

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000457.D
 Acq On : 27 Sep 2019 15:07
 Operator : JU
 Sample : K4657-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	227673	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	809267	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	447960	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	823909	20.00	ng	0.00
76) Chrysene-d12	14.01	240	667554	20.00	ng	0.01
87) Perylene-d12	15.49	264	779000	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1682926	127.61	ng	0.02
7) Phenol-d6	6.43	99	2122710	131.31	ng	0.01
23) Nitrobenzene-d5	7.35	82	1226898	97.82	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	651532	146.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2587092	103.94	ng	0.00
79) Terphenyl-d14	12.94	244	3111350	97.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	218729	36.753	ng	# 89
3) Pyridine	3.37	79	320809	20.024	ng	100
4) n-Nitrosodimethylamine	3.28	42	182875	40.480	ng	98
6) Aniline	6.45	93	231810	10.400	ng	# 1
8) 2-Chlorophenol	6.58	128	655661	46.169	ng	100
9) Benzaldehyde	6.34	77	268543	29.019	ng	98
10) Phenol	6.45	94	784372	42.706	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	612148	43.523	ng	98
12) 1,3-Dichlorobenzene	6.73	146	714684	41.937	ng	99
13) 1,4-Dichlorobenzene	6.81	146	724786	42.746	ng	96
14) 1,2-Dichlorobenzene	6.96	146	673725	43.376	ng	99
15) Benzyl Alcohol	6.93	79	528813	44.951	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	549811	41.232	ng	97
17) 2-Methylphenol	7.05	107	546847	44.959	ng	99
18) Hexachloroethane	7.30	117	253770	40.444	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	365306	42.740	ng	99
20) 3+4-Methylphenols	7.20	107	680472	46.264	ng	# 78
22) Acetophenone	7.19	105	888079	50.638	ng	# 97
24) Nitrobenzene	7.37	77	623953	47.893	ng	99
25) Isophorone	7.61	82	1156343	46.558	ng	100
26) 2-Nitrophenol	7.69	139	340641	49.320	ng	97
27) 2,4-Dimethylphenol	7.73	122	586001	53.265	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	775981	46.975	ng	100
29) 2,4-Dichlorophenol	7.93	162	590927	50.116	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	635183	46.998	ng	98
31) Naphthalene	8.09	128	1892538	50.495	ng	100
32) Benzoic acid	7.85	122	354809	47.764	ng	97
33) 4-Chloroaniline	8.15	127	117054	6.901	ng	99
34) Hexachlorobutadiene	8.22	225	367592	45.904	ng	98
35) Caprolactam	8.50	113	133930	33.390	ng	95
36) 4-Chloro-3-methylphenol	8.63	107	595902	49.784	ng	99
37) 2-Methylnaphthalene	8.79	142	1294401	50.520	ng	100
38) 1-Methylnaphthalene	8.89	142	1208629	50.358	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	638485	49.851	ng	100

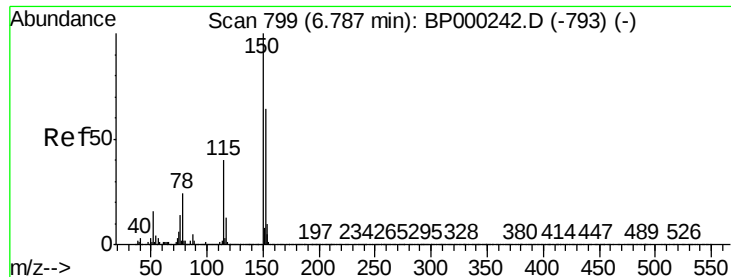
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
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 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	528441	71.850	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	431572	48.696	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	471367	51.942	ng	99
46) 1,1'-Biphenyl	9.25	154	1592559	51.391	ng	100
47) 2-Chloronaphthalene	9.28	162	1243367	47.830	ng	97
48) 2-Nitroaniline	9.38	65	300377	45.501	ng	96
49) Acenaphthylene	9.70	152	1972048	50.467	ng	99
50) Dimethylphthalate	9.56	163	1813405	59.417	ng	99
51) 2,6-Dinitrotoluene	9.62	165	340740	50.776	ng	94
52) Acenaphthene	9.87	154	1147057	46.517	ng	99
53) 3-Nitroaniline	9.78	138	124036	15.924	ng	97
54) 2,4-Dinitrophenol	9.90	184	293721	99.070	ng	98
55) Dibenzofuran	10.05	168	1781123	51.095	ng	98
56) 4-Nitrophenol	9.96	139	514178	88.751	ng	96
57) 2,4-Dinitrotoluene	10.03	165	453010	51.638	ng	99
58) Fluorene	10.39	166	1345371	49.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	394560	52.838	ng	96
60) Diethylphthalate	10.26	149	1445637	49.239	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	694434	50.245	ng	95
62) 4-Nitroaniline	10.40	138	343949	44.893	ng	98
63) Azobenzene	10.54	77	1211035	48.688	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	203668	52.572	ng	98
66) n-Nitrosodiphenylamine	10.50	169	1223960	49.348	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	446770	47.953	ng	95
68) Hexachlorobenzene	10.95	284	477745	46.904	ng	94
69) Atrazine	11.03	200	381420	Below Cal		99
70) Pentachlorophenol	11.15	266	493172	88.901	ng	99
71) Phenanthrene	11.36	178	2094510	50.729	ng	100
72) Anthracene	11.41	178	2130310	50.127	ng	100
73) Carbazole	11.57	167	1958110	51.162	ng	99
74) Di-n-butylphthalate	11.90	149	2333808	48.175	ng	99
75) Fluoranthene	12.56	202	2353937	53.095	ng	96
78) Pyrene	12.79	202	2393027	47.914	ng	100
80) Butylbenzylphthalate	13.42	149	1051368	45.813	ng	97
81) Benzo(a)anthracene	14.00	228	2021774	47.946	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	392767	23.176	ng	100
83) Chrysene	14.03	228	2032246	49.085	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1357369	49.272	ng	99
85) Di-n-octyl phthalate	14.61	149	2509261	49.145	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2560126	50.729	ng	98
88) Benzo(b)fluoranthene	15.06	252	2217156	47.709	ng	98
89) Benzo(k)fluoranthene	15.09	252	2164881	53.404	ng	99
90) Benzo(a)pyrene	15.43	252	2172143	51.368	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2087887	52.959	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2153176	53.133	ng	99

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

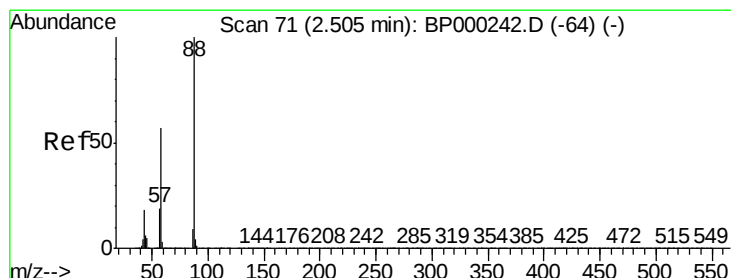
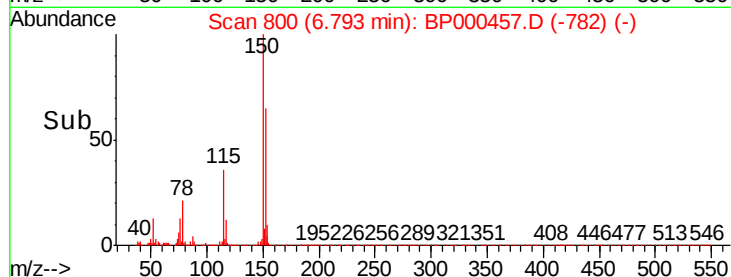
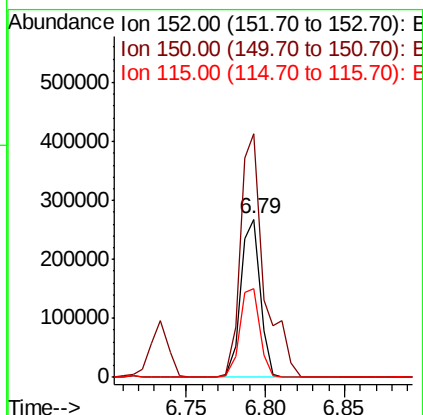
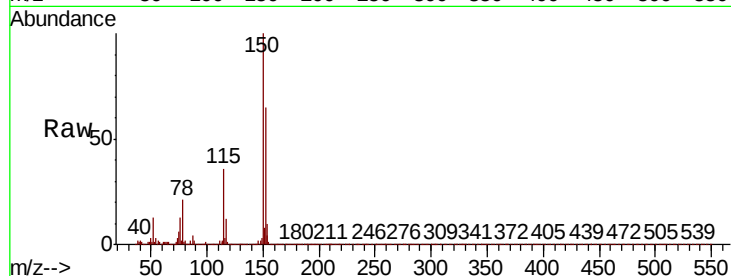


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampled :

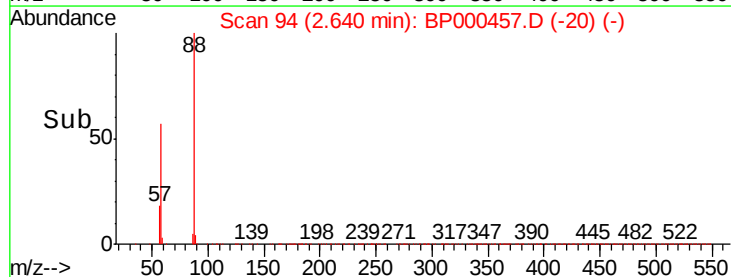
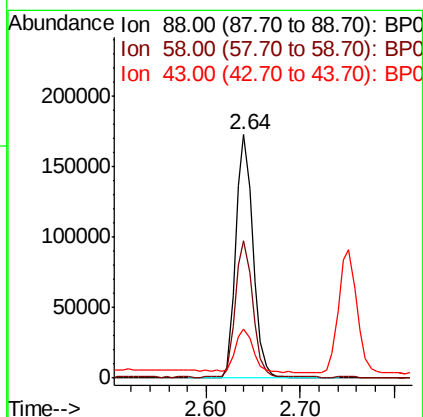
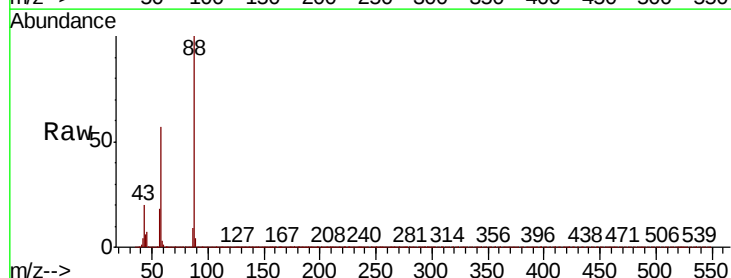
Tot Ion:152 Resp: 227673
Ion Ratio Lower Upper
152 100
150 153.8 125.2 187.8
115 55.8 49.7 74.5

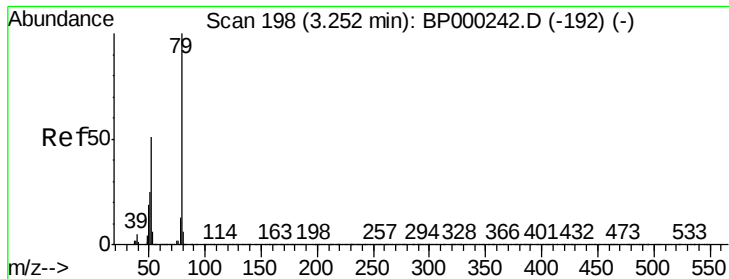


#2

1,4-Dioxane
Concen: 36.753 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion: 88 Resp: 218729
Ion Ratio Lower Upper
88 100
58 56.6 45.4 68.2
43 0.0 15.0 22.6#





#3

Pvridine

Concen: 20.024 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

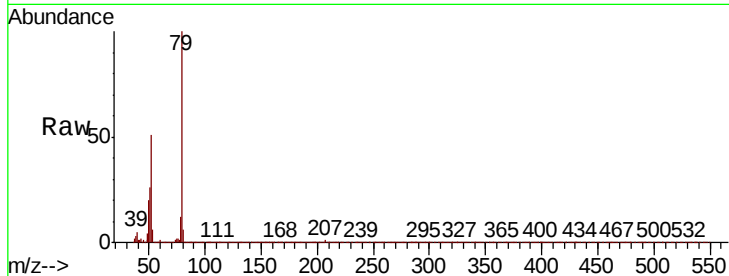
Tot Ion: 79 Resp: 320809

Ion Ratio Lower Upper

79 100

52 51.2 40.9 61.3

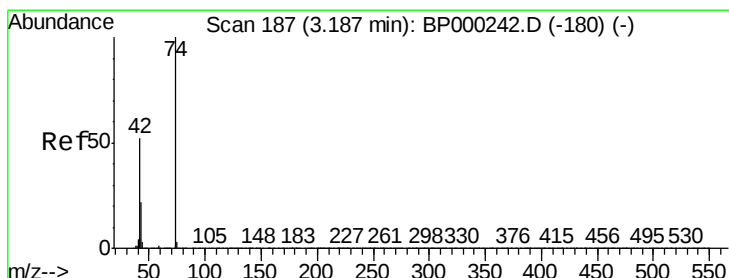
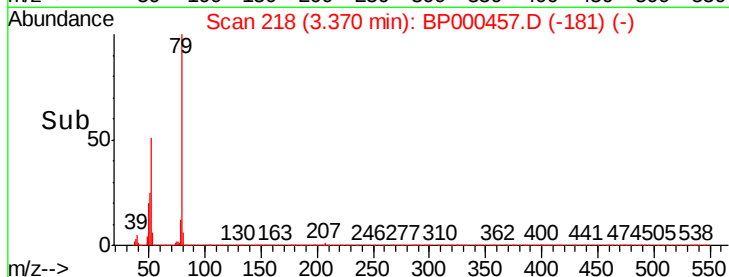
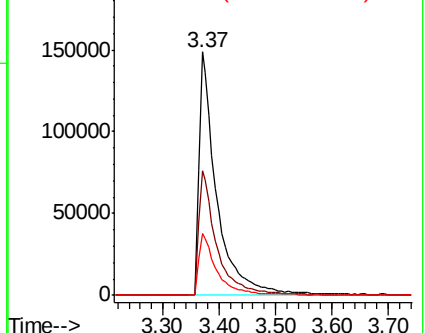
51 25.5 20.2 30.2



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: 40.480 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.09 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

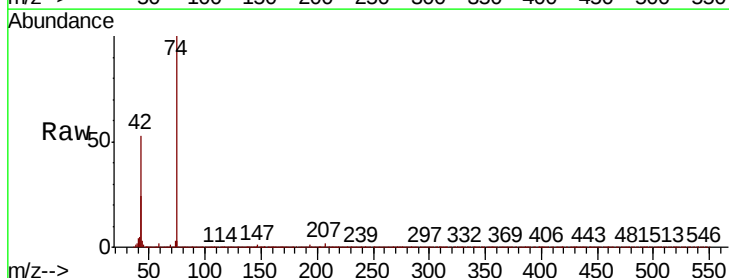
Tgt Ion: 42 Resp: 182875

Ion Ratio Lower Upper

42 100

74 190.4 154.5 231.7

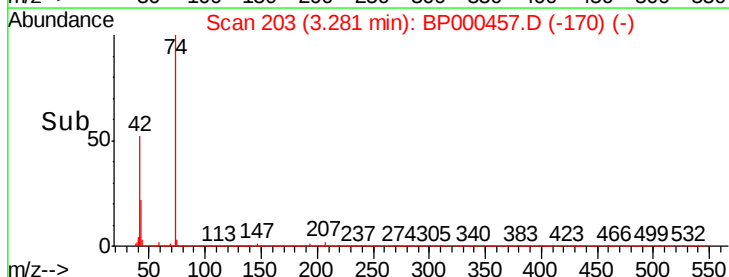
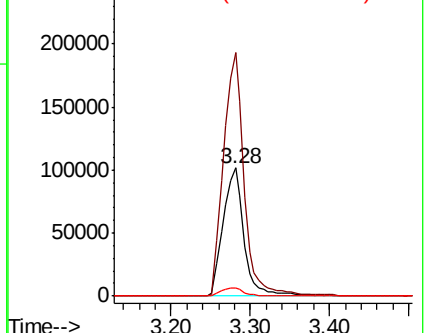
44 6.5 5.9 8.9

