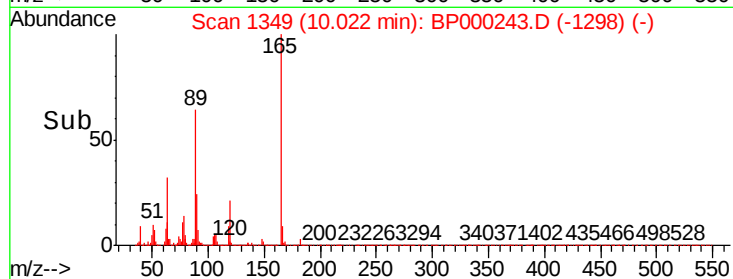
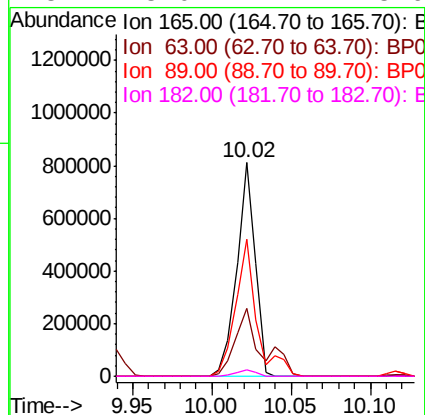
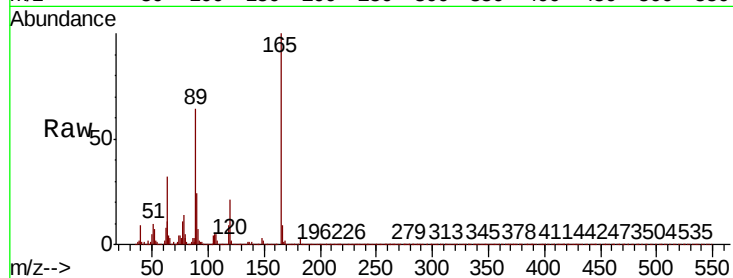




#57
2,4-Dinitrotoluene
Concen: 52.506 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

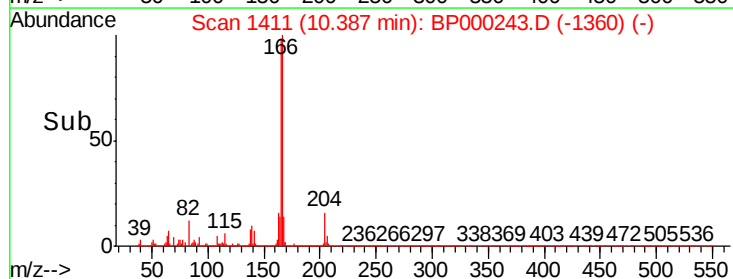
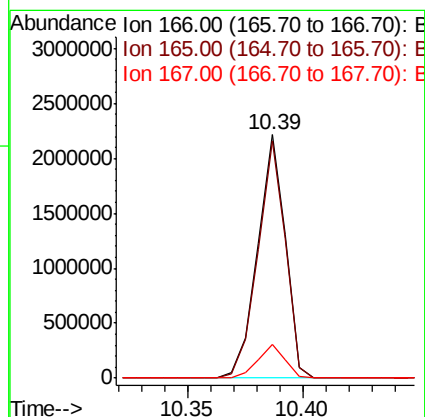
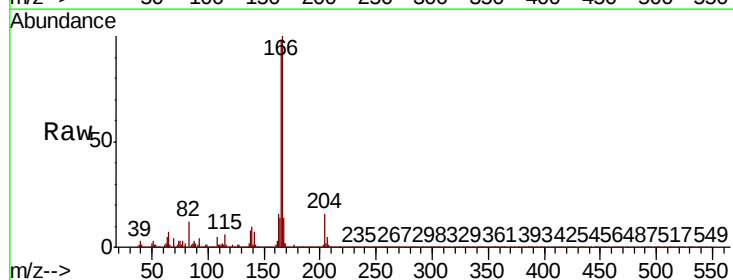
Instrument :
BNA_P
ClientSampleId :

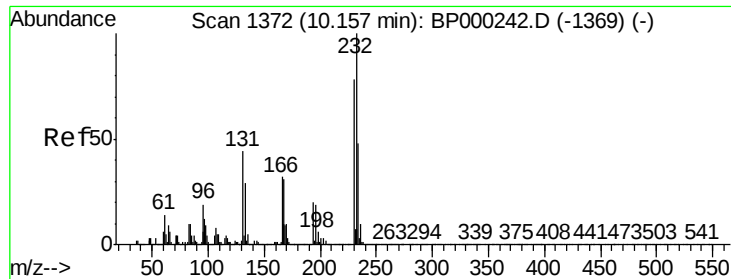
Tot Ion:165	Resp: 652657
Ion Ratio	Lower Upper
165 100	
63 32.0	21.7 32.5
89 64.2	45.0 67.6
182 3.0	2.4 3.6



#58
Fluorene
Concen: 47.271 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt	Ion:166	Resp: 1855500	
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.2
167	13.8	10.7	16.1

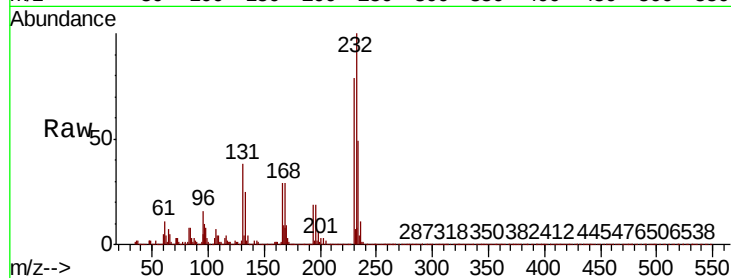




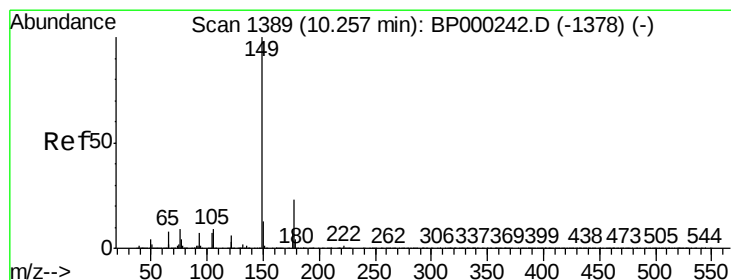
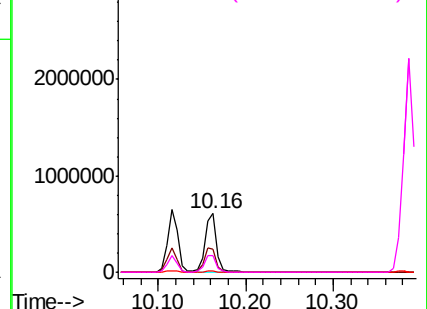
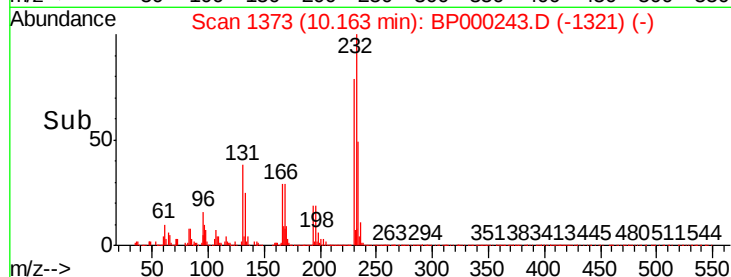
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.640 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.6	50.4
130	2.2	1.8	2.6
166	30.5	24.2	36.2

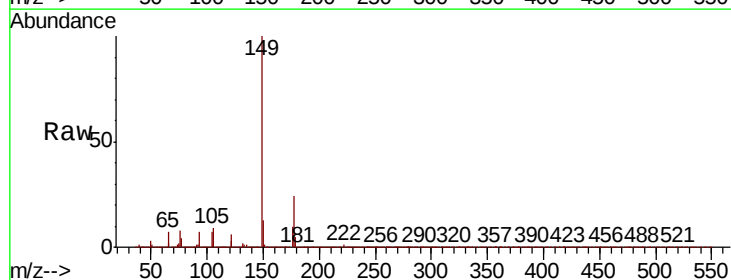


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

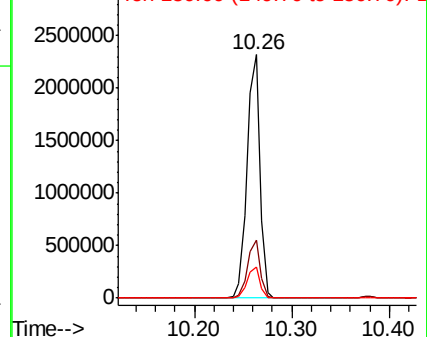
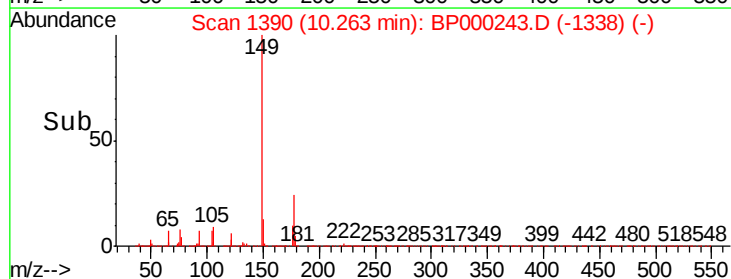


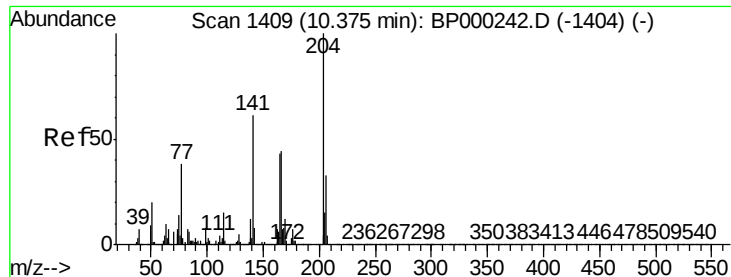
#60
Diethylphthalate
Concen: 46.228 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.1	27.1
150	12.7	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

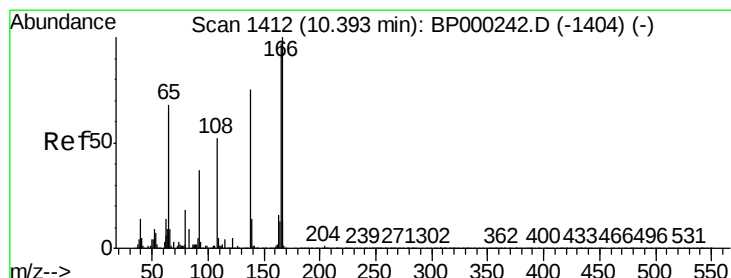
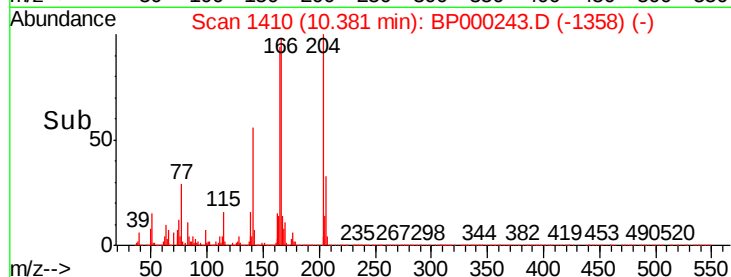
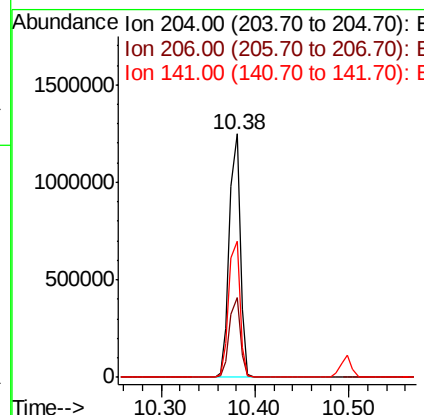
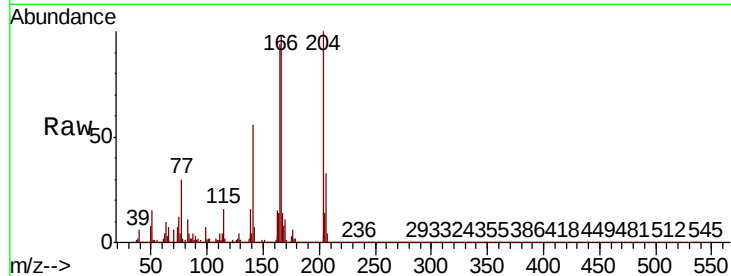