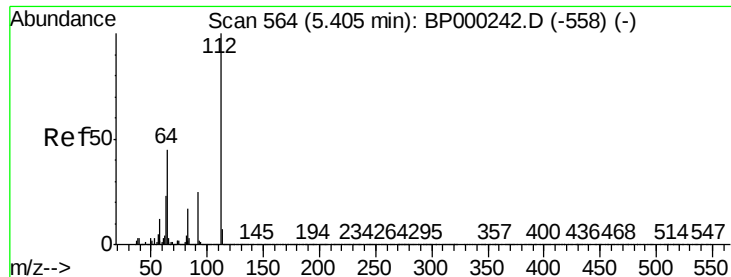


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 127.609 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

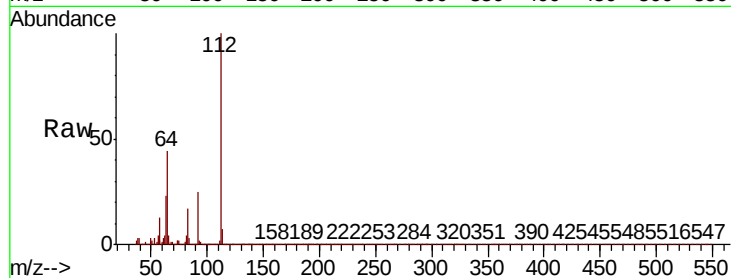
Tot Ion:112 Resp: 1682926

Ion Ratio Lower Upper

112 100

64 43.8 36.2 54.4

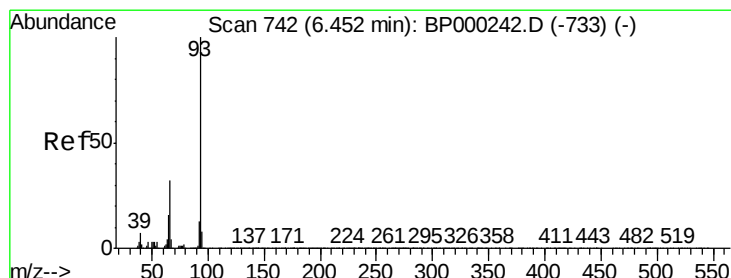
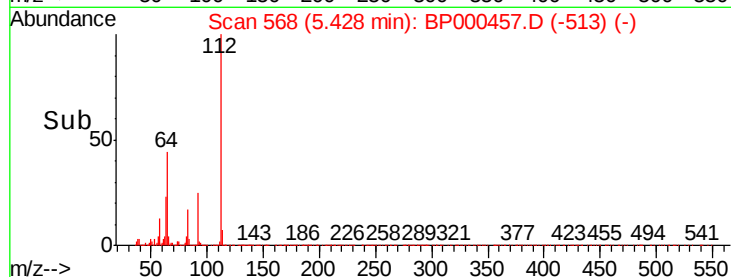
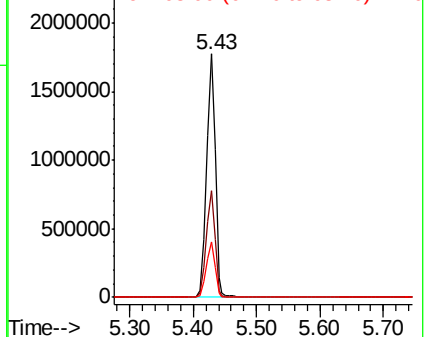
63 22.8 18.3 27.5



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: 10.400 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

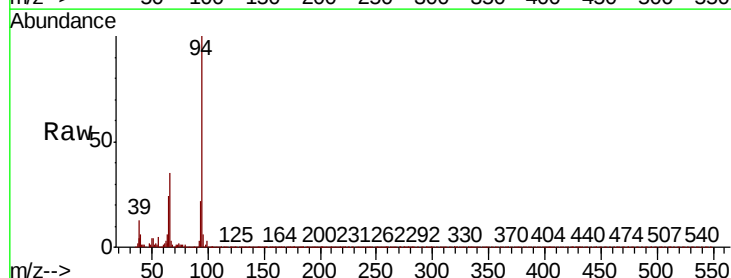
Tgt Ion: 93 Resp: 231810

Ion Ratio Lower Upper

93 100

66 159.4 26.2 39.2#

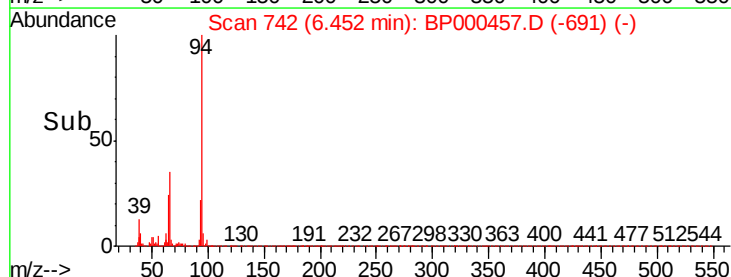
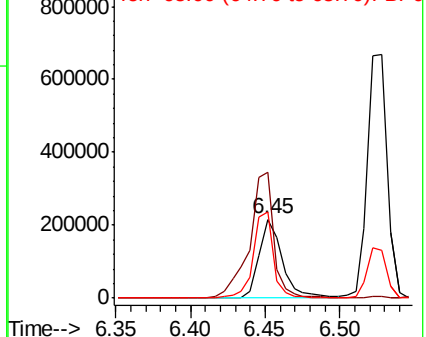
65 108.9 12.7 19.1#

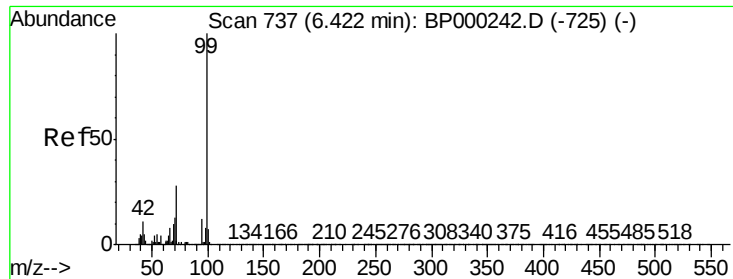


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 131.308 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

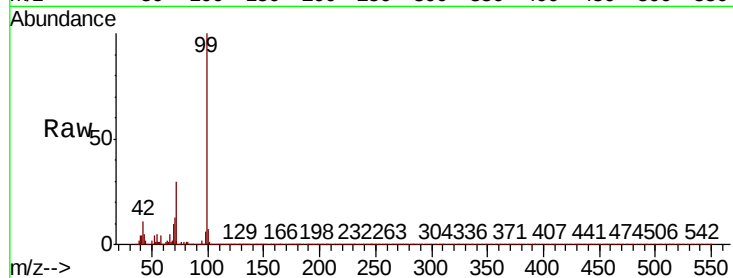
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 2122710

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.7	22.6	34.0

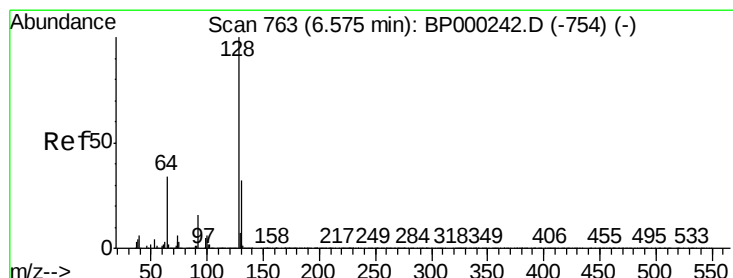
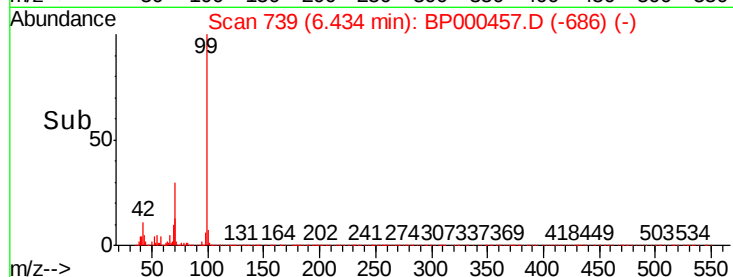
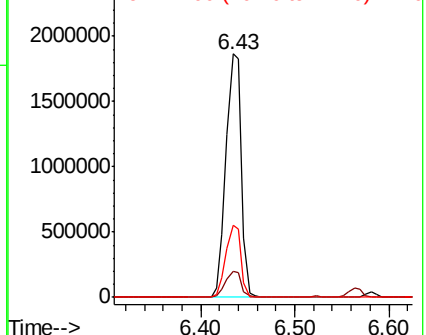


Abundance

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: 46.169 ng

RT: 6.58 min Scan# 764

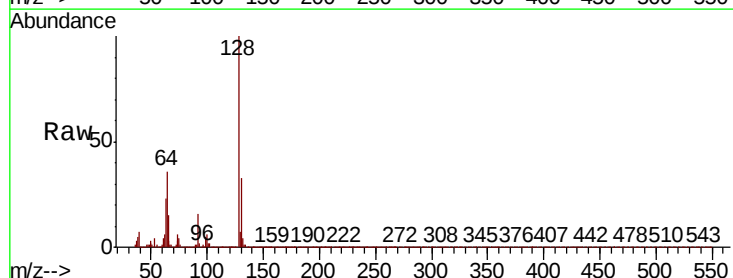
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion: 128 Resp: 655661

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	36.2	16.0	56.0

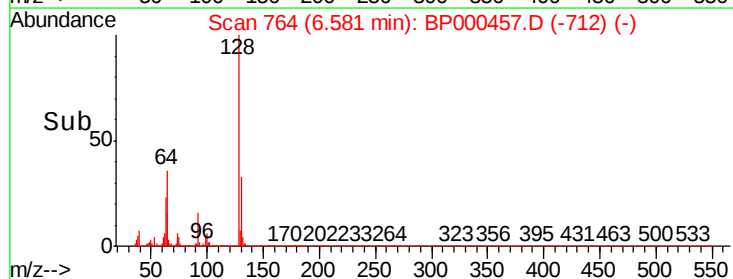
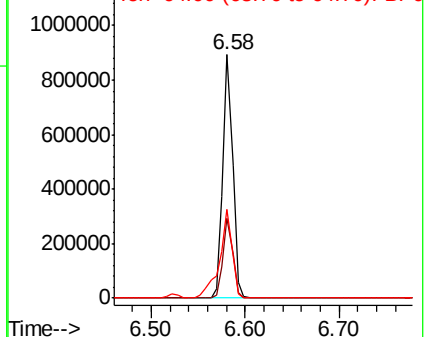


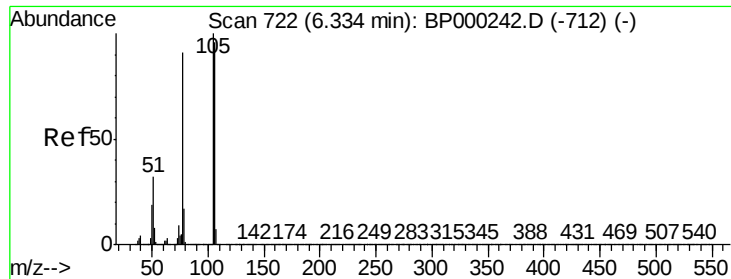
Abundance

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: 29.019 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

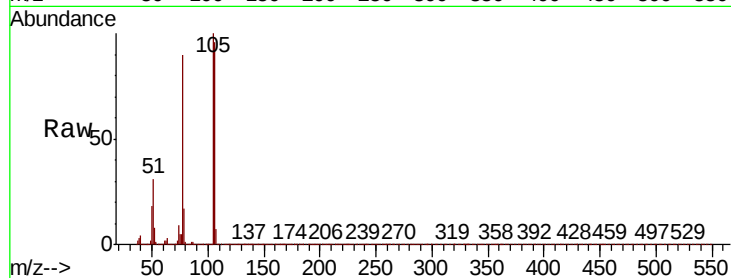
Tot Ion: 77 Resp: 268543

Ion Ratio Lower Upper

77 100

105 111.4 89.6 129.6

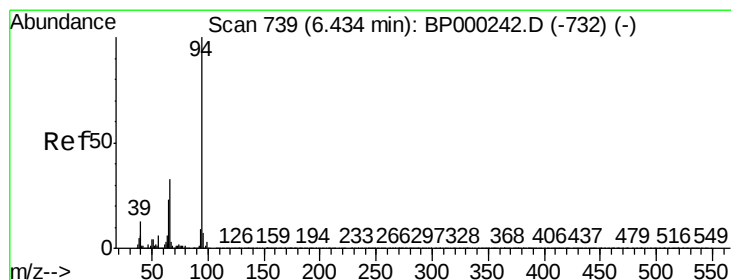
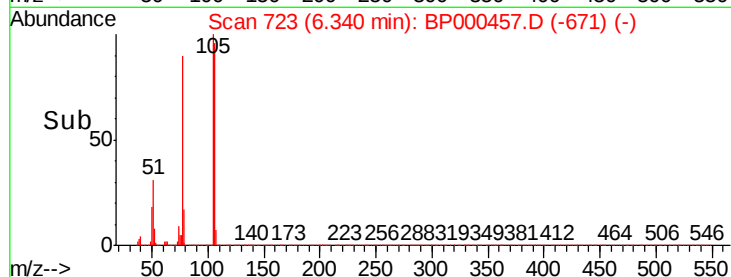
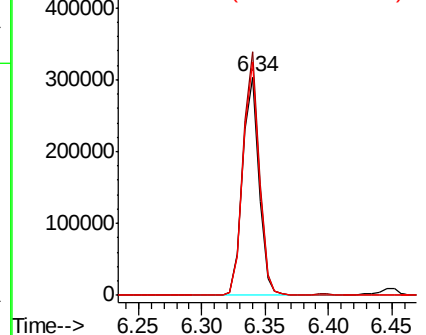
106 106.8 84.6 124.6



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: 42.706 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

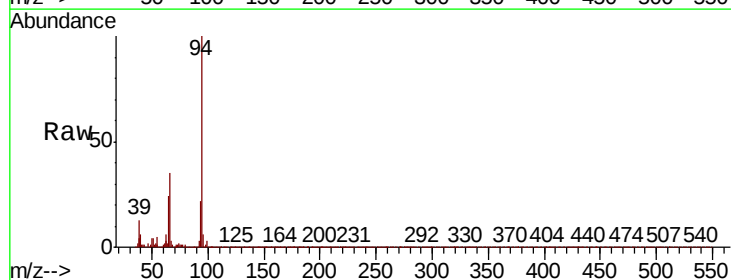
Tgt Ion: 94 Resp: 784372

Ion Ratio Lower Upper

94 100

65 24.0 3.3 43.3

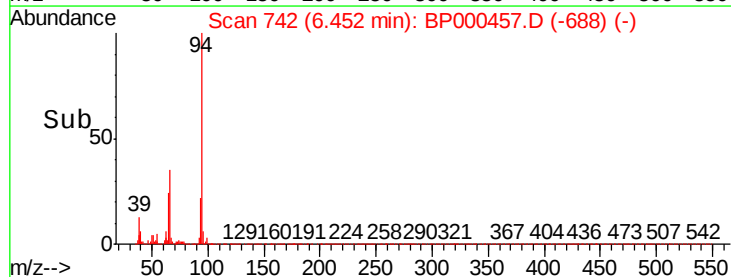
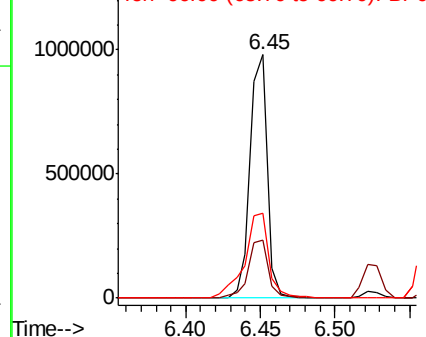
66 35.1 12.7 52.7

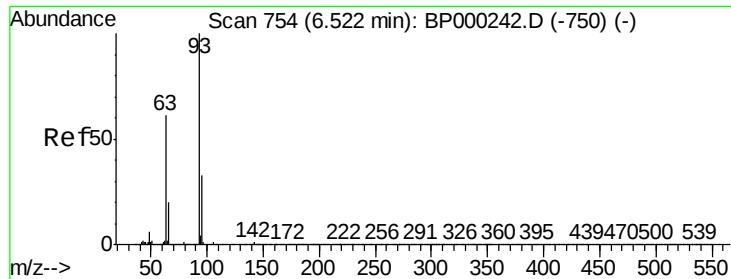


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

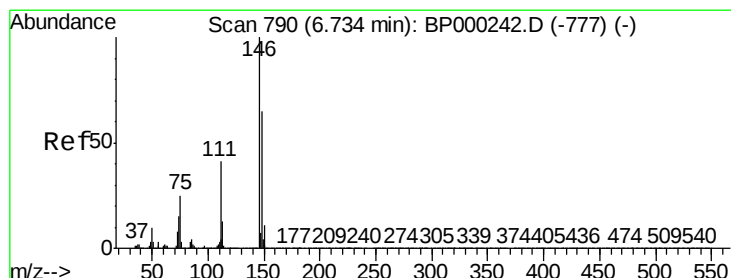
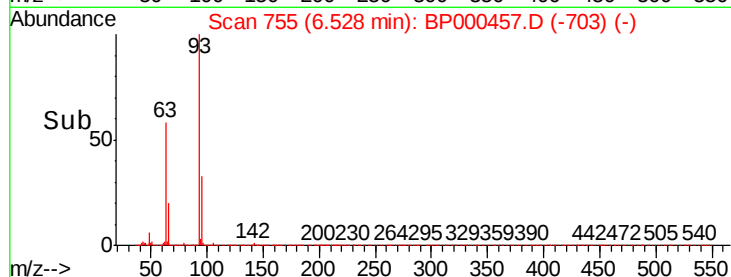
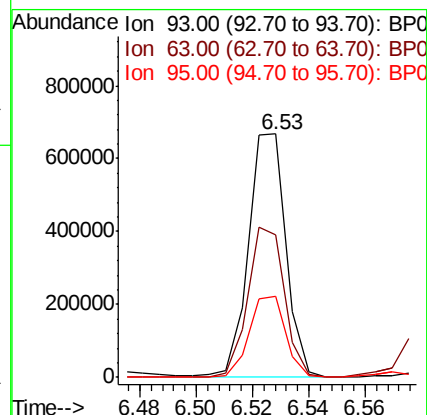
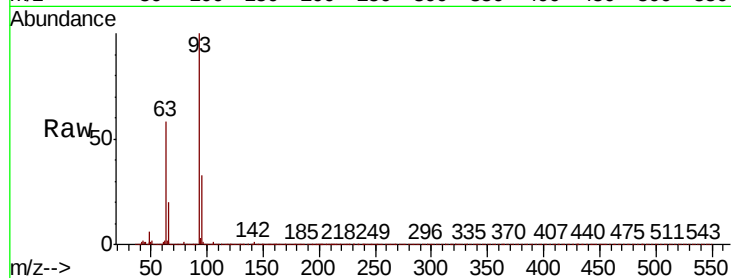




#11
bis(2-Chloroethyl)ether
Concen: 43.523 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

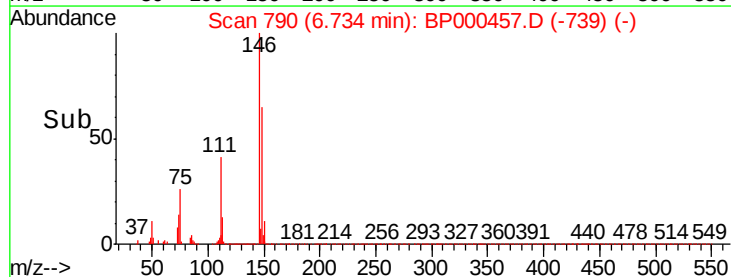
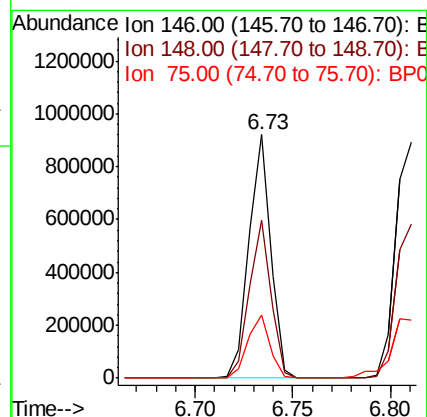
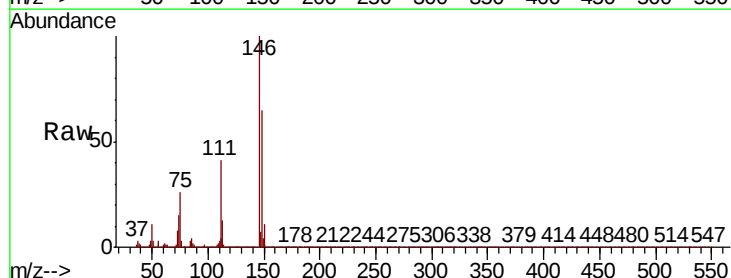
Instrument :
BNA_P
ClientSampled :

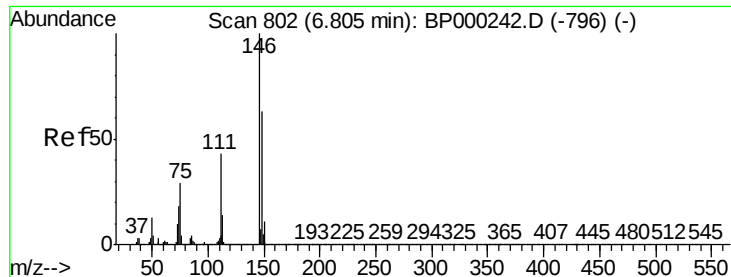
Tot Ion:	93	Resp:	612148
Ion	Ratio	Lower	Upper
93	100		
63	58.5	41.0	81.0
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.937 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	146	Resp:	714684
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	25.7	20.2	30.4

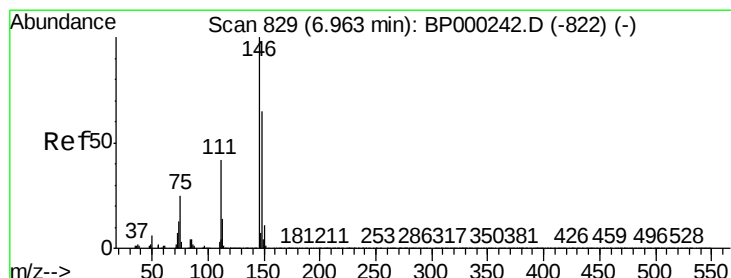
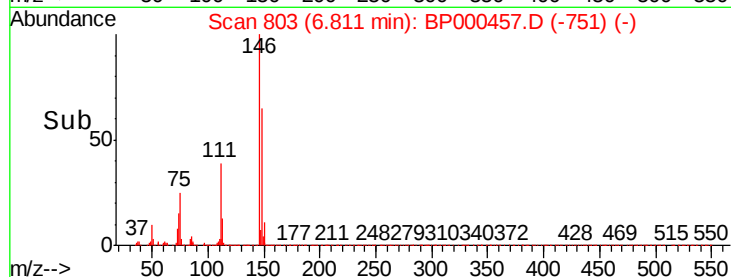
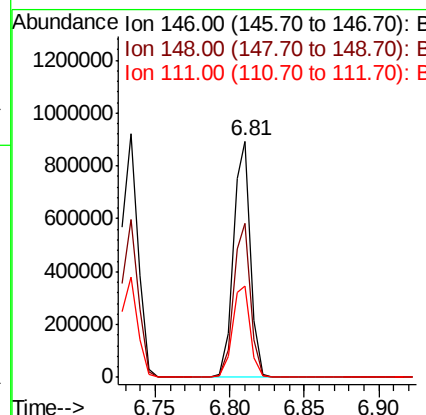
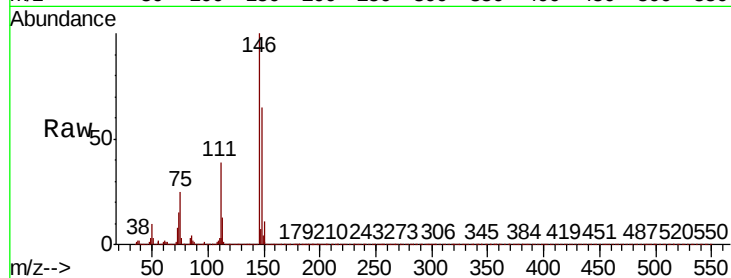




#13
1,4-Dichlorobenzene
Concen: 42.746 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

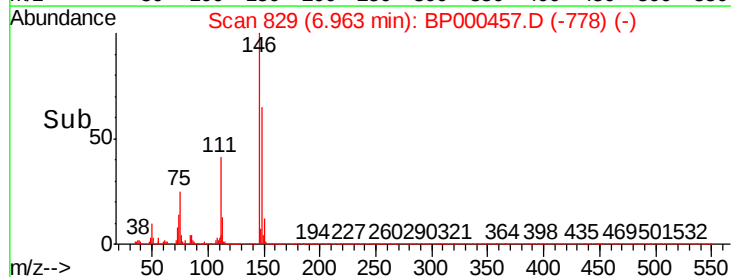
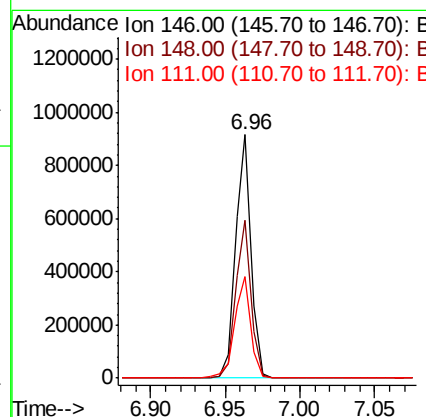
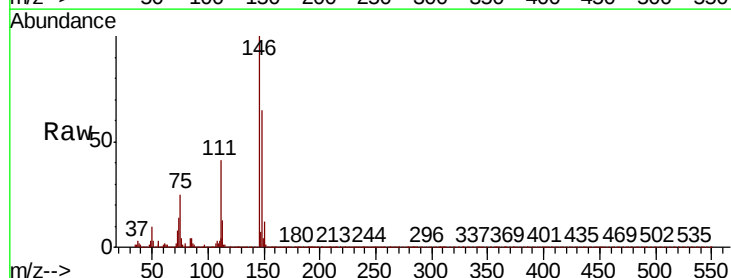
Instrument :
BNA_P
ClientSampleId :

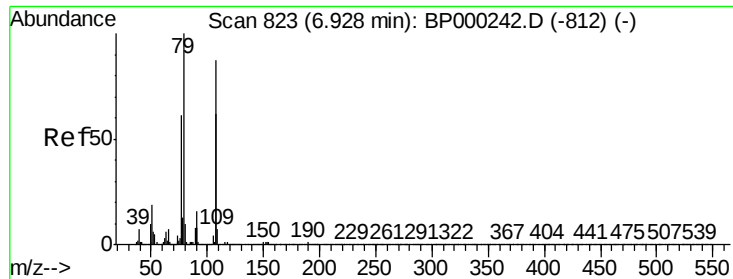
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	38.8	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 43.376 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
111	41.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 44.951 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampled :

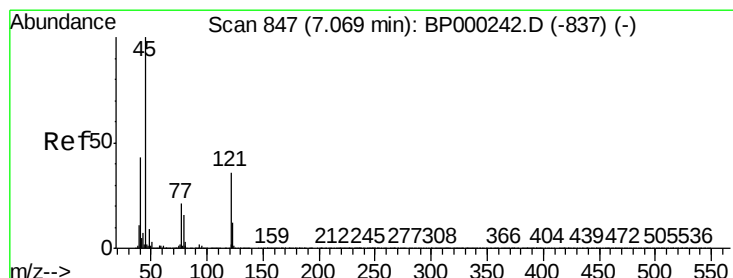
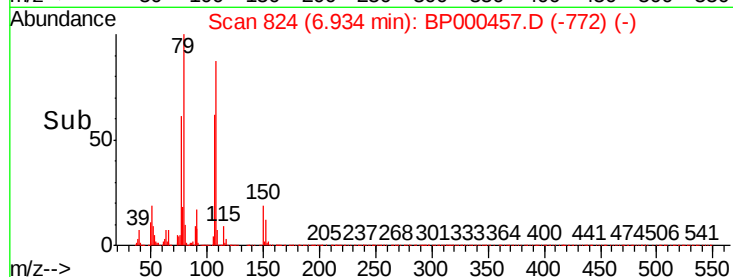
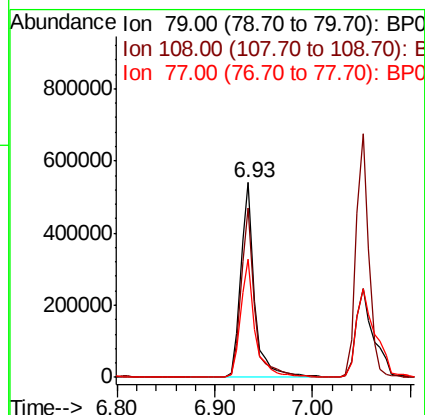
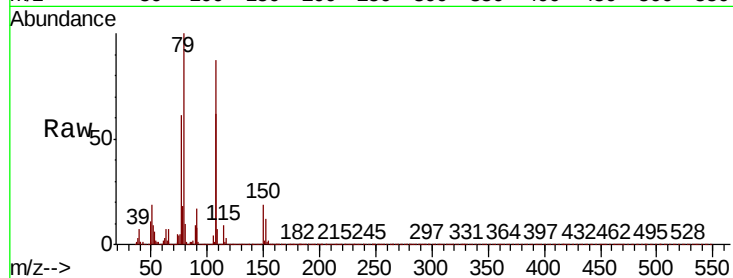
Tot Ion: 79 Resp: 528813

Ion Ratio Lower Upper

79 100

108 87.1 69.2 103.8

77 60.9 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.232 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