#61
4-Chlorophenyl-phenylether
Concen: 49.574 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

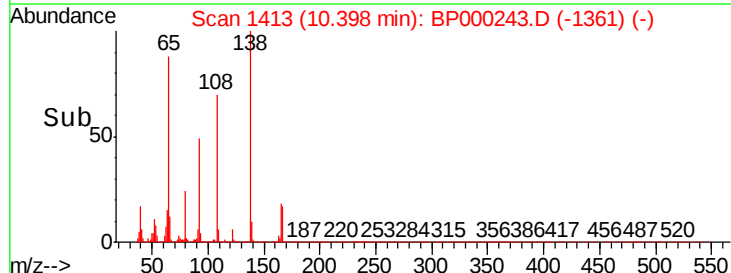
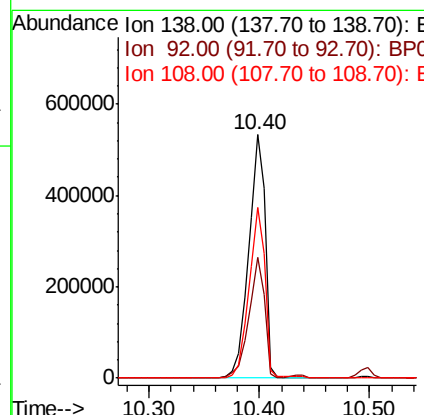
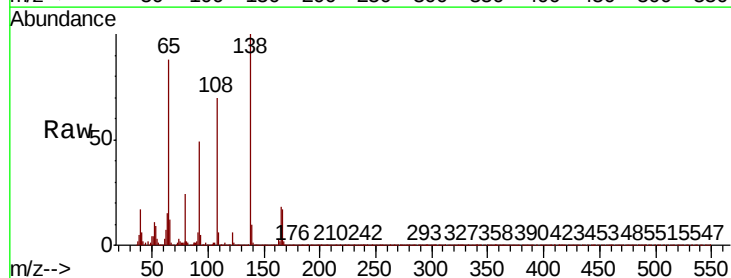
Instrument :
BNA_P
ClientSampled :

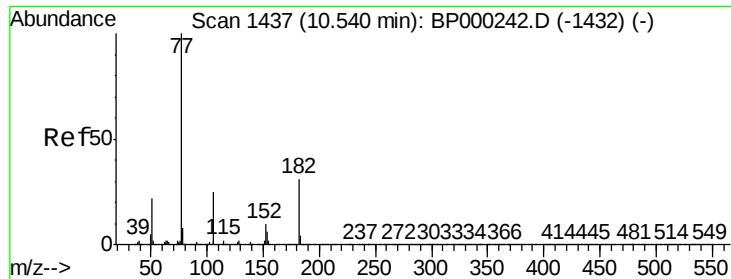
Tot Ion:204 Resp: 1011394
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 56.0 48.6 72.8



#62
4-Nitroaniline
Concen: 50.596 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:138 Resp: 561337
Ion Ratio Lower Upper
138 100
92 49.4 30.1 70.1
108 70.1 49.5 89.5



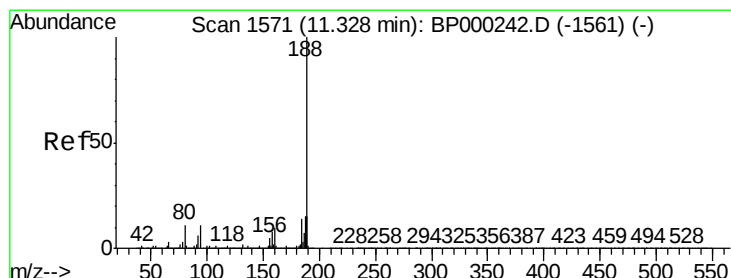
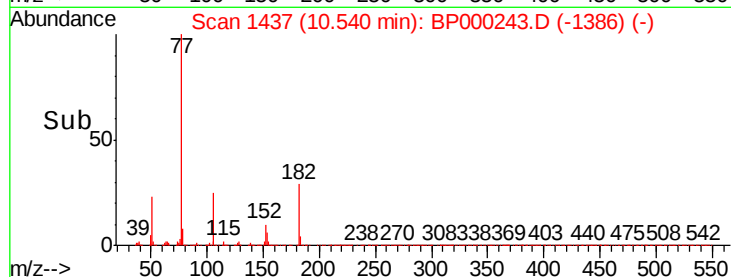
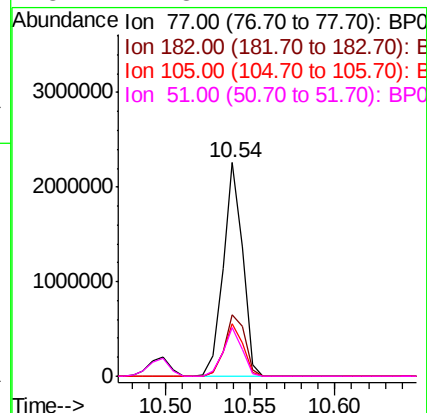
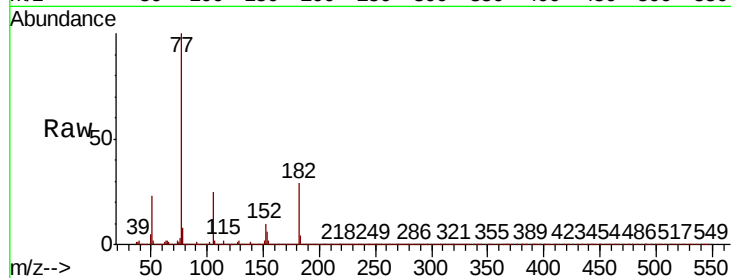


#63
Azobenzene
Concen: 41.159 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1809727

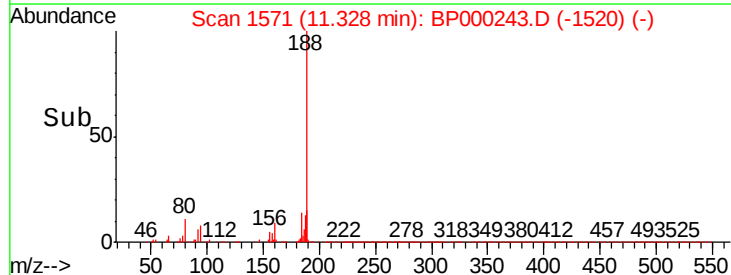
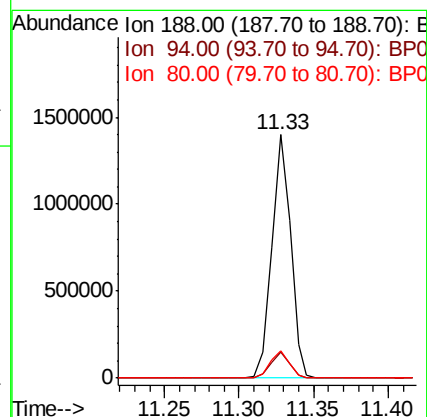
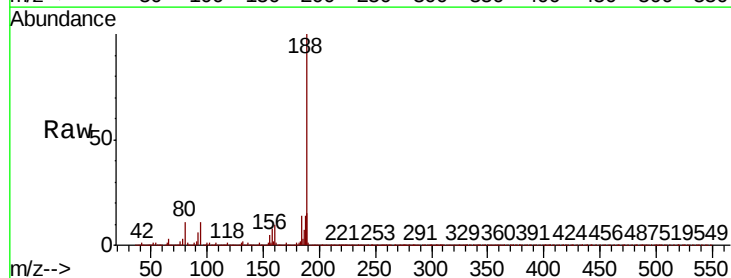
Ion	Ratio	Lower	Upper
77	100		
182	29.1	11.1	51.1
105	24.6	4.7	44.7
51	22.8	2.2	42.2

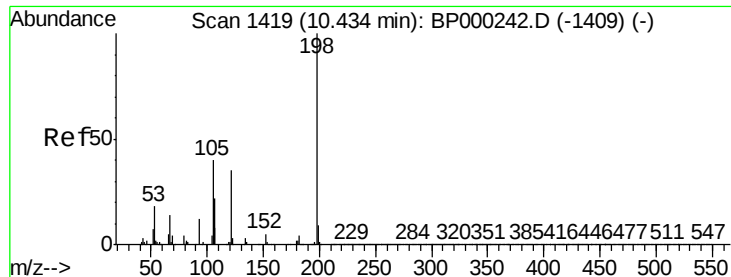


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion: 188 Resp: 1212863

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.0	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 65.730 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

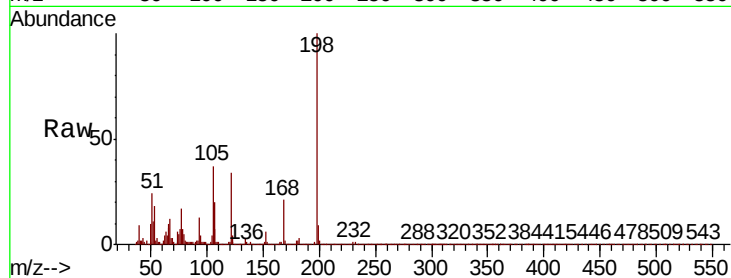
Tot Ion:198 Resp: 283025

Ion Ratio Lower Upper

198 100

51 23.7 7.4 47.4

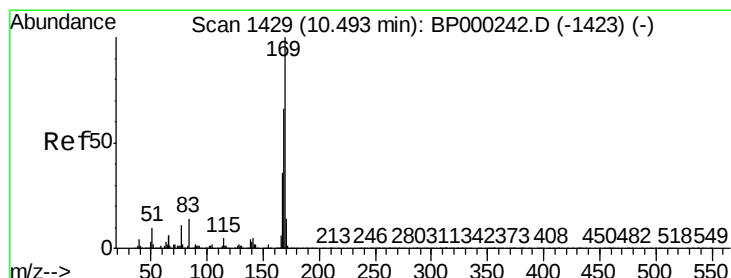
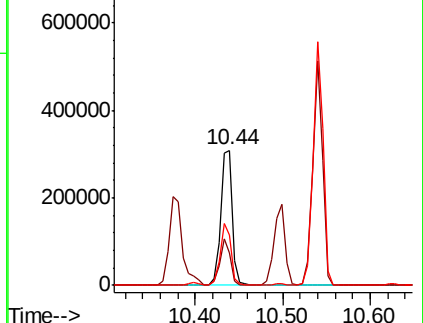
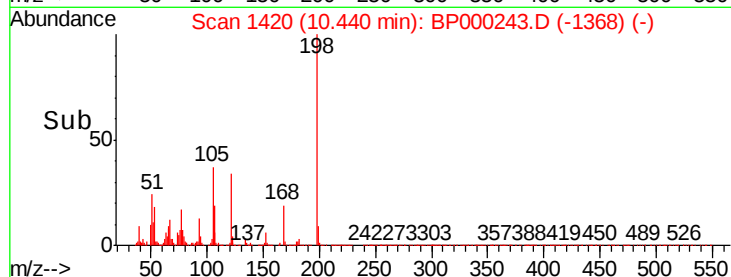
105 36.8 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.141 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