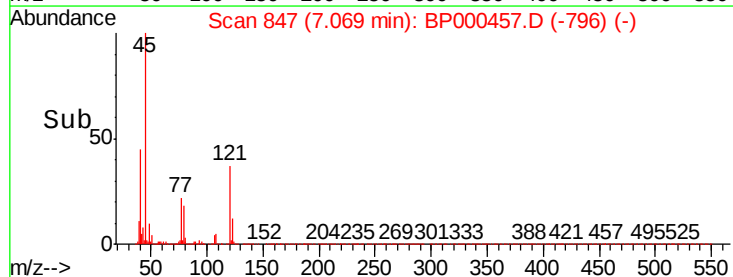
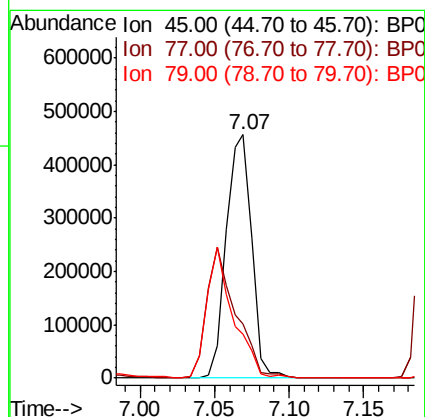
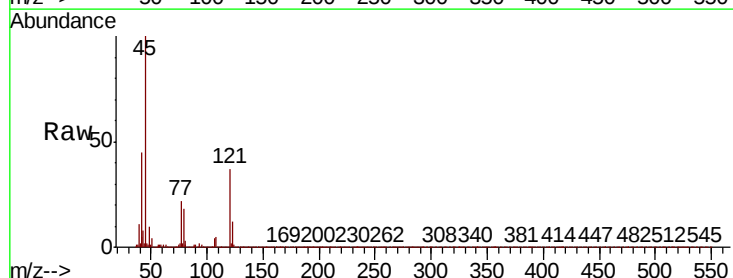
Tgt Ion: 45 Resp: 549811

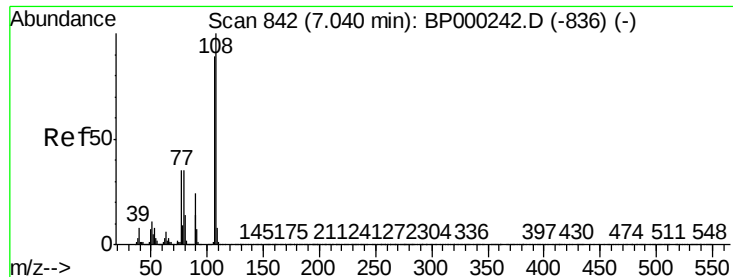
Ion Ratio Lower Upper

45 100

77 22.1 0.7 40.7

79 17.9 0.0 36.4

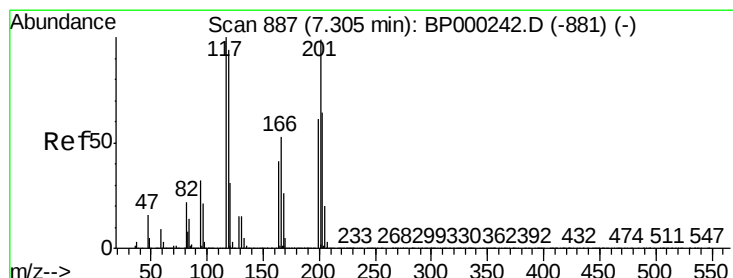
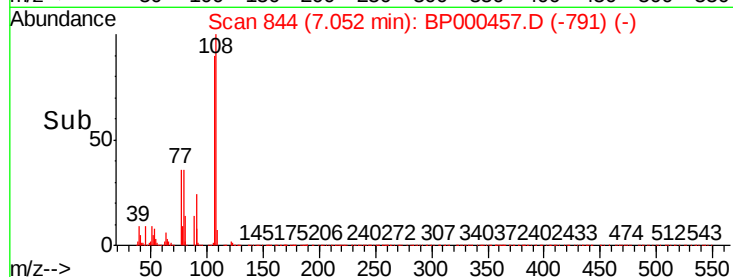
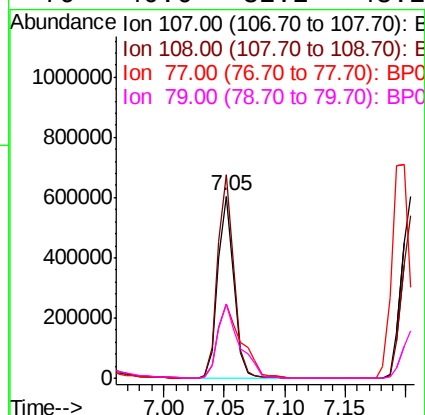
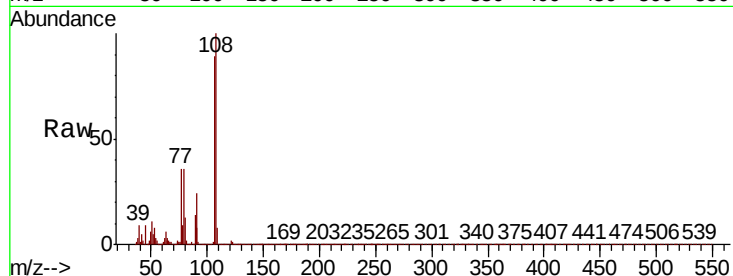




#17
2-Methylphenol
Concen: 44.959 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

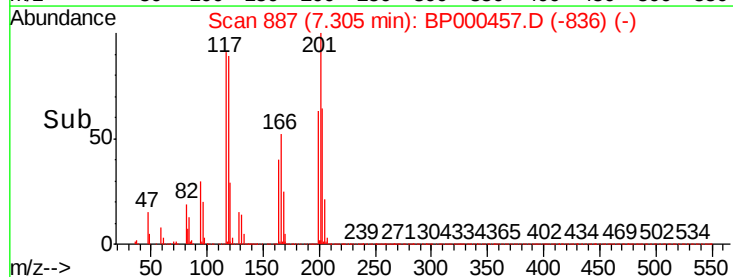
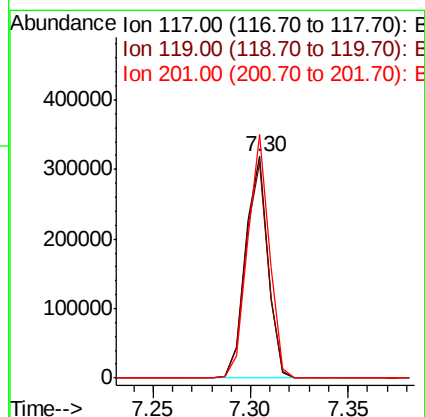
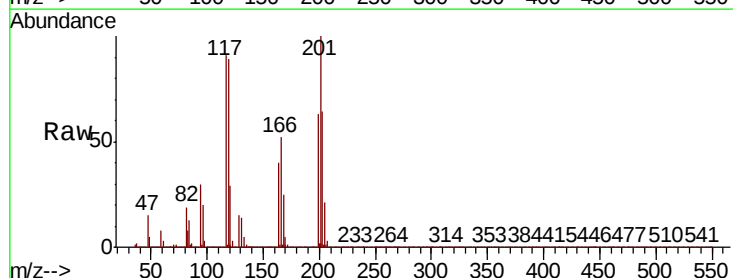
Instrument :
BNA_P
ClientSampled :

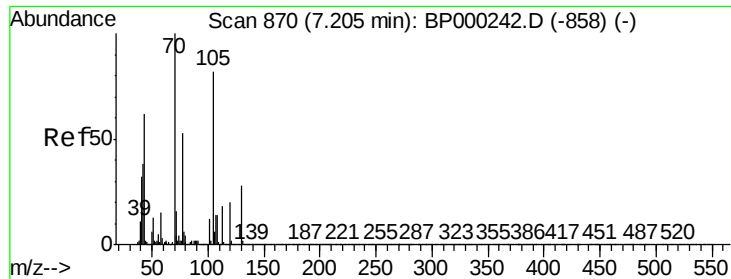
Tot Ion:	107	Resp:	546847
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.1	135.1
77	40.7	31.5	47.3
79	40.6	32.2	48.2



#18
Hexachloroethane
Concen: 40.444 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	117	Resp:	253770
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.6	113.4
201	109.8	79.4	119.2

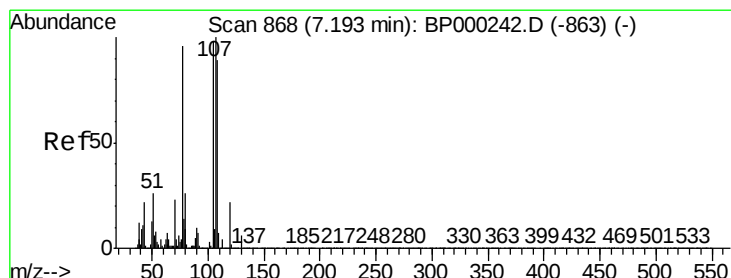
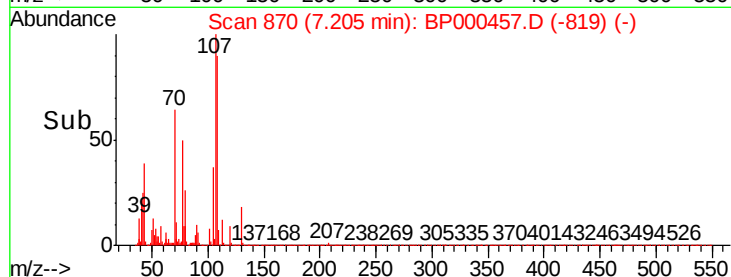
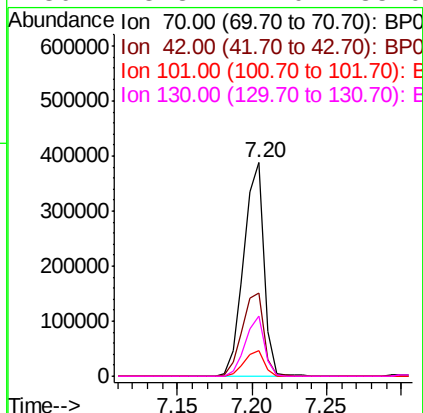
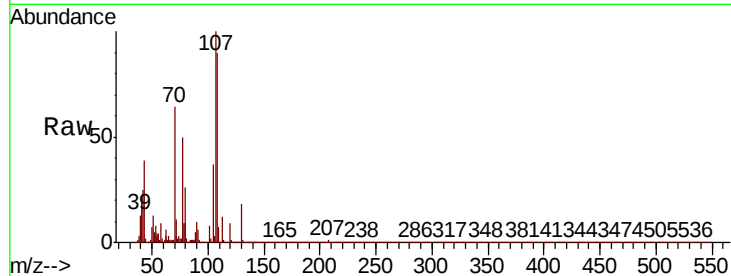




#19
n-Nitroso-di-n-propylamine
Concen: 42.740 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

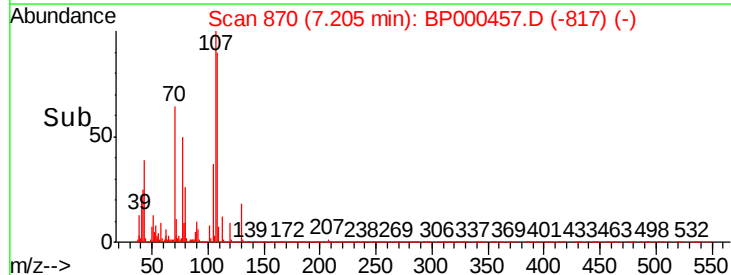
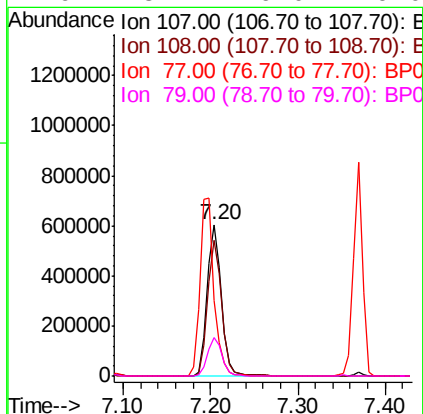
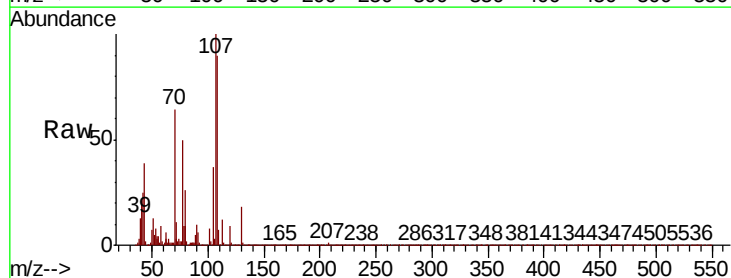
Instrument :
BNA_P
ClientSampleId :

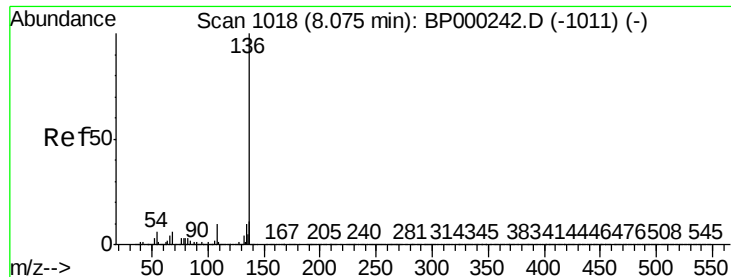
Tot Ion:	70	Resp:	365306
Ion	Ratio	Lower	Upper
70	100		
42	39.1	30.7	46.1
101	12.2	9.6	14.4
130	28.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 46.264 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	107	Resp:	680472
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.8	108.8
77	49.7	75.7	115.7#
79	25.7	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000457.D

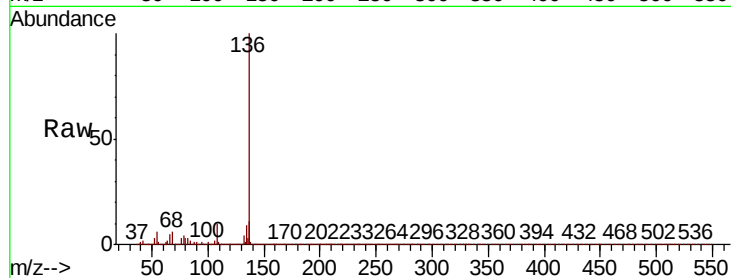
Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp:	809267
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	6.1	4.5 6.7
68	6.2	4.5 6.7

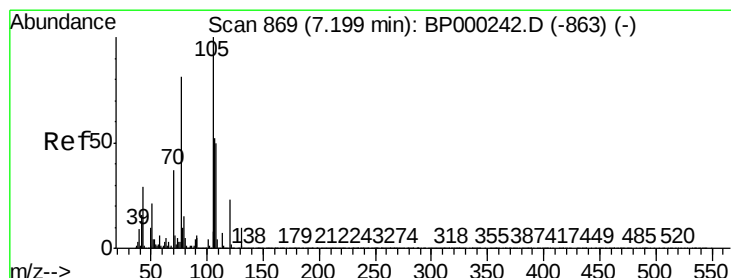
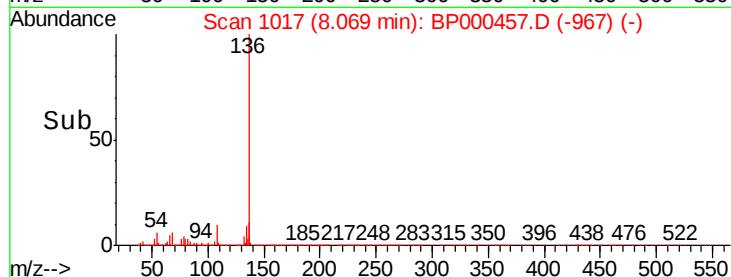
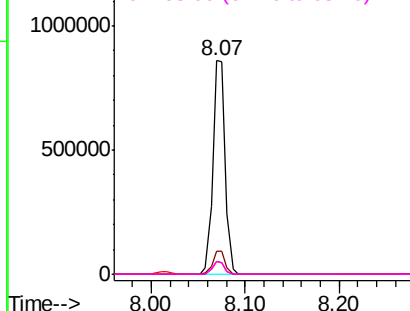


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.638 ng

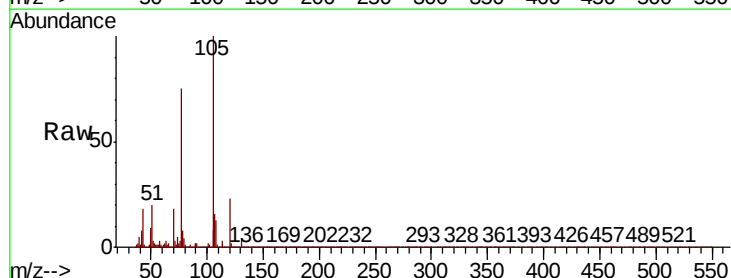
RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:105	Resp:	888079
Ion Ratio	Lower	Upper
105	100	
71	2.9	5.2 7.8#
51	19.6	16.6 24.8
120	22.8	18.5 27.7

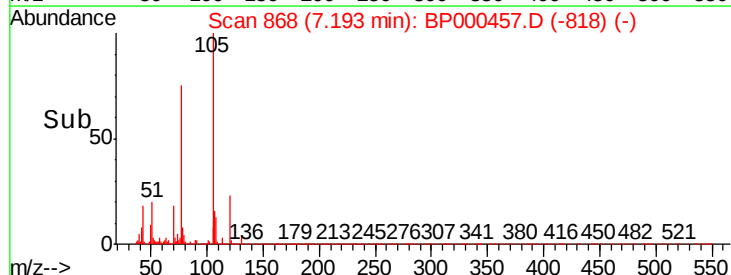
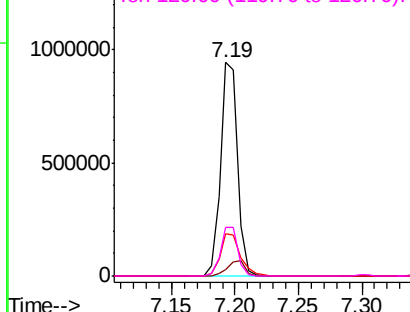


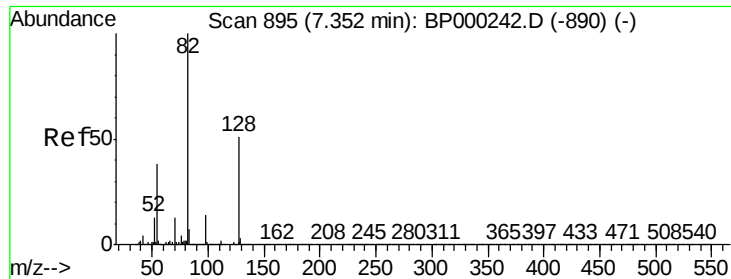
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

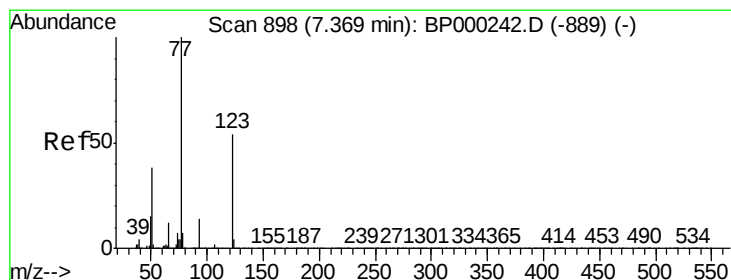
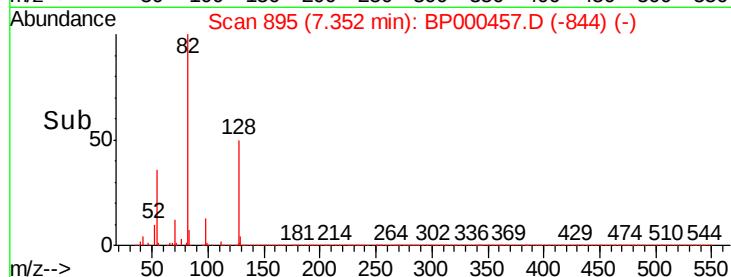
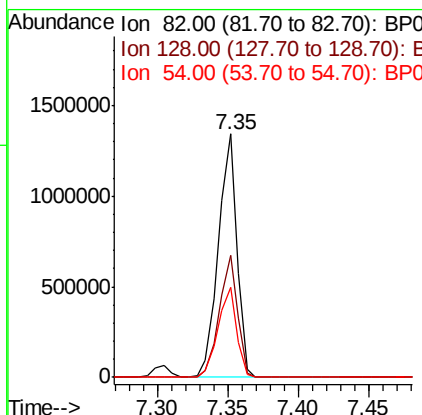
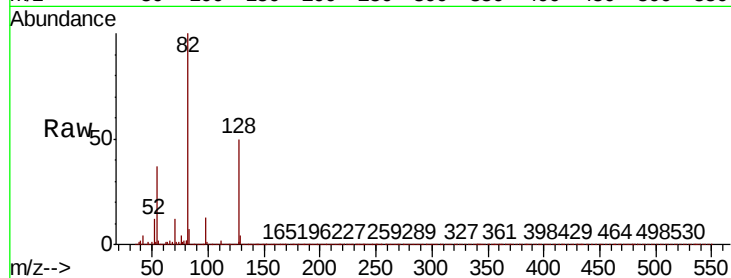




#23
 Nitrobenzene-d5
 Concen: 97.815 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

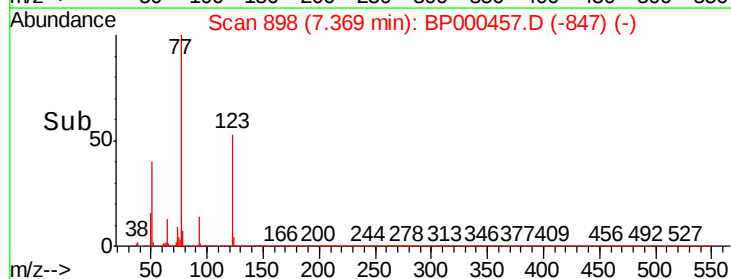
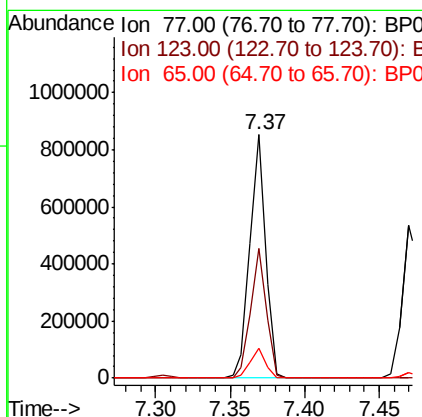
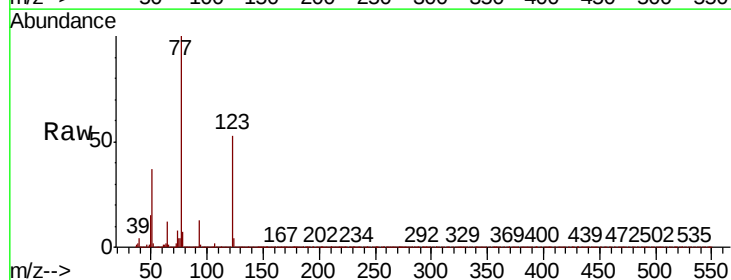
Instrument :
 BNA_P
 ClientSampleId :

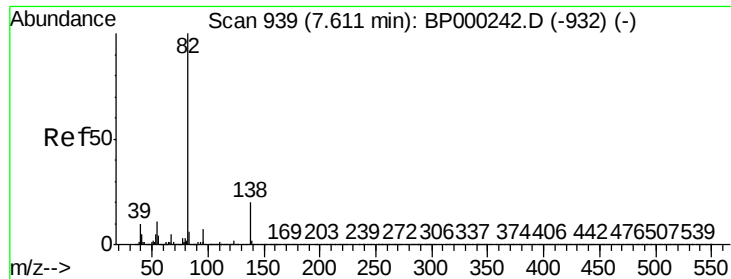
Tot Ion: 82 Resp: 1226898
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.7 61.1
 54 37.0 30.1 45.1



#24
 Nitrobenzene
 Concen: 47.893 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion: 77 Resp: 623953
 Ion Ratio Lower Upper
 77 100
 123 53.2 43.1 64.7
 65 12.0 9.4 14.2





#25

Isophorone

Concen: 46.558 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

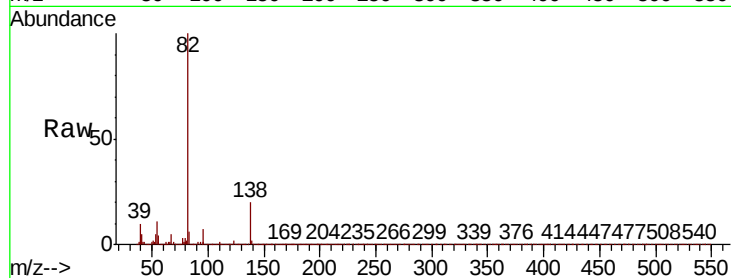
Tot Ion: 82 Resp: 1156343

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

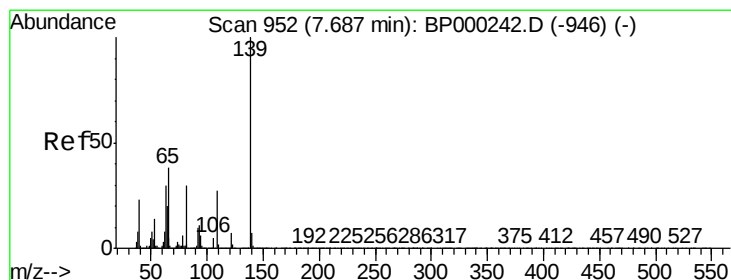
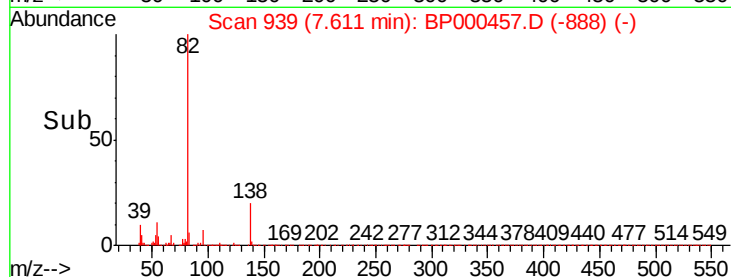
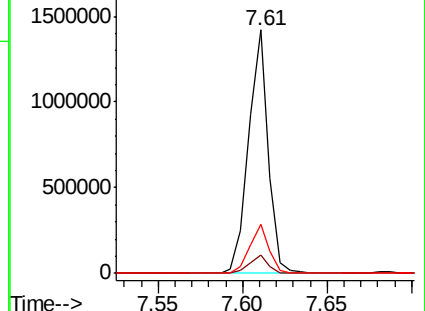
138 20.1 15.9 23.9



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: 49.320 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

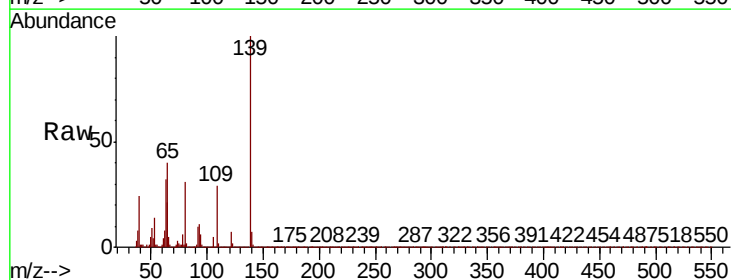
Tgt Ion: 139 Resp: 340641

Ion Ratio Lower Upper

139 100

109 28.7 21.8 32.6

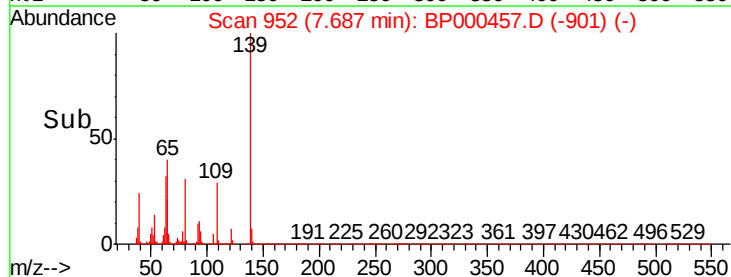
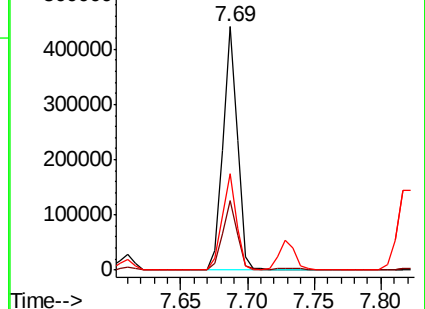
65 39.6 30.5 45.7

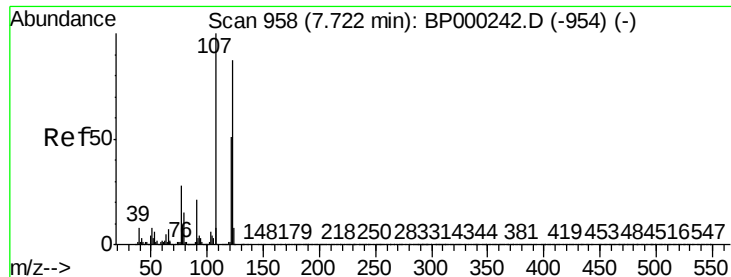


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

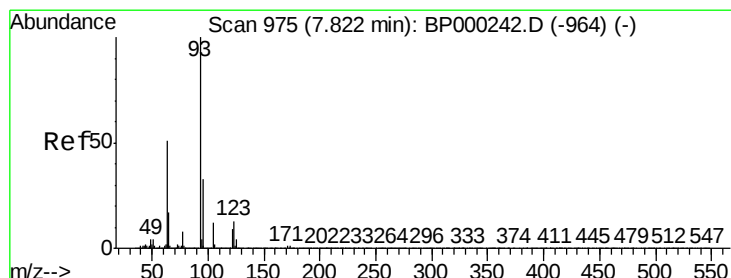
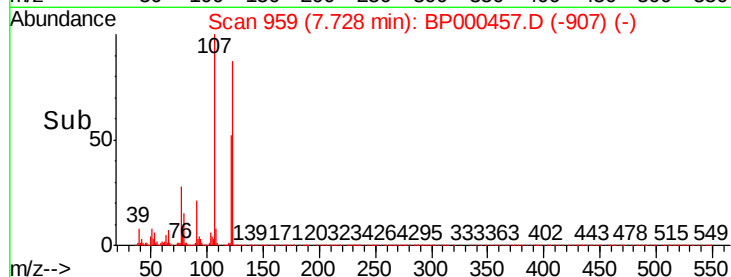
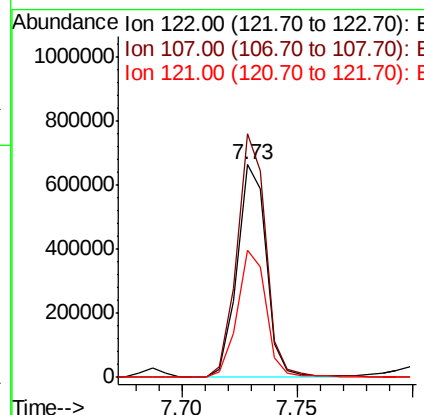
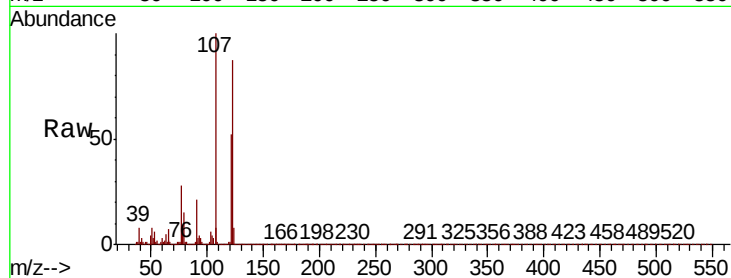