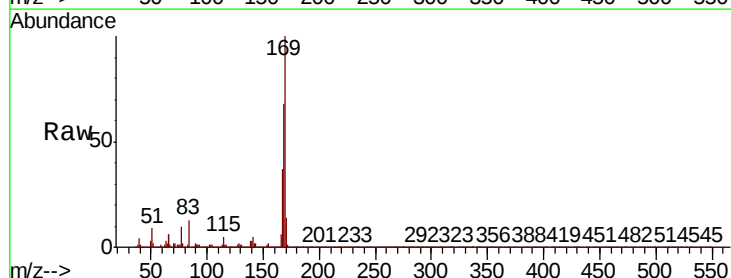
Tgt Ion:169 Resp: 1734703

Ion Ratio Lower Upper

169 100

168 67.8 52.9 79.3

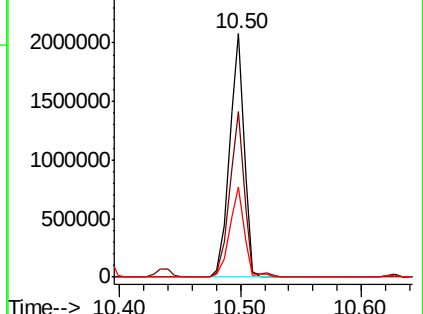
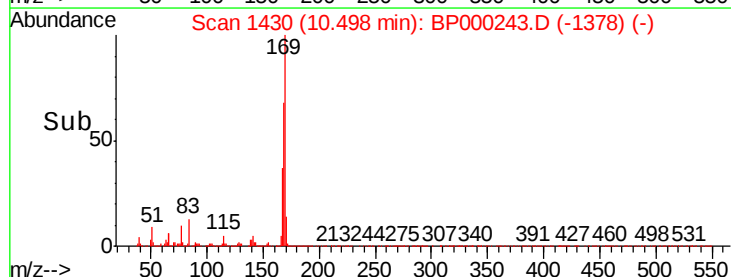
167 36.7 29.0 43.6

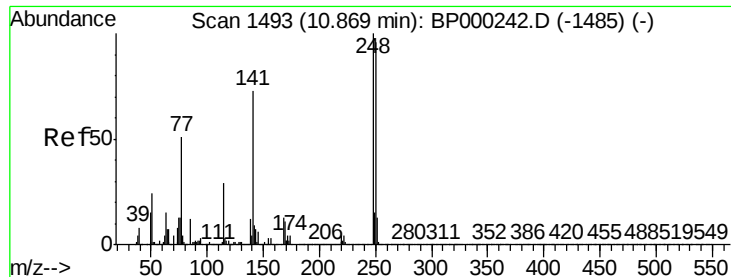


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

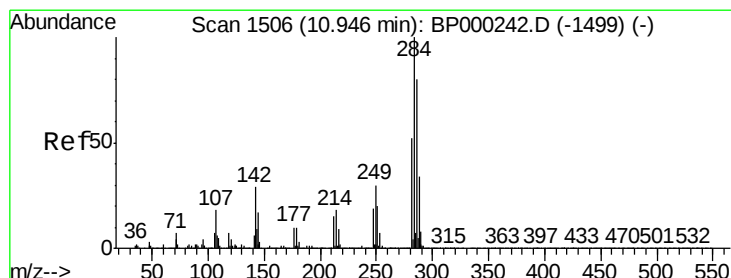
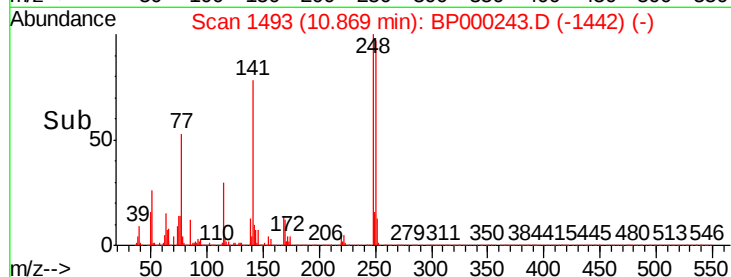
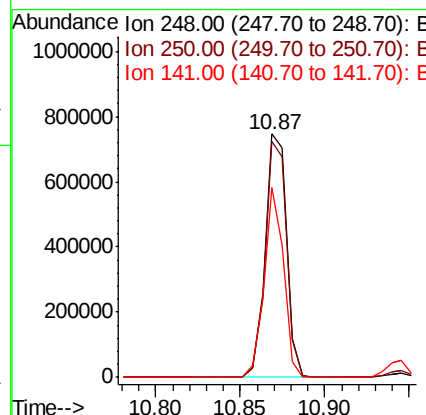
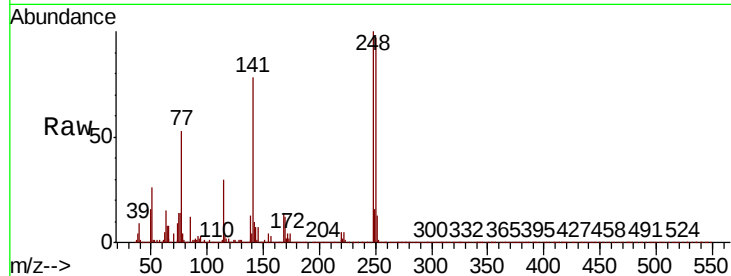




#67
4-Bromophenyl-phenylether
Concen: 53.227 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

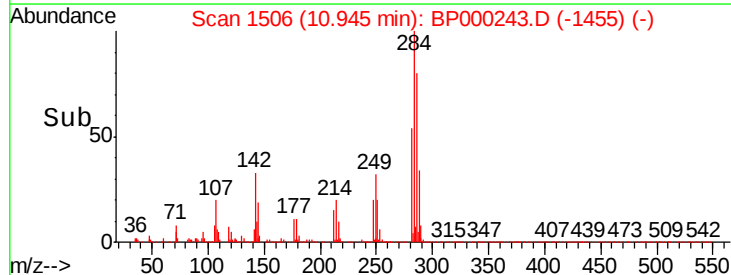
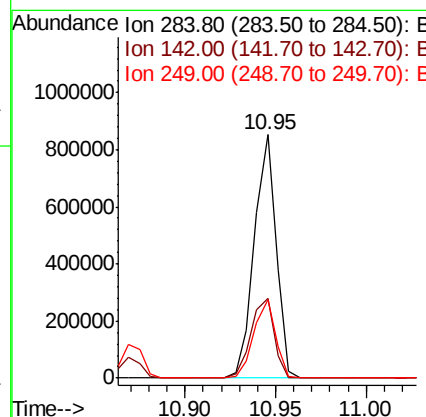
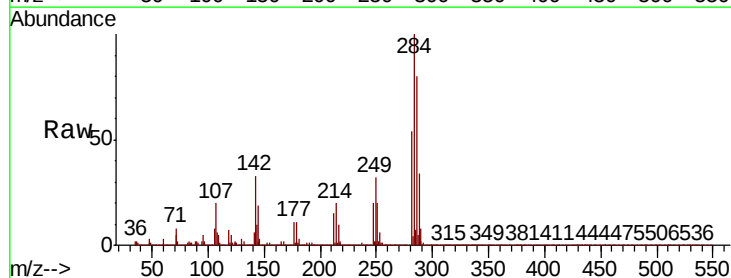
Instrument :
BNA_P
ClientSampleId :

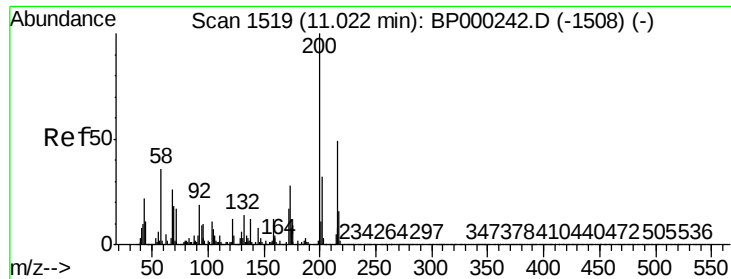
Tot Ion:248 Resp: 656071
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 77.9 58.5 87.7



#68
Hexachlorobenzene
Concen: 53.305 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:284 Resp: 715897
Ion Ratio Lower Upper
284 100
142 32.8 23.6 35.4
249 32.4 24.3 36.5

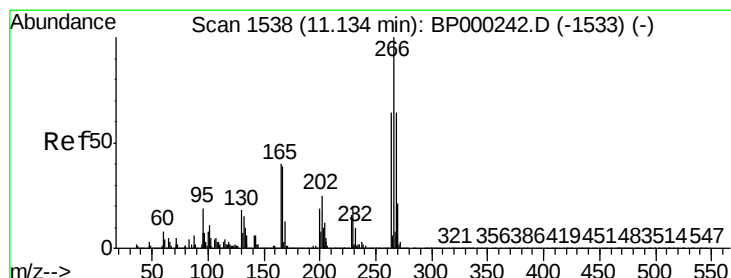
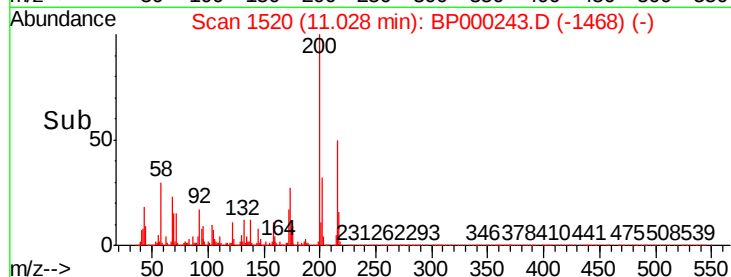
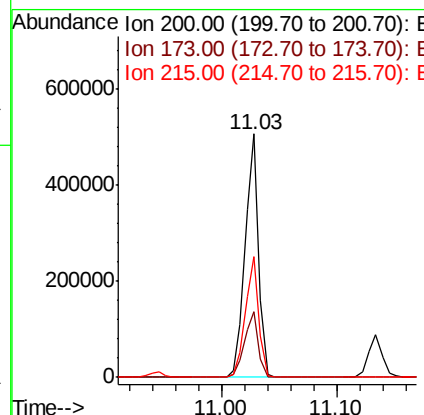
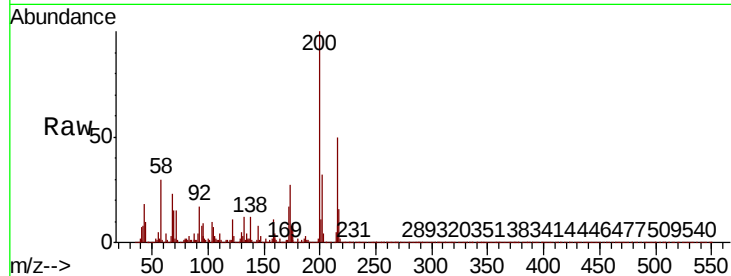




#69
Atrazine
Concen: 38.782 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