#27
2,4-Dimethylphenol
Concen: 53.265 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

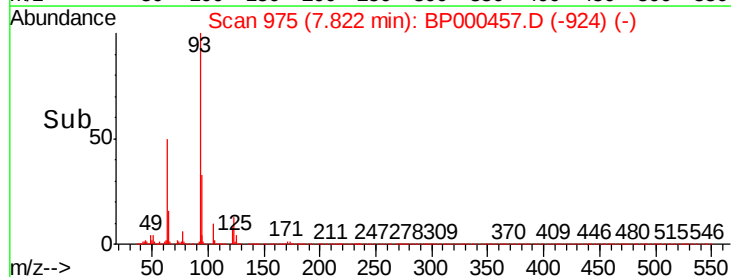
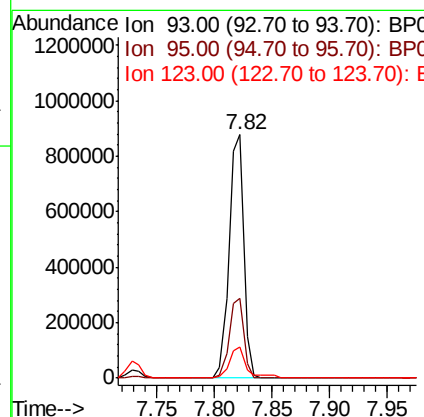
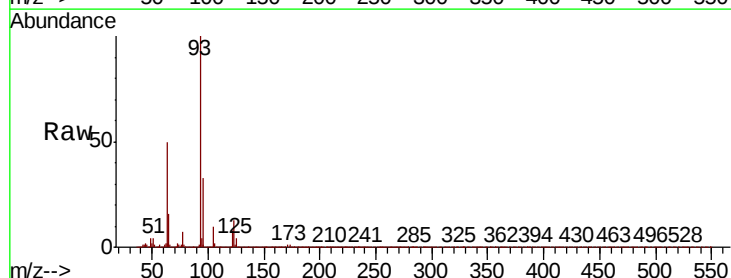
Instrument :
BNA_P
ClientSampled :

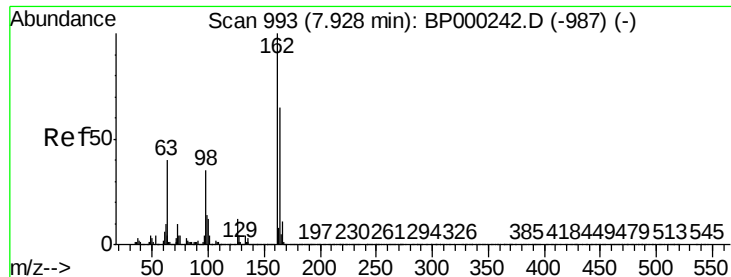
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.5	137.3
121	59.5	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 46.975 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	13.0	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 50.116 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

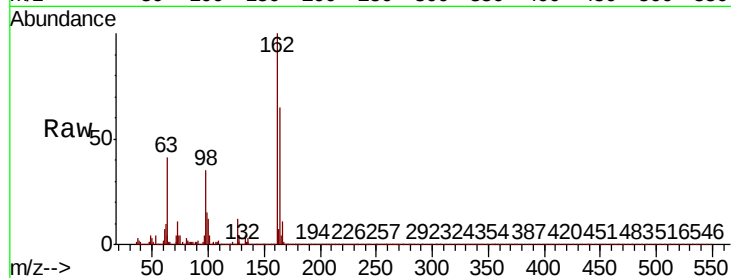
Tot Ion:162 Resp: 590927

Ion Ratio Lower Upper

162 100

164 65.1 44.5 84.5

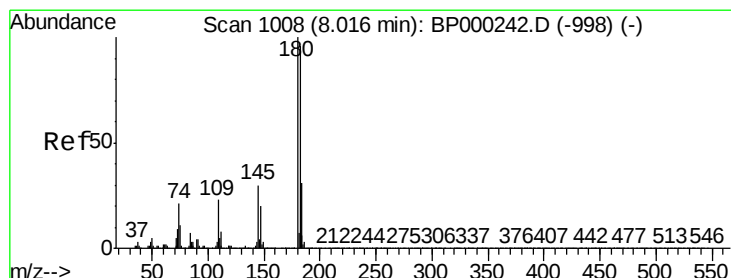
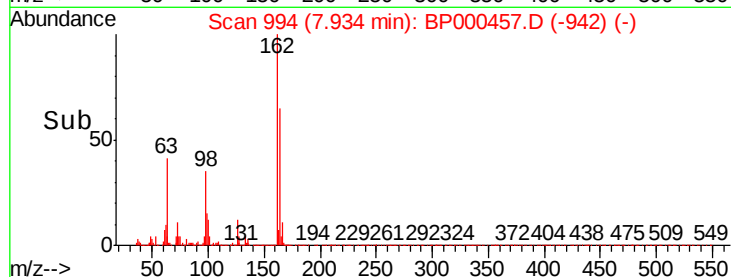
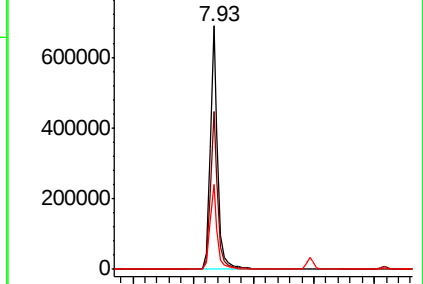
98 34.9 15.2 55.2



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: 46.998 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

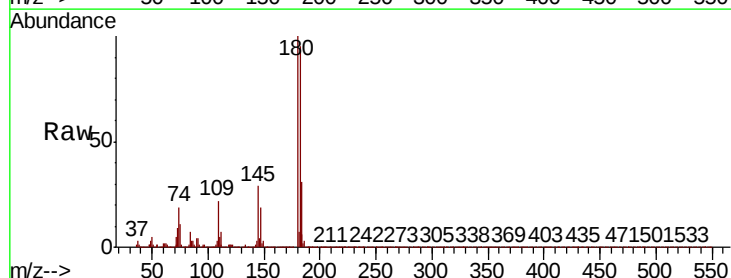
Tgt Ion:180 Resp: 635183

Ion Ratio Lower Upper

180 100

182 95.3 77.2 115.8

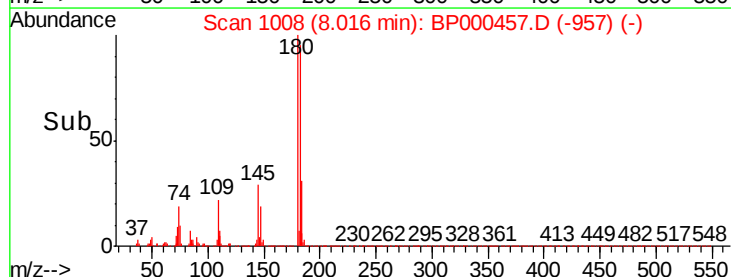
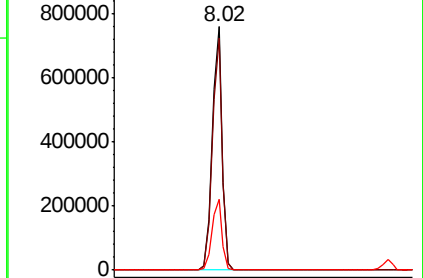
145 28.9 24.3 36.5

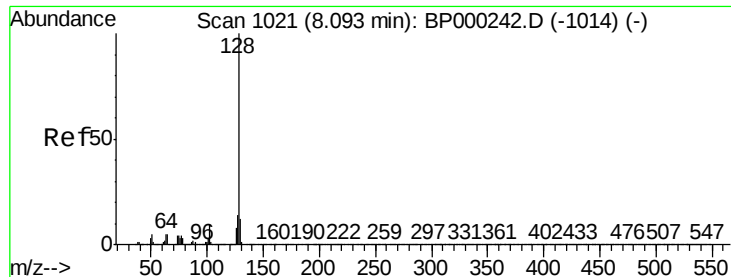


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

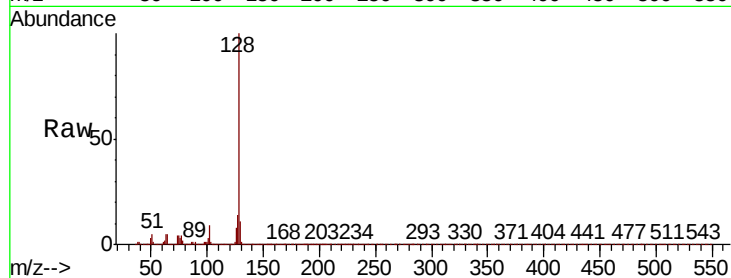




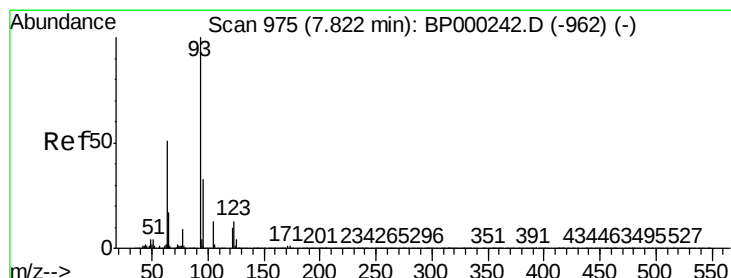
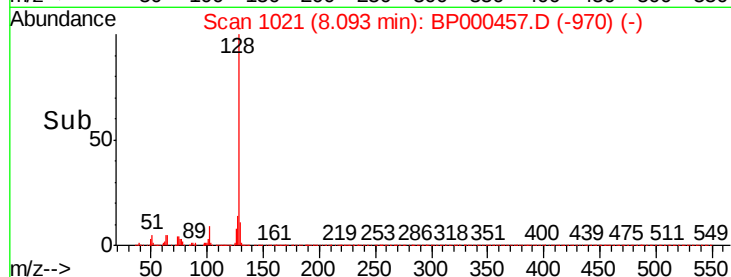
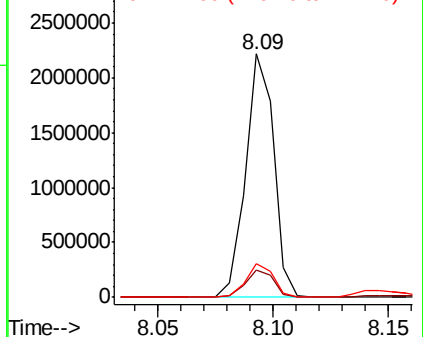
#31
Naphthalene
Concen: 50.495 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 1892538
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 11.0 16.6

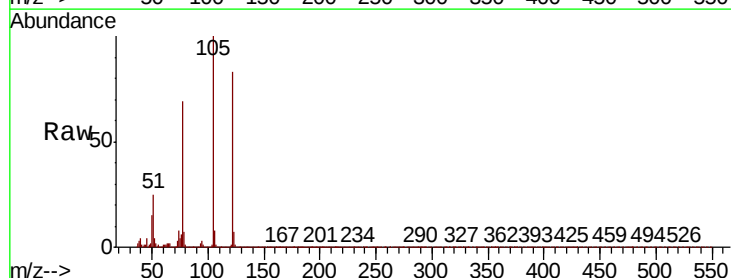


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

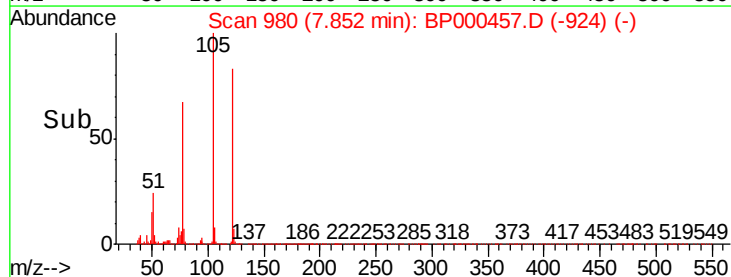
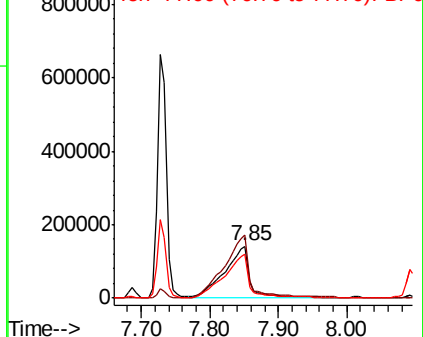


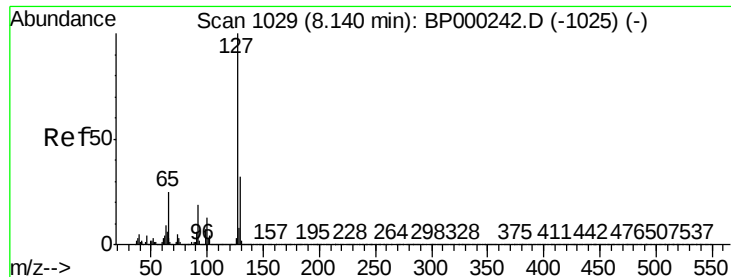
#32
Benzoic acid
Concen: 47.764 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:122 Resp: 354809
Ion Ratio Lower Upper
122 100
105 120.5 105.4 145.4
77 83.6 65.3 105.3