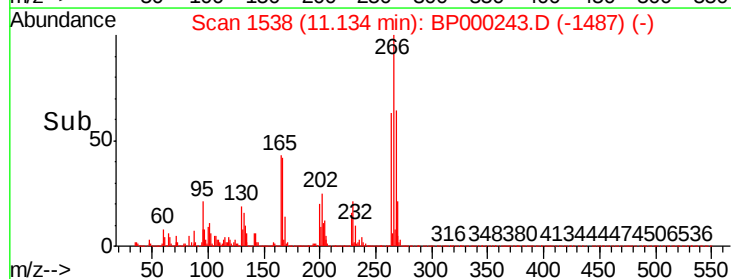
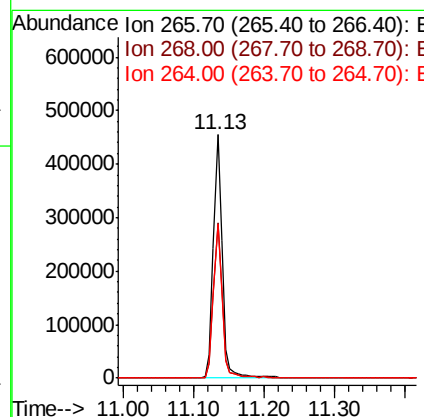
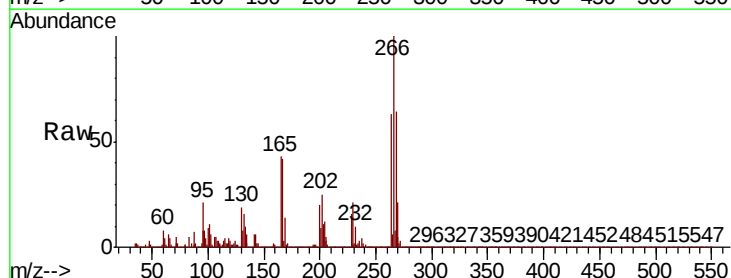
Instrument :
BNA_P
ClientSampleId :

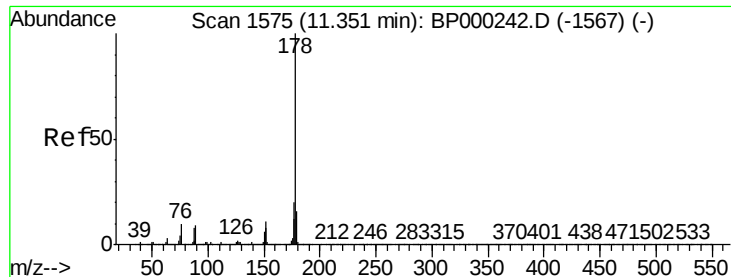
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.6	47.6
215	49.6	28.6	68.6



#70
Pentachlorophenol
Concen: 55.565 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.6	77.4
264	63.3	50.8	76.2





#71

Phenanthrene

Concen: 47.892 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

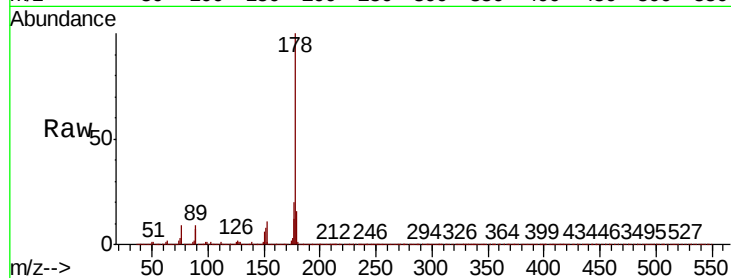
Tot Ion:178 Resp: 2895124

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.0	12.7	19.1

178 100

176 20.4 15.8 23.8

179 16.0 12.7 19.1

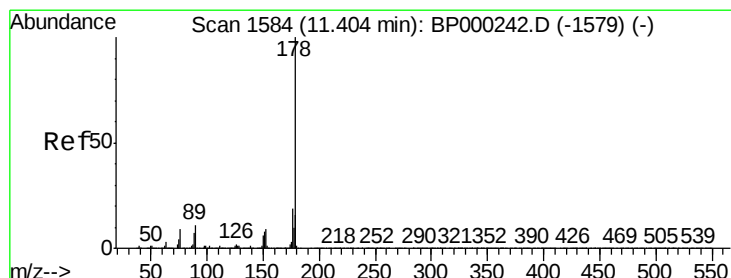
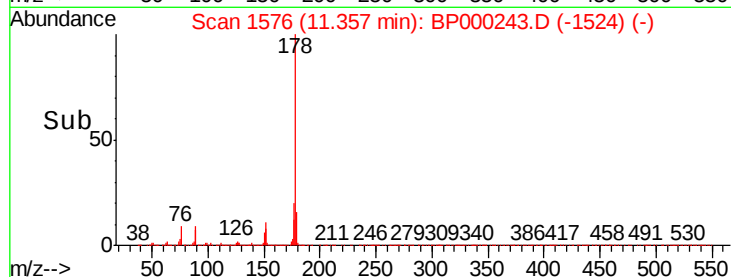
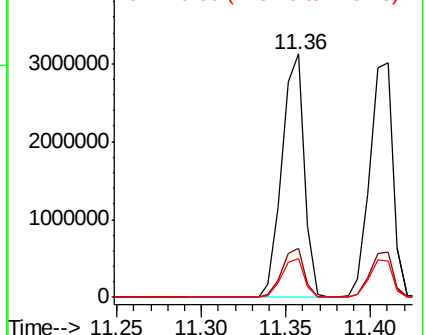


Abundance

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



#72

Anthracene

Concen: 48.443 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

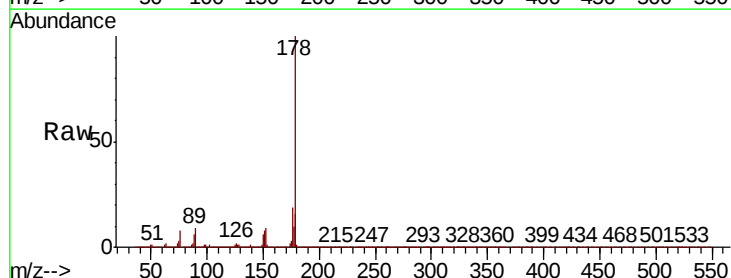
Tgt Ion:178 Resp: 2892836

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.7	12.7	19.1

178 100

176 19.5 15.4 23.0

179 15.7 12.7 19.1

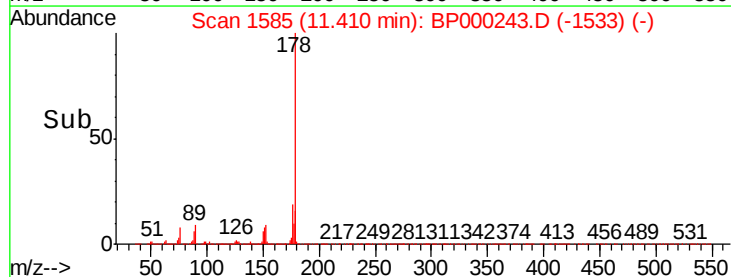
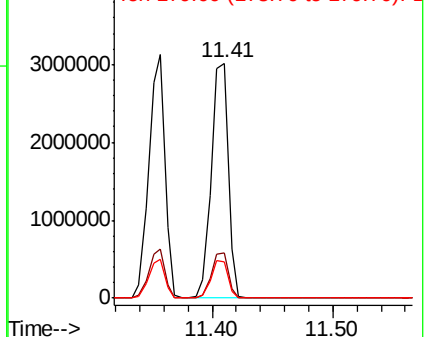


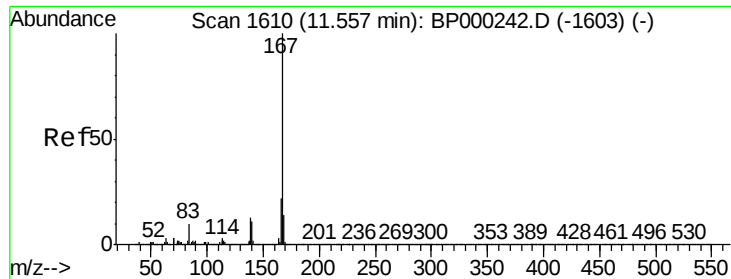
Abundance

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



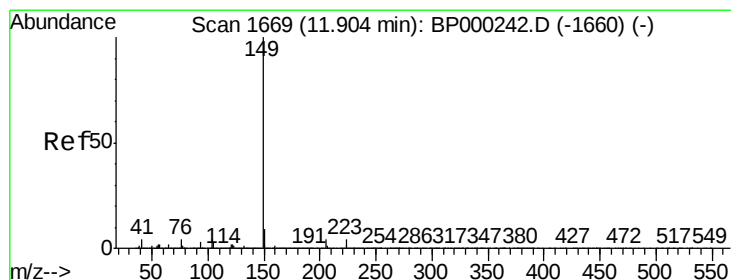
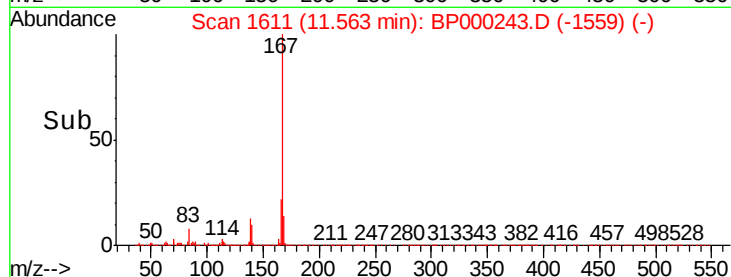
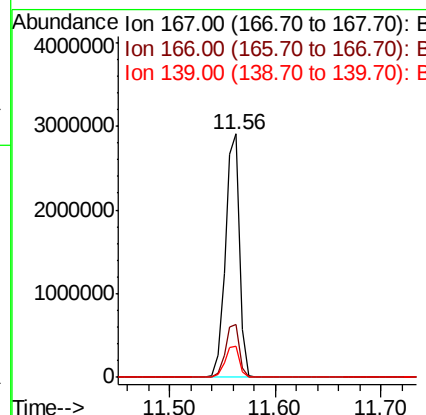
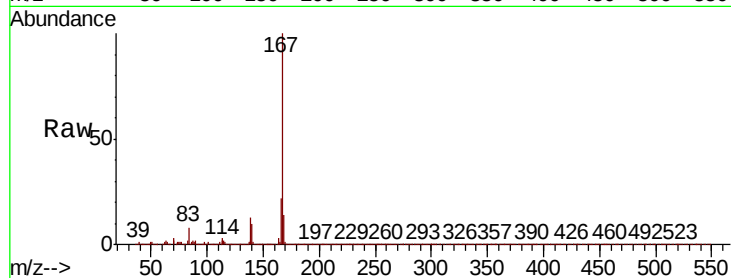


#73
 Carbazole
 Concen: 48.332 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 2724327

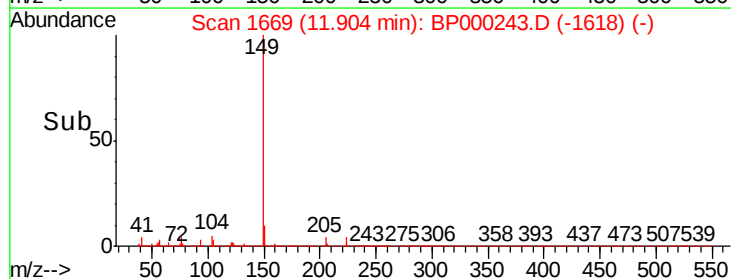
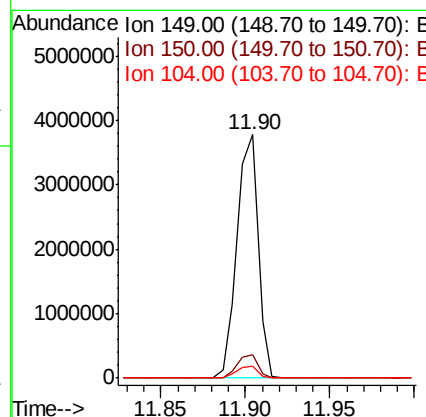
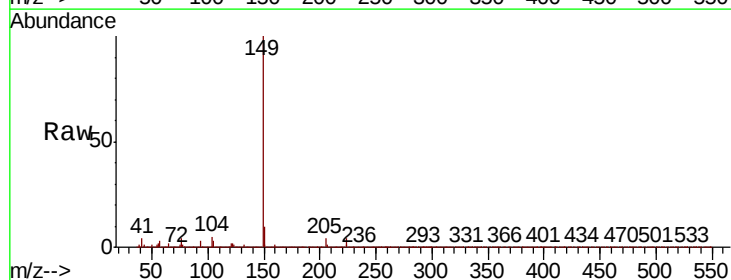
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.8	10.8	16.2