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

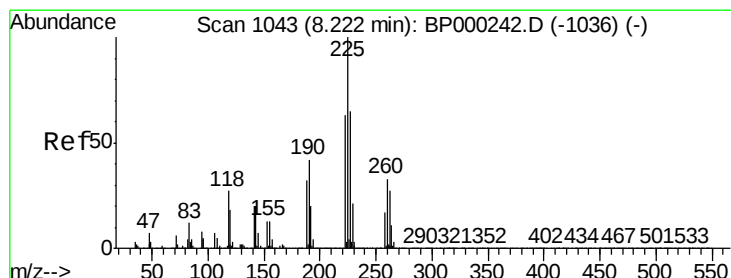
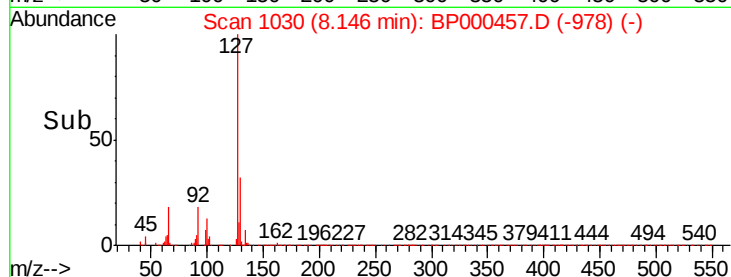
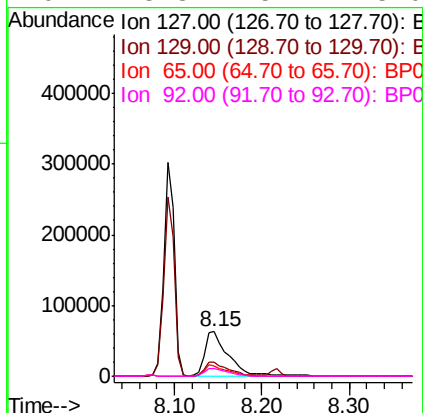
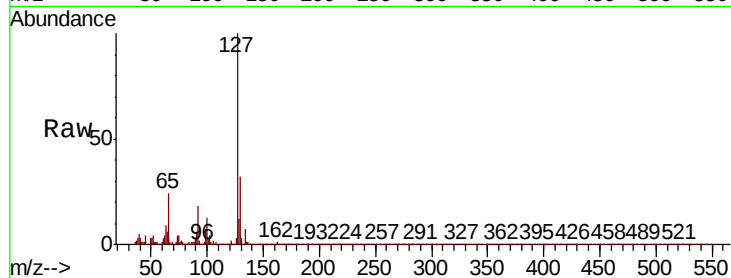




#33
4-Chloroaniline
Concen: 6.901 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

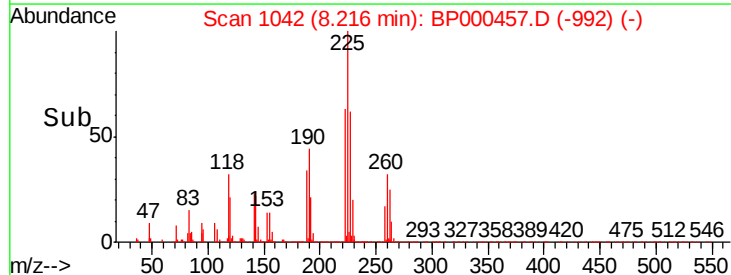
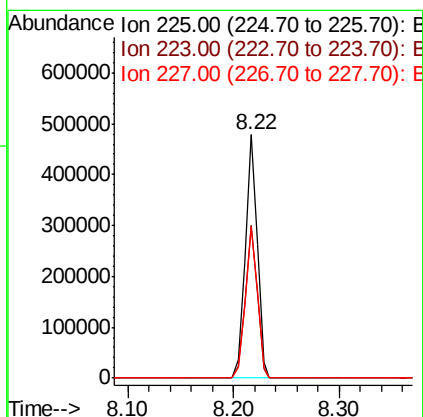
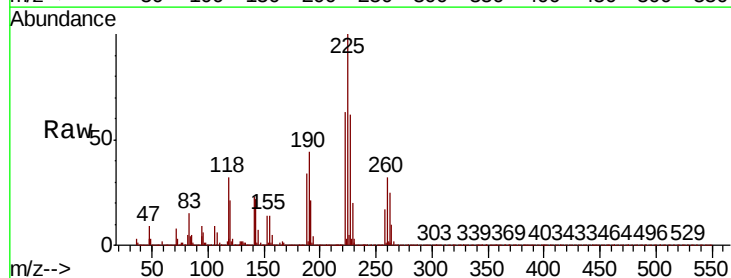
Instrument :
BNA_P
ClientSampleId :

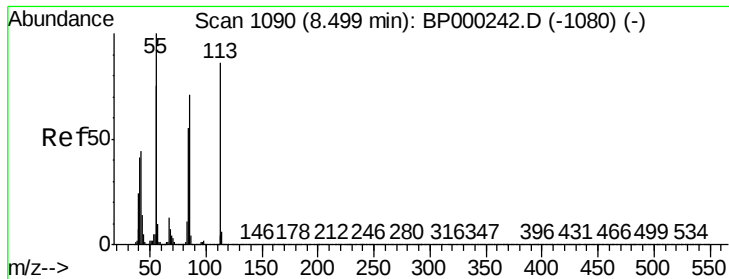
Tot Ion:	127	Resp:	117054
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	24.4	19.9	29.9
92	18.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.904 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	225	Resp:	367592
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	62.2	51.8	77.6

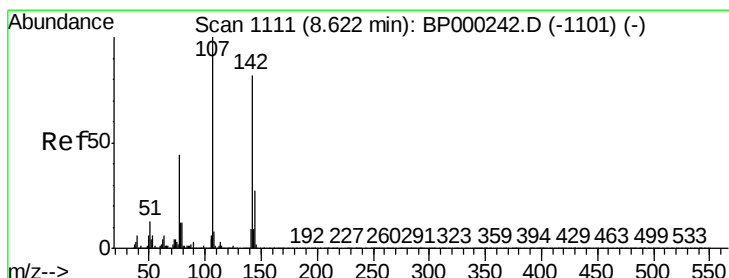
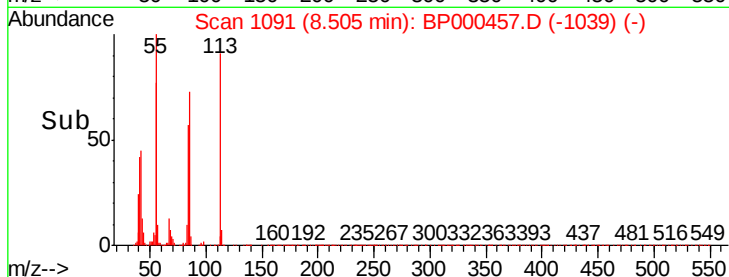
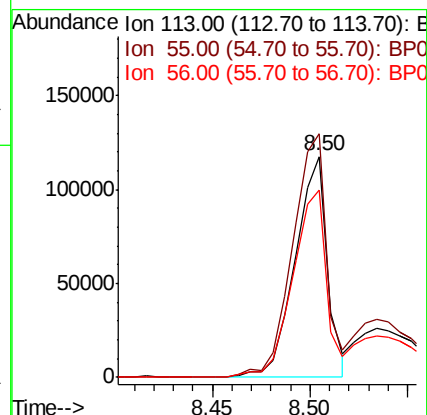
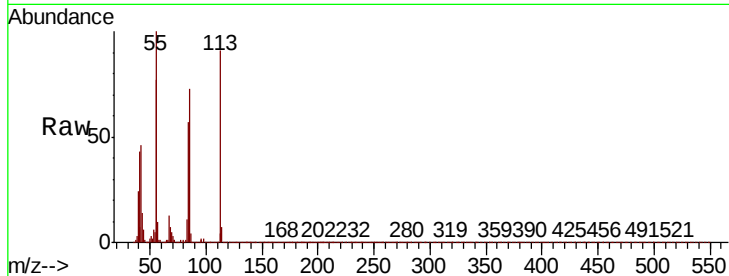




#35
Caprolactam
Concen: 33.390 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

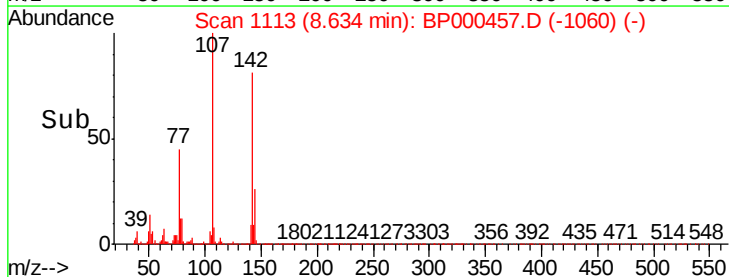
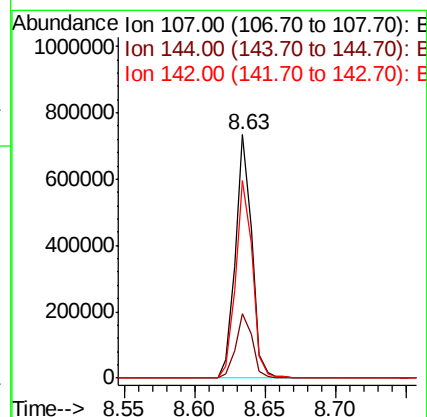
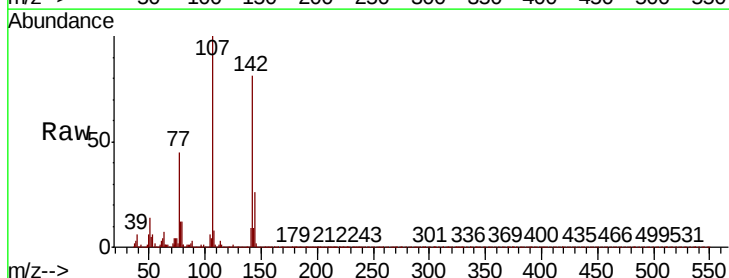
Instrument :
BNA_P
ClientSampleId :

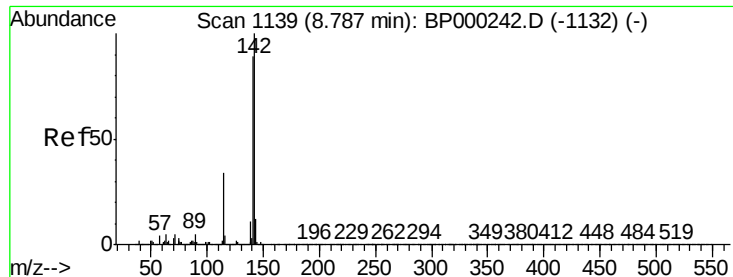
Tot Ion:113 Resp: 133930
Ion Ratio Lower Upper
113 100
55 110.3 96.8 136.8
56 84.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 49.784 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:107 Resp: 595902
Ion Ratio Lower Upper
107 100
144 26.3 21.5 32.3
142 81.2 65.7 98.5

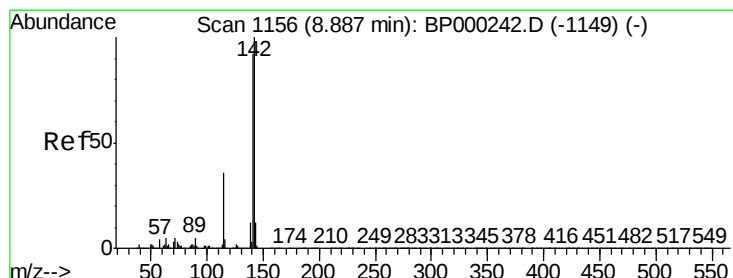
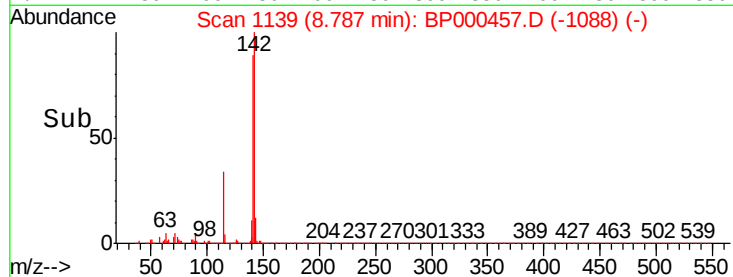
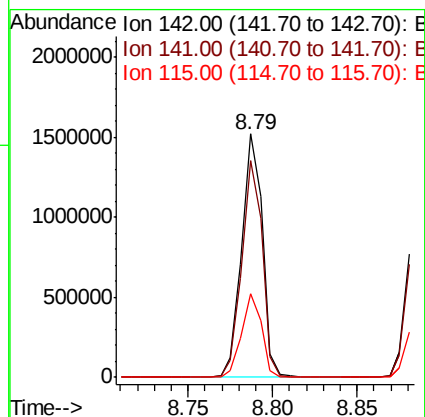
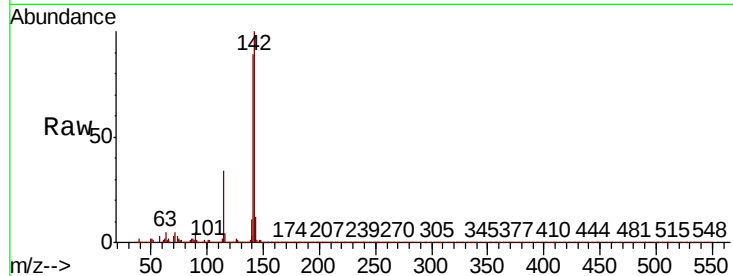




#37
 2-Methylnaphthalene
 Concen: 50.520 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

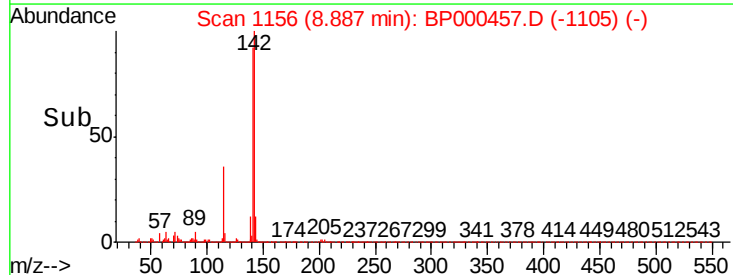
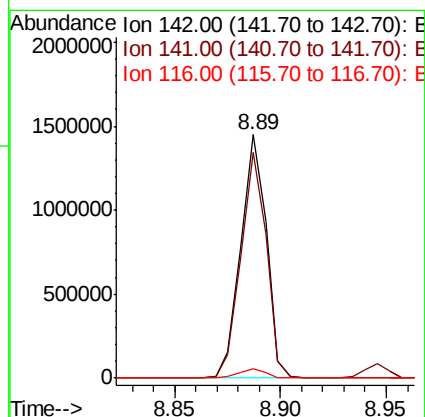
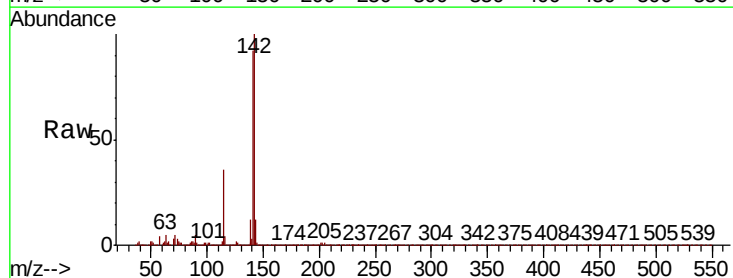
Instrument :
 BNA_P
 ClientSampleId :

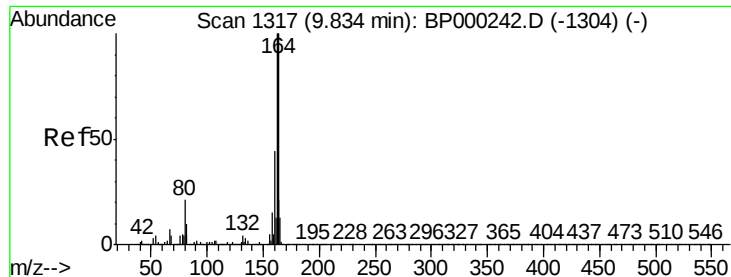
Tot Ion:142 Resp: 1294401
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.3 106.9
 115 34.3 27.2 40.8



#38
 1-Methylnaphthalene
 Concen: 50.358 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion:142 Resp: 1208629
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.9 110.9
 116 3.8 3.0 4.6