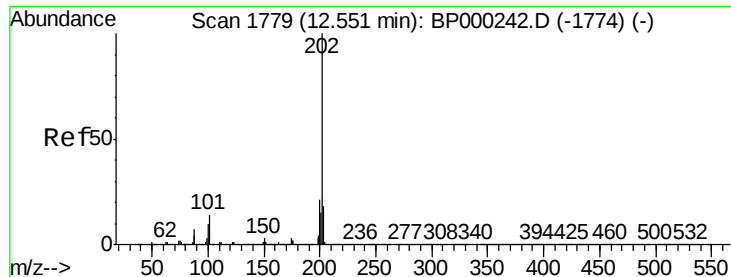


#74
 Di-n-butylphthalate
 Concen: 48.051 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000243.D
 Acq: 16 Sep 2019 17:00

Tgt Ion:149 Resp: 3284187

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.8	3.5	5.3





#75

Fluoranthene

Concen: 47.544 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampled :

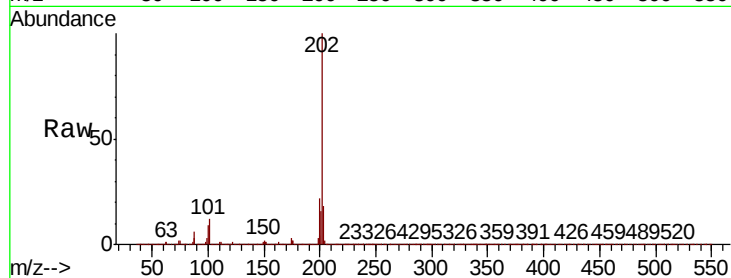
Tot Ion:202 Resp: 3123232

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.9

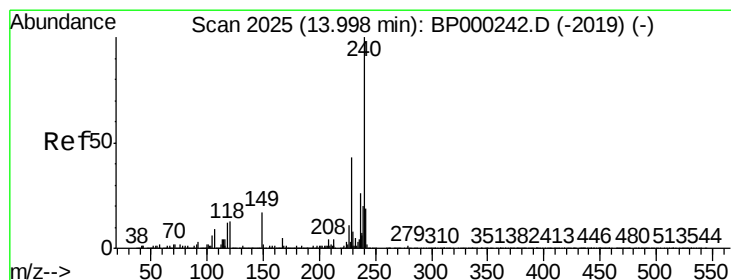
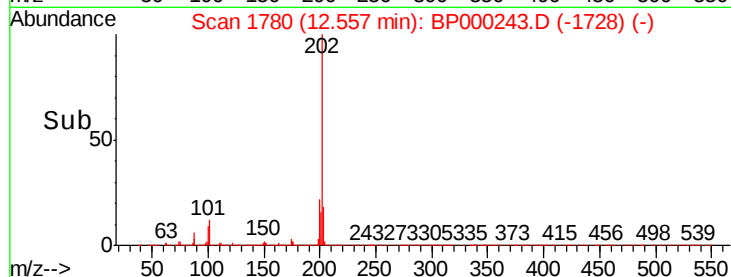
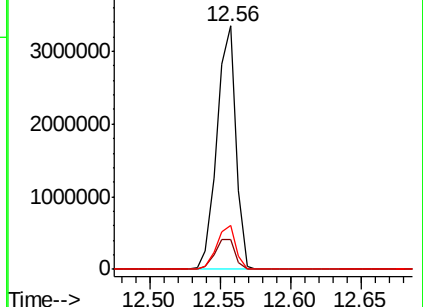
203 18.3 0.0 38.0



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: BP000243.D

Acq: 16 Sep 2019 17:00

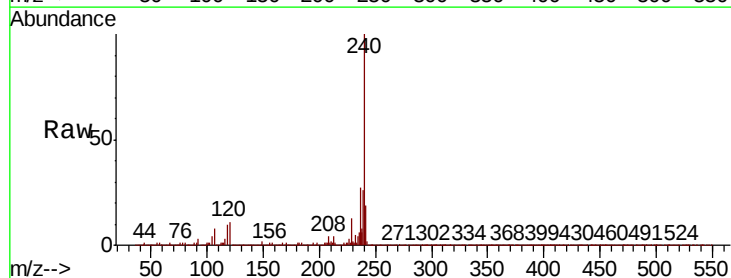
Tgt Ion:240 Resp: 867960

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

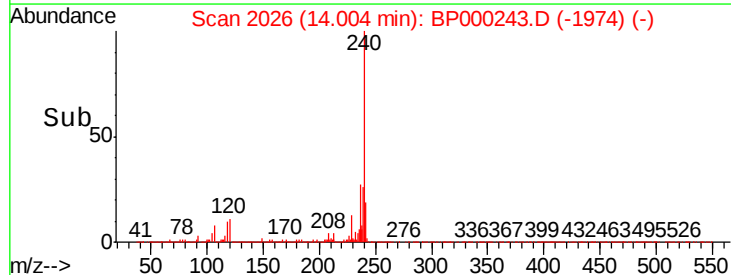
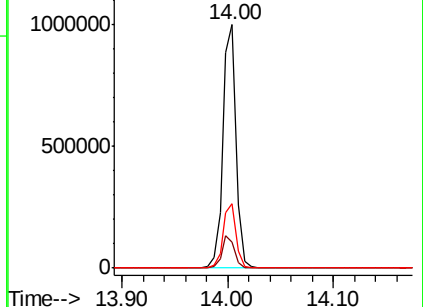
236 26.7 21.0 31.6

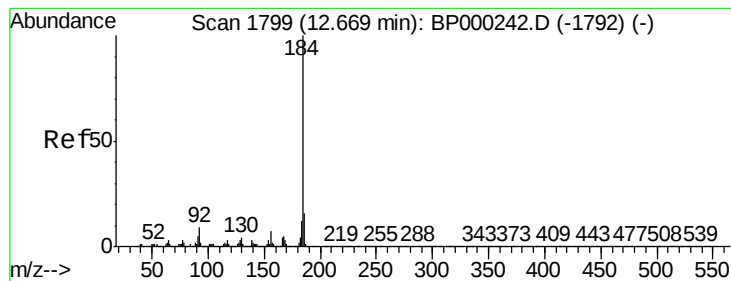


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.022 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

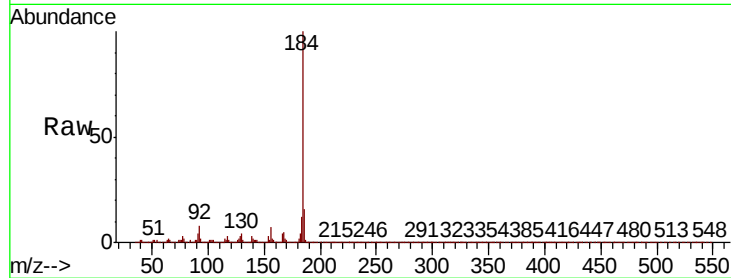
Tot Ion:184 Resp: 1258422

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.7	19.1
183	12.1	9.5	14.3

184 100

185 16.1 12.7 19.1

183 12.1 9.5 14.3

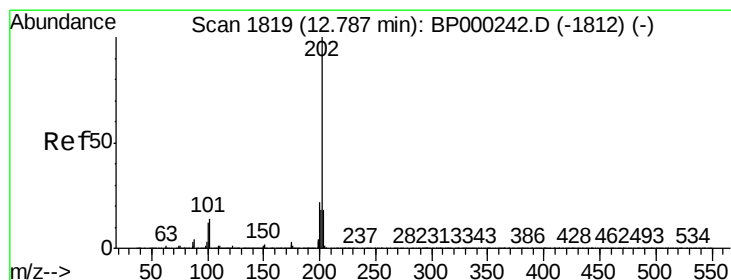
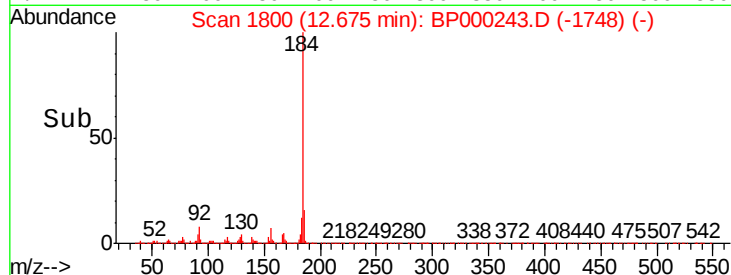
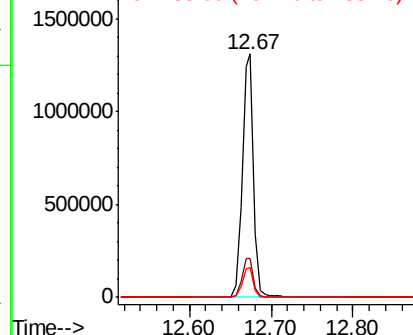


Abundance

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



#78

Pyrene

Concen: 49.630 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

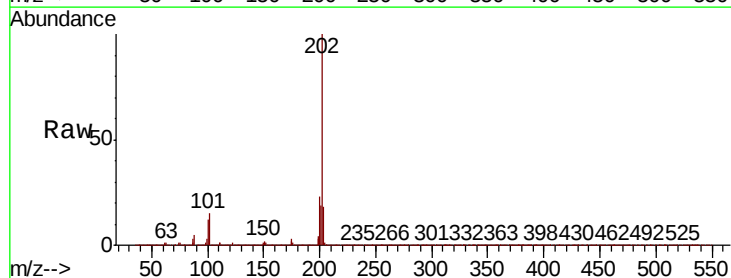
Tgt Ion:202 Resp: 3169002

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.5	26.3
203	18.4	14.3	21.5

202 100

200 22.6 17.5 26.3

203 18.4 14.3 21.5

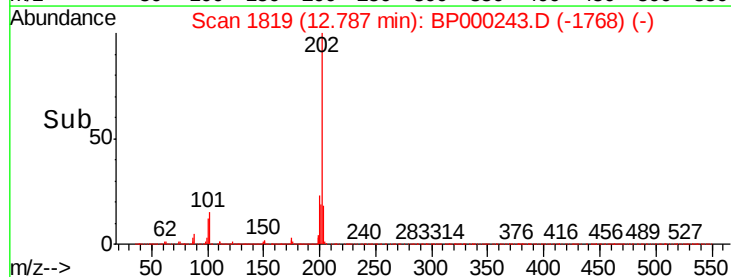
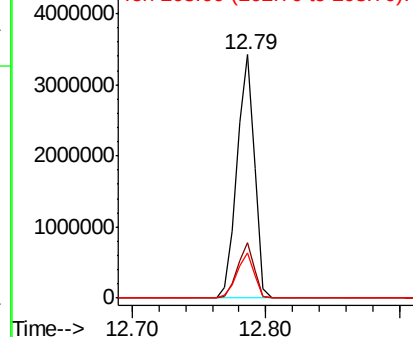


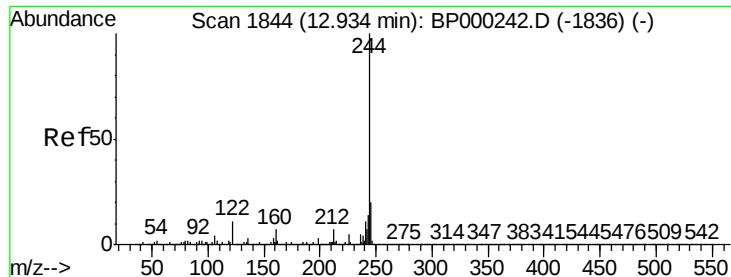
Abundance

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





#79

Terphenyl-d14

Concen: 100.525 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampled :

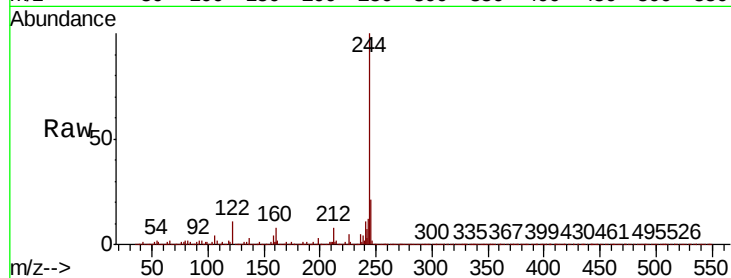
Tot Ion:244 Resp: 4003090

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

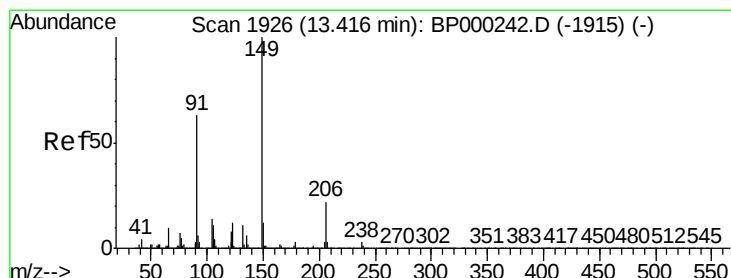
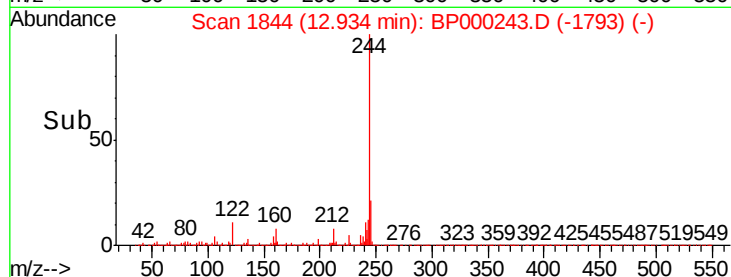
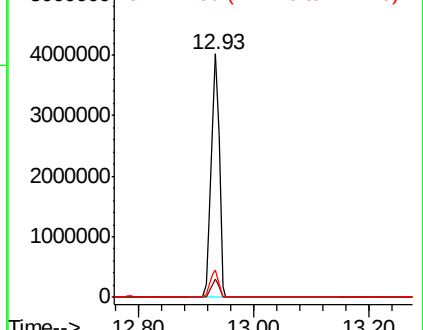
122 11.3 9.0 13.4



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: 50.743 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

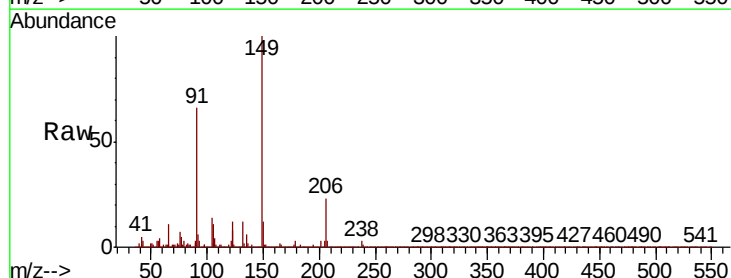
Tgt Ion:149 Resp: 1443645

Ion Ratio Lower Upper

149 100

91 65.8 50.6 76.0

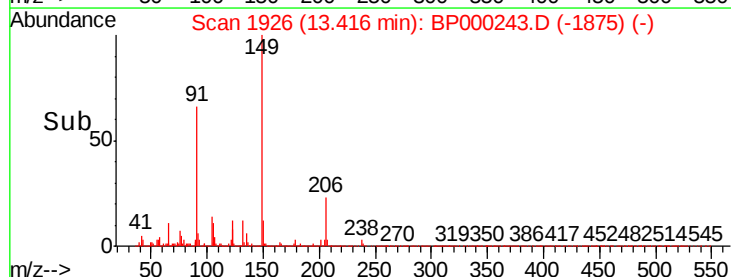
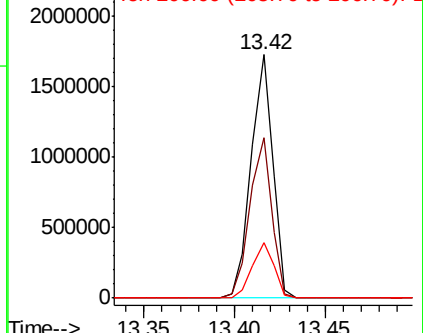
206 22.8 17.8 26.6

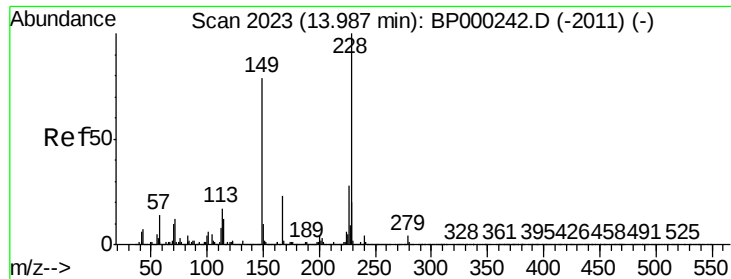


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.724 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

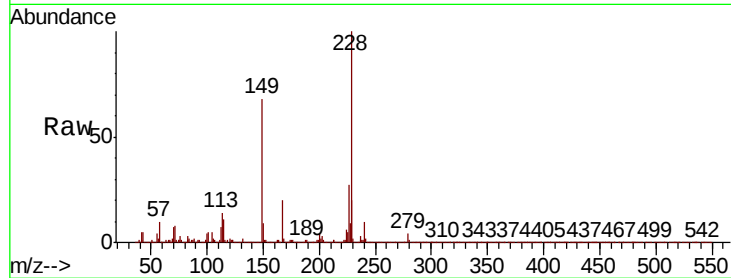
Tot Ion:228 Resp: 2684178

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.4

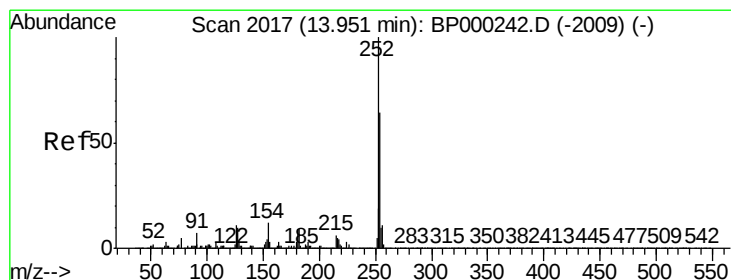
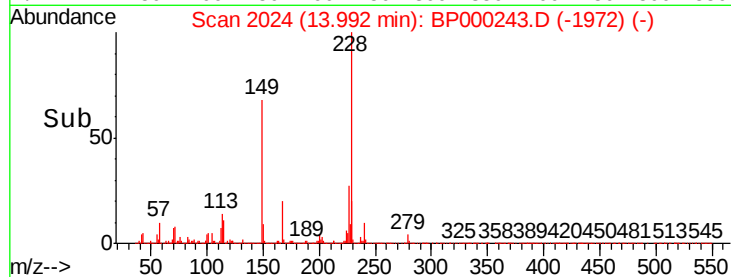
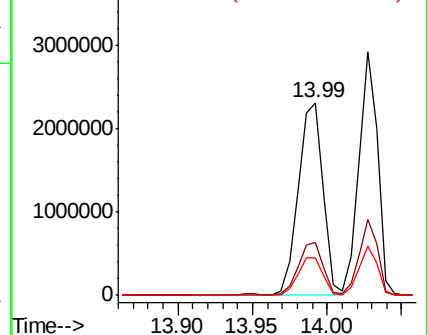
229 19.7 16.0 24.0



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: 52.318 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

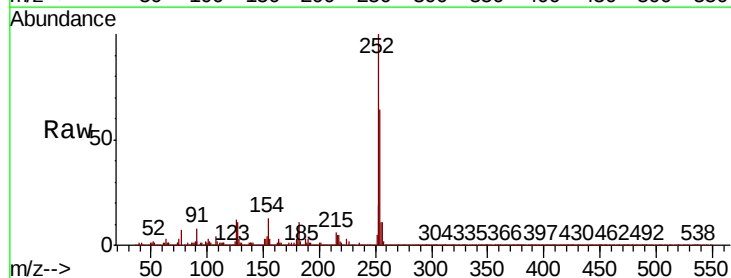
Tgt Ion:252 Resp: 1085529

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

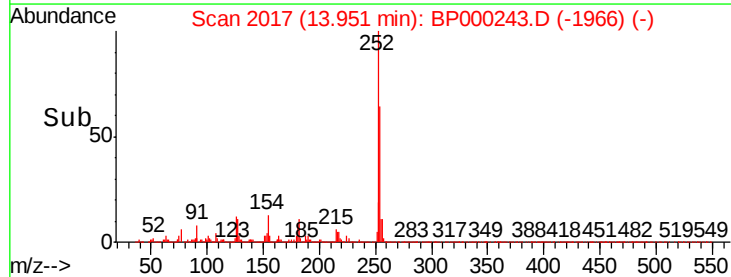
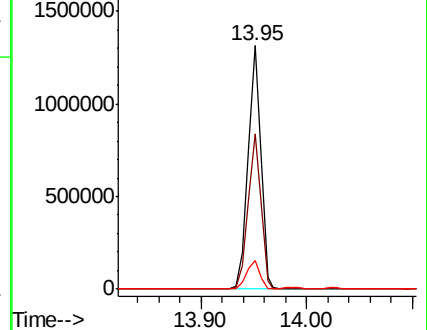
126 11.8 8.4 12.6

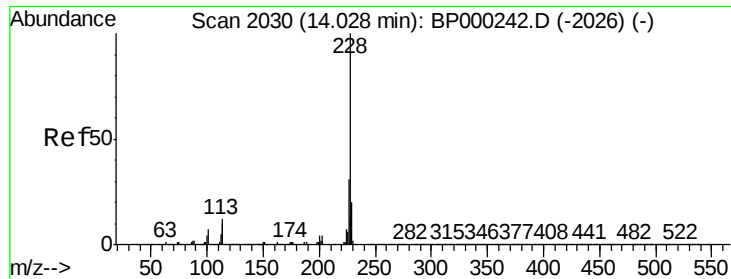


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

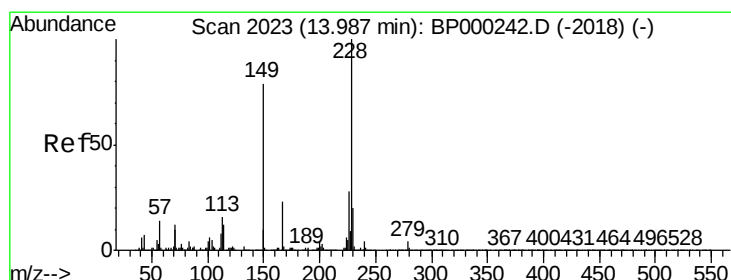
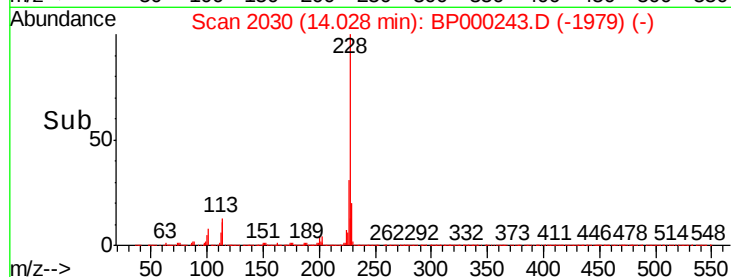
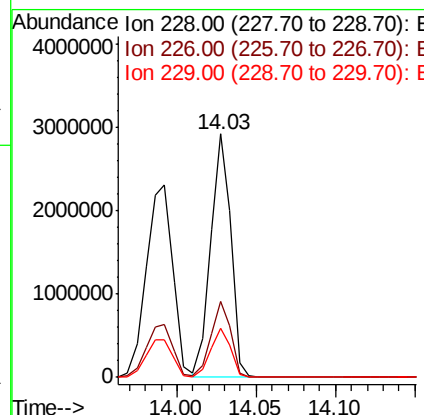
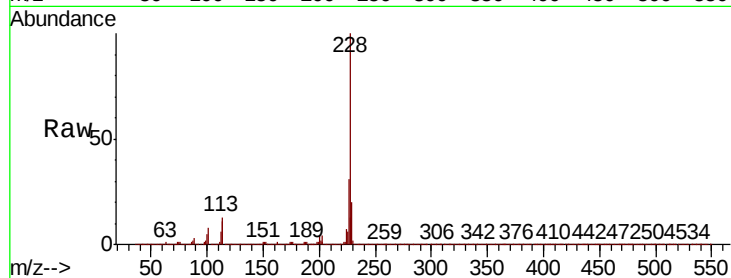




#83
Chrysene
Concen: 48.755 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

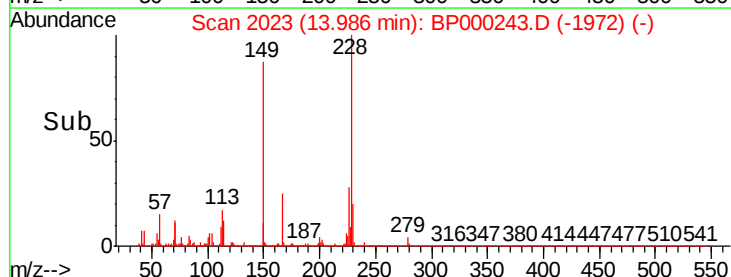
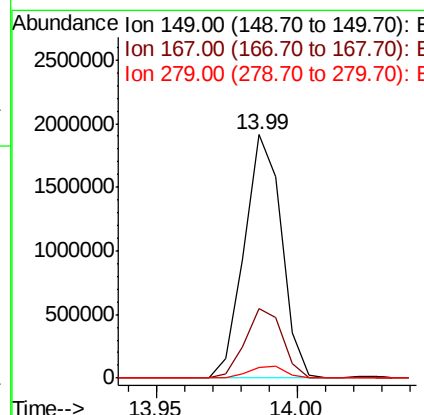
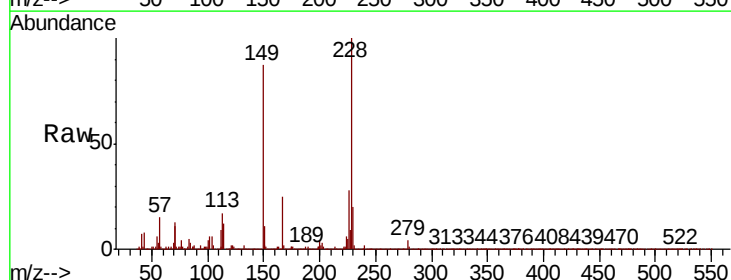
Instrument :
BNA_P
ClientSampleId :

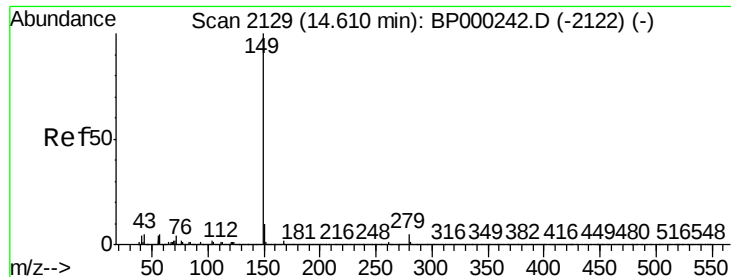
Tot Ion:228 Resp: 2593725
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.2 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.447 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:149 Resp: 1756666
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.4
279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.534 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Instrument :

BNA_P

ClientSampleId :

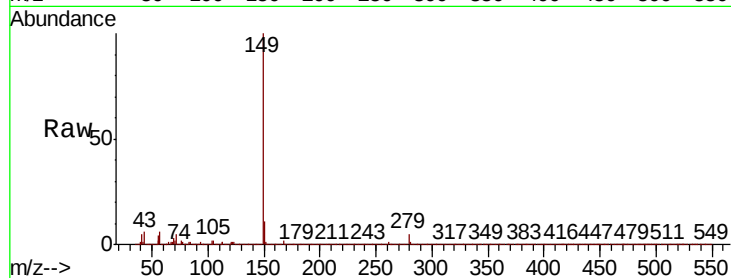
Tot Ion:149 Resp: 3297002

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

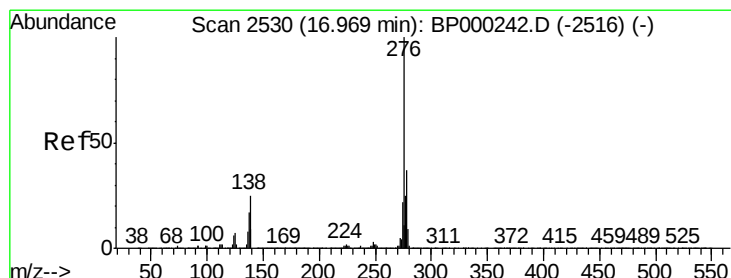
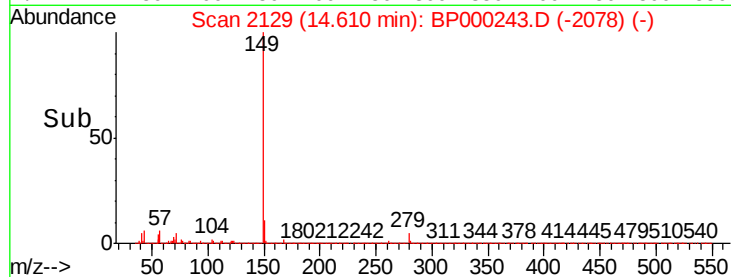
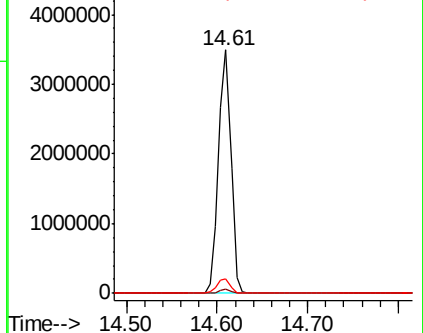
43 6.4 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.582 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

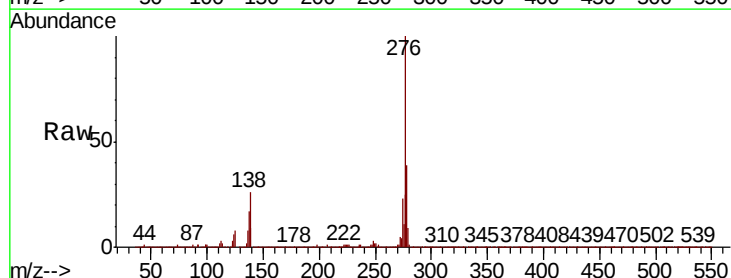
Tgt Ion:276 Resp: 3238563

Ion Ratio Lower Upper

276 100

138 27.9 22.6 33.8

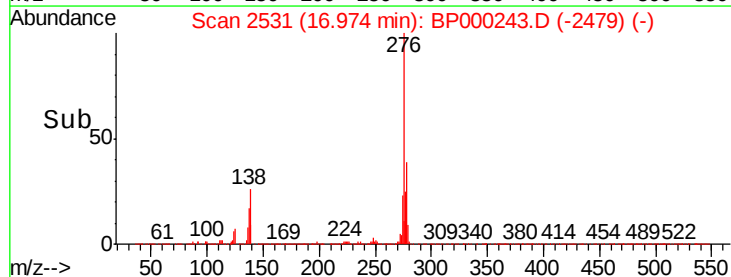
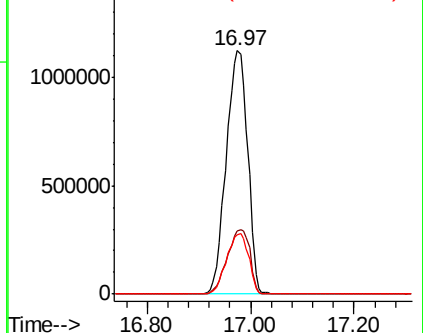
277 25.7 20.4 30.6

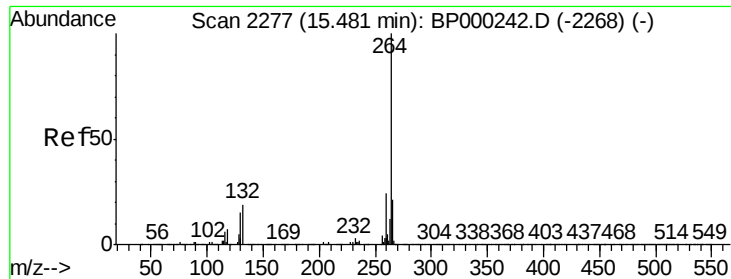


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

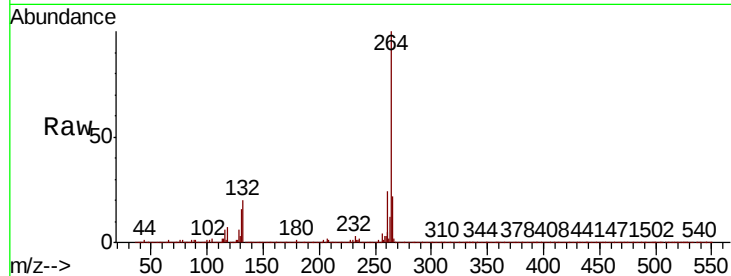
Instrument :

BNA_P

ClientSampled :

Tot Ion:264 Resp: 1037527

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.6	17.2	25.8

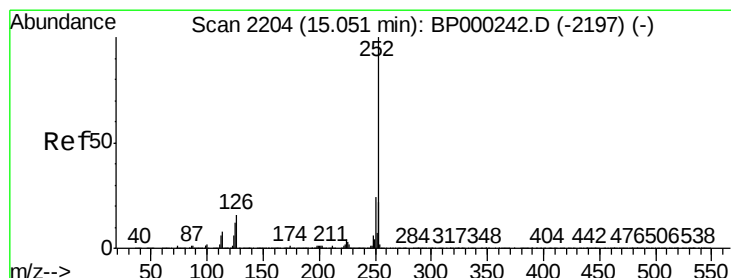
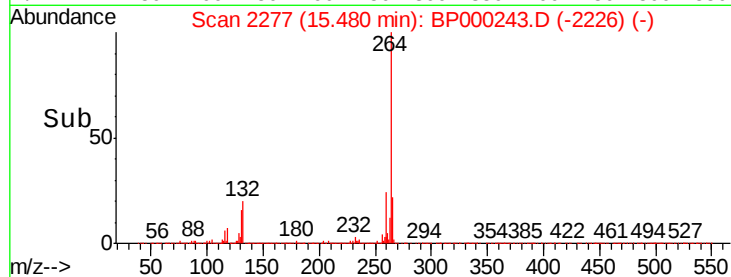
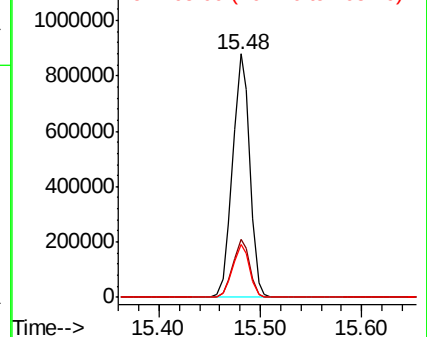


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.329 ng

RT: 15.05 min Scan# 2204

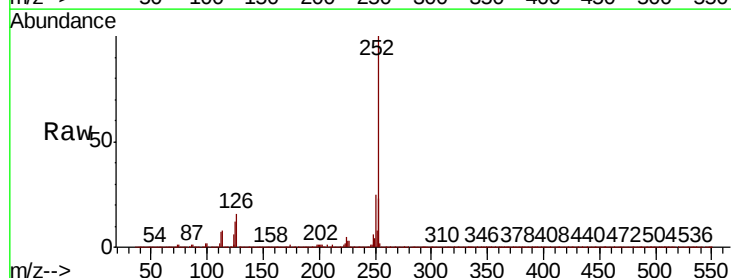
Delta R.T. -0.00 min

Lab File: BP000243.D

Acq: 16 Sep 2019 17:00

Tgt Ion:252 Resp: 2999402

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.9	9.5	14.3

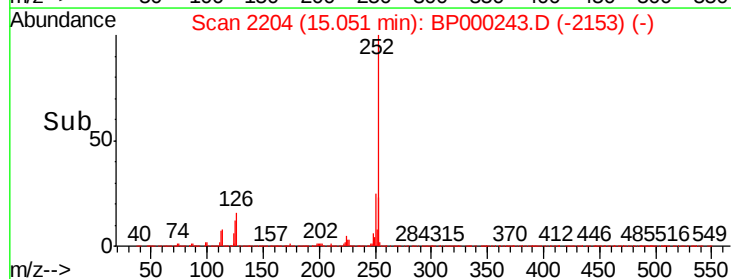
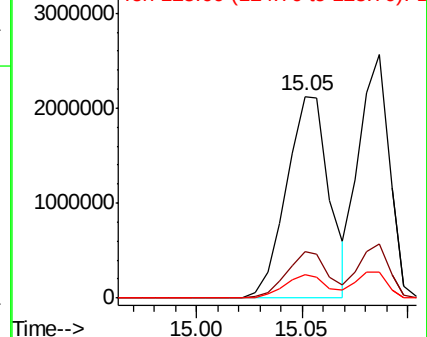


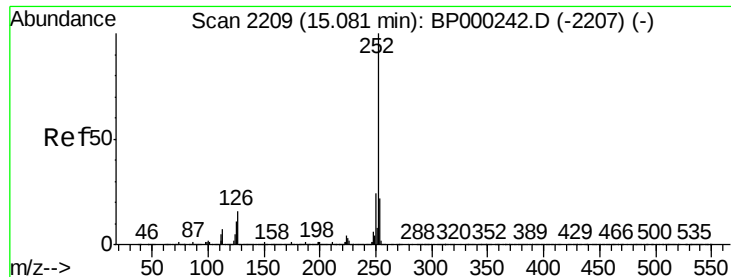
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

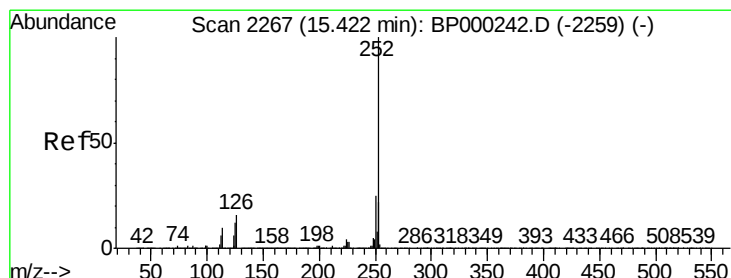
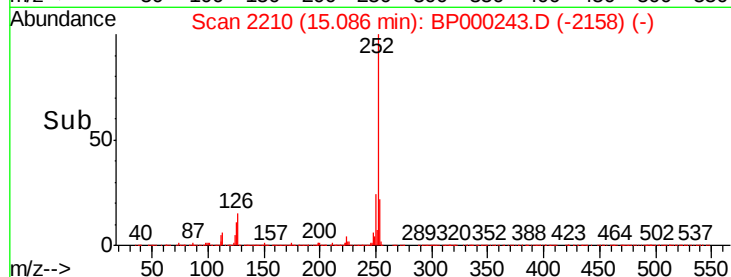
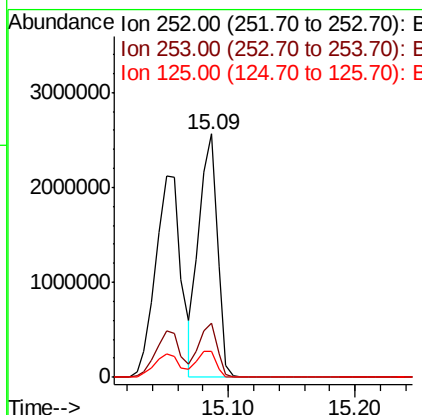
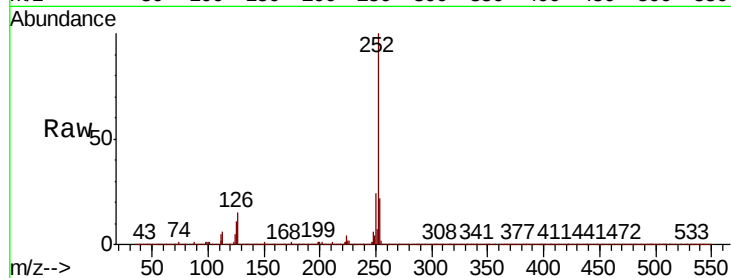




#89
Benzo(k)fluoranthene
Concen: 44.589 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

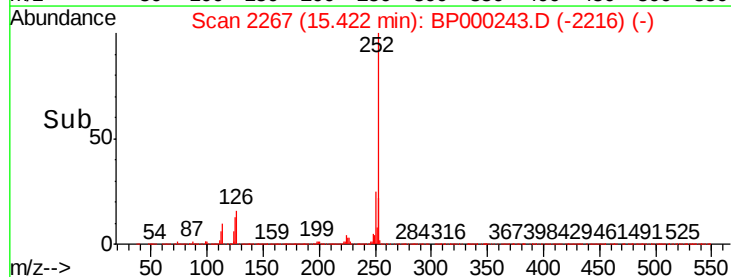
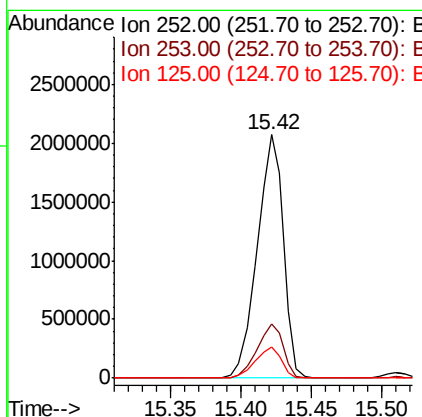
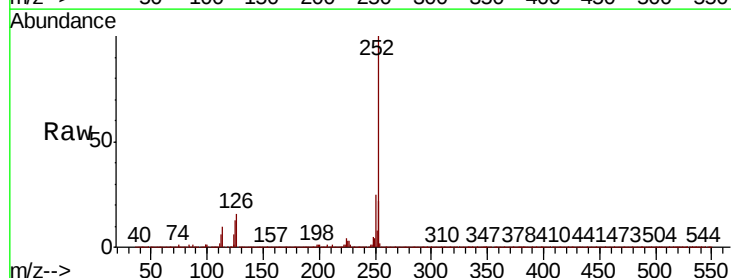
Instrument :
BNA_P
ClientSampleId :

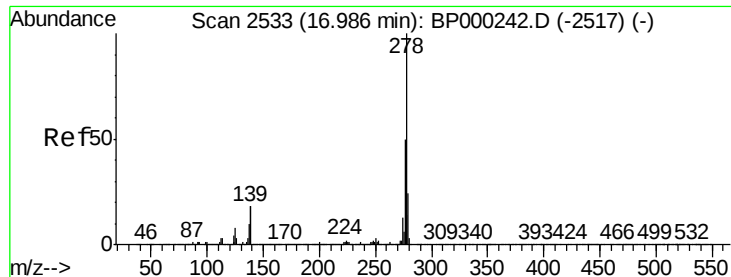
Tot Ion:252 Resp: 2585904
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.6 9.6 14.4



#90
Benzo(a)pyrene
Concen: 47.310 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:252 Resp: 2706503
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.6 10.0 15.0

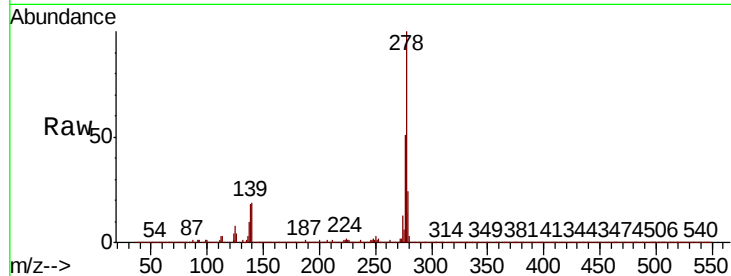




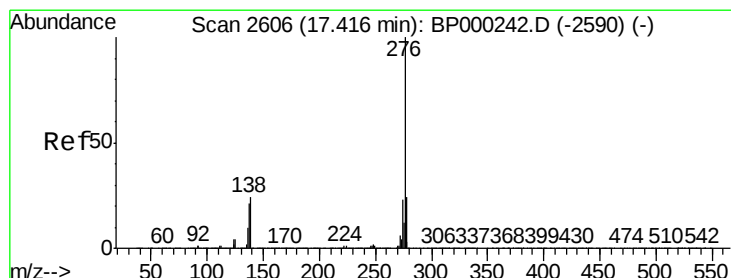
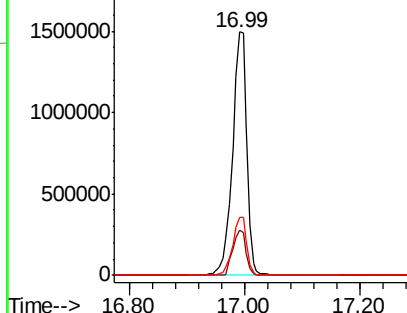
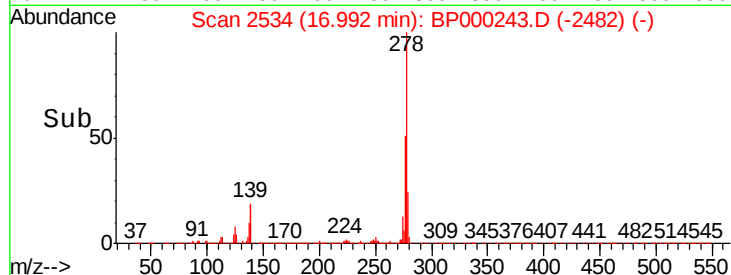
#91
Dibenzo(a,h)anthracene
Concen: 44.804 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 2563235
Ion Ratio Lower Upper
278 100
139 18.7 14.5 21.7
279 23.8 19.0 28.6

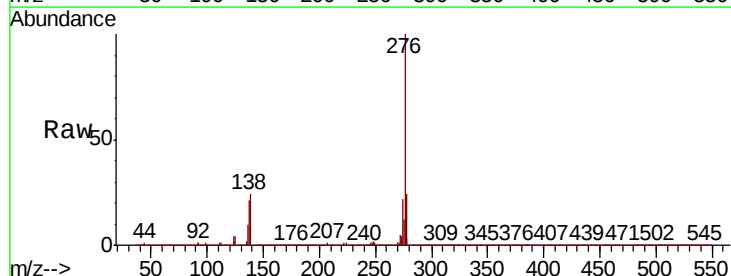


Abundance Ion 278.00 (277.70 to 278.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.896 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BP000243.D
Acq: 16 Sep 2019 17:00

Tgt Ion:276 Resp: 2655472
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 24.4 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E
1500000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