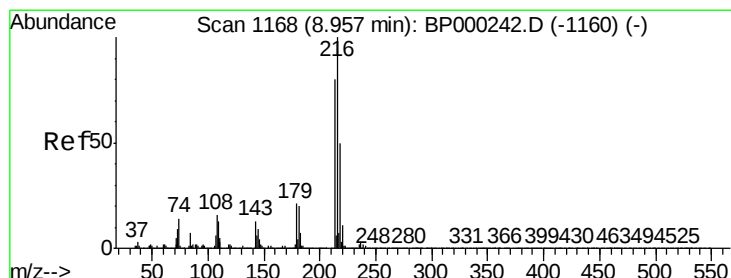
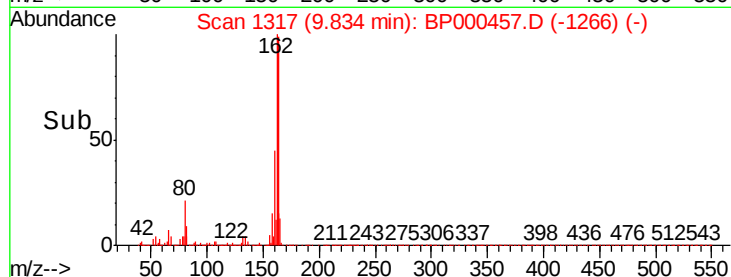
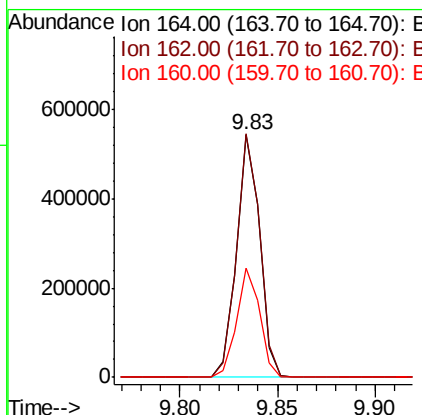
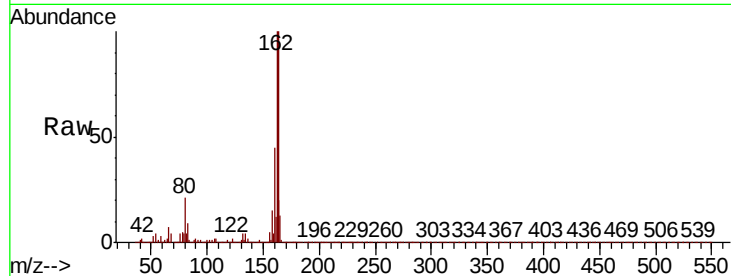




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

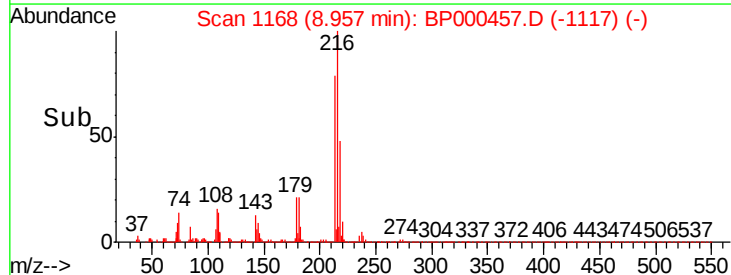
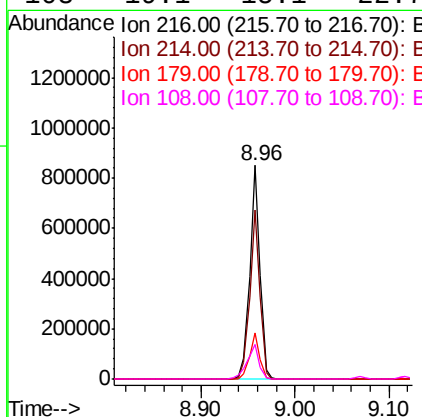
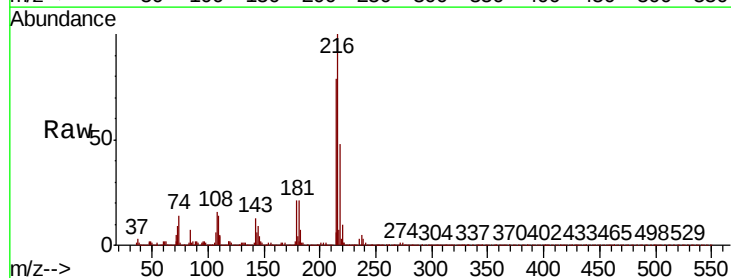
Instrument :
BNA_P
ClientSampleId :

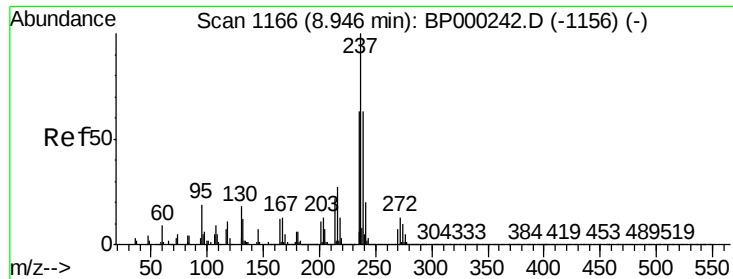
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.8	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.851 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	21.0	17.0	25.4
108	19.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 71.850 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

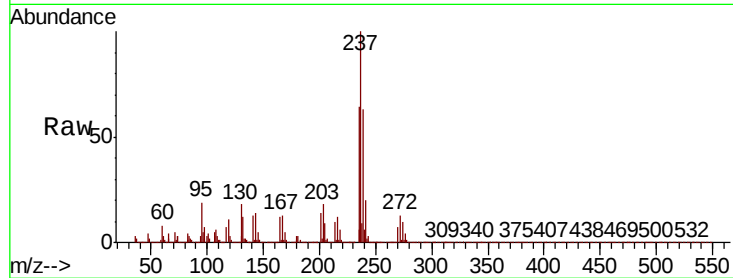
Tot Ion:237 Resp: 528441

Ion Ratio Lower Upper

237 100

235 64.0 43.5 83.5

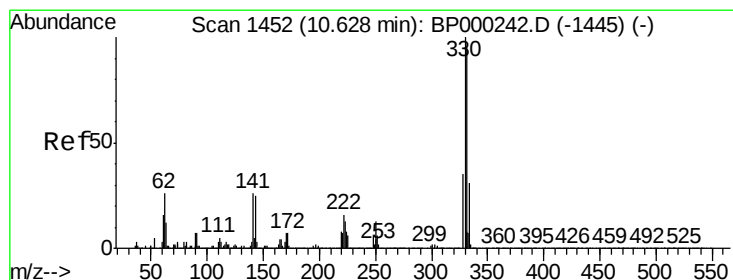
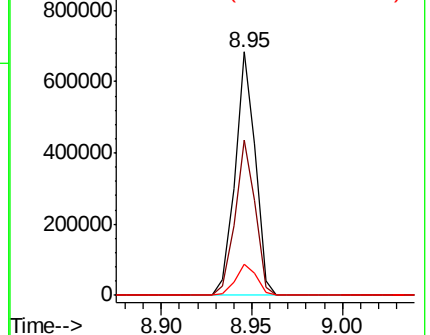
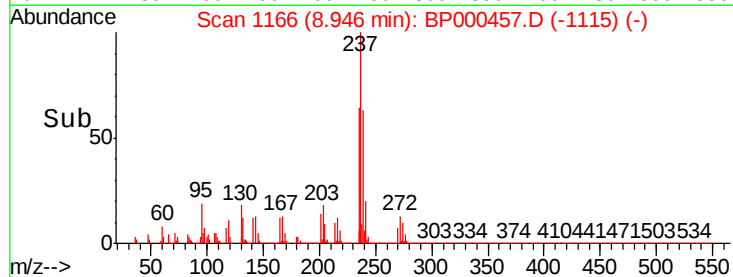
272 12.6 0.0 33.0



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: 146.637 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

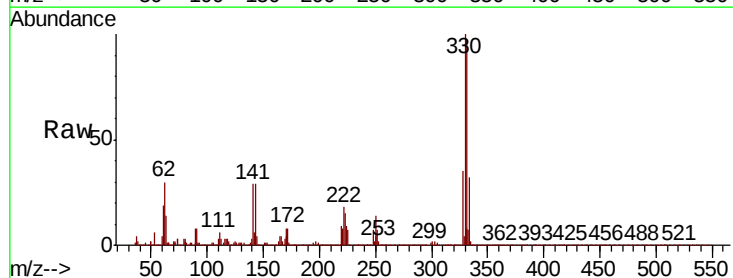
Tgt Ion:330 Resp: 651532

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

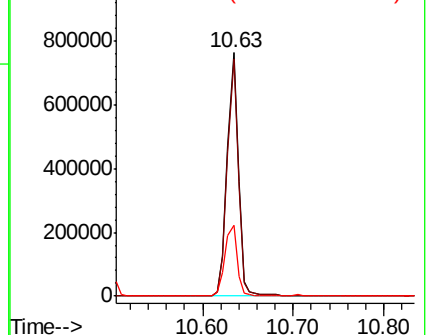
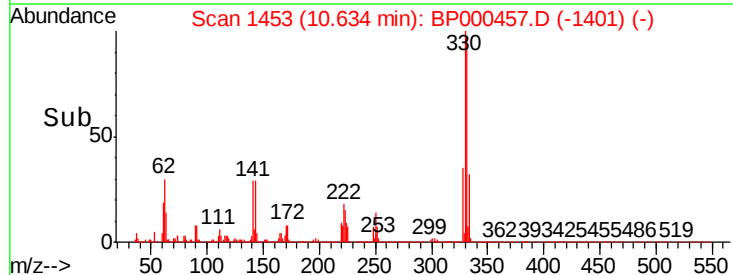
141 31.9 26.5 39.7

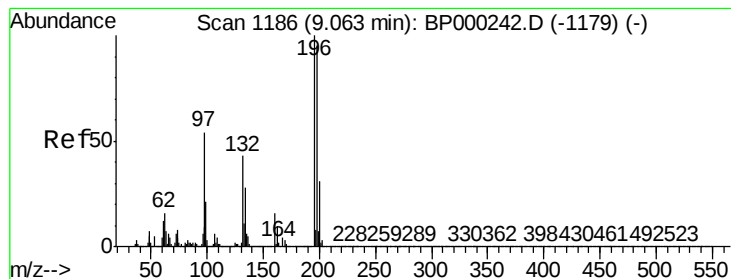


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 48.696 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

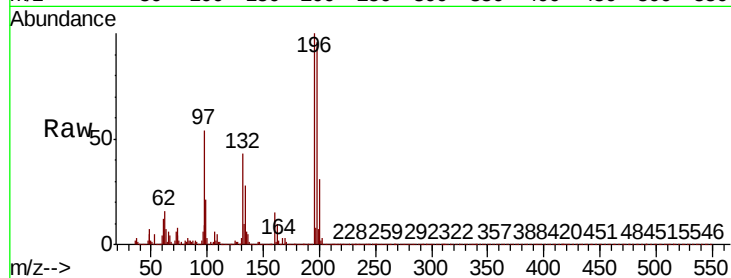
Tot Ion:196 Resp: 431572

Ion Ratio Lower Upper

196 100

198 96.4 76.0 114.0

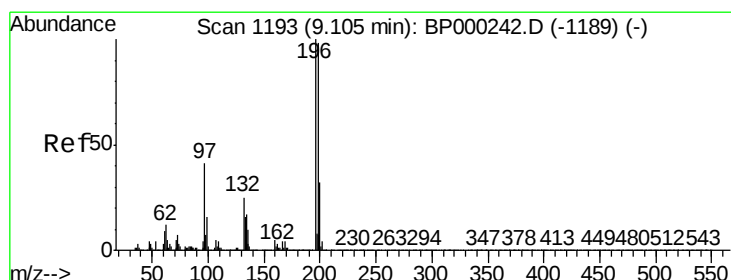
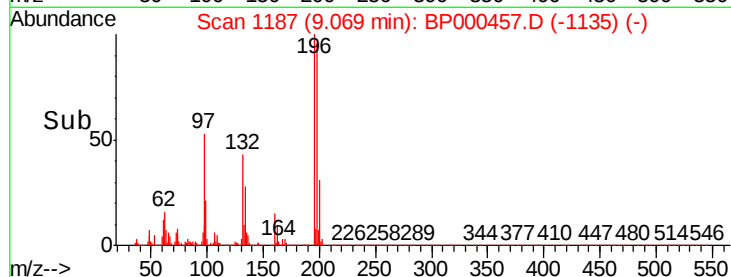
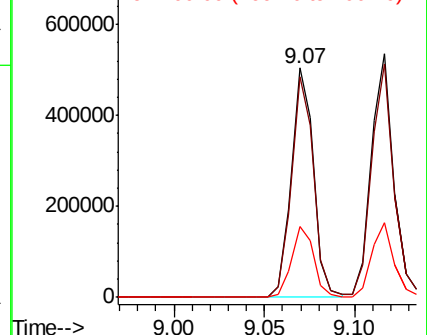
200 30.8 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 51.942 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:196 Resp: 471367

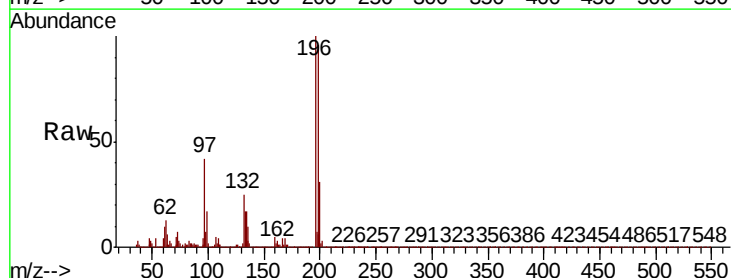
Ion Ratio Lower Upper

196 100

198 95.9 78.1 117.1

97 41.6 33.3 49.9

132 25.4 20.0 30.0

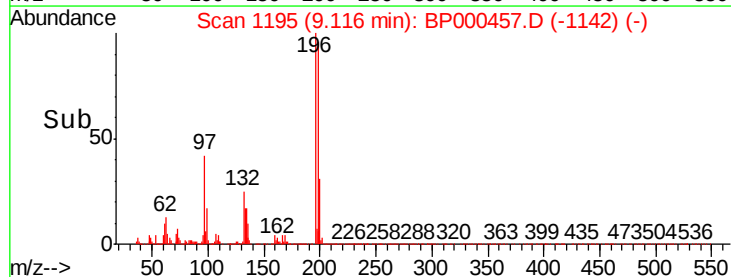
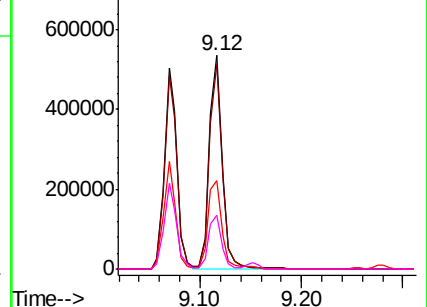


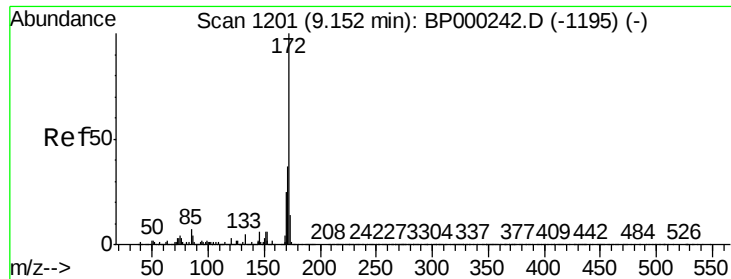
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

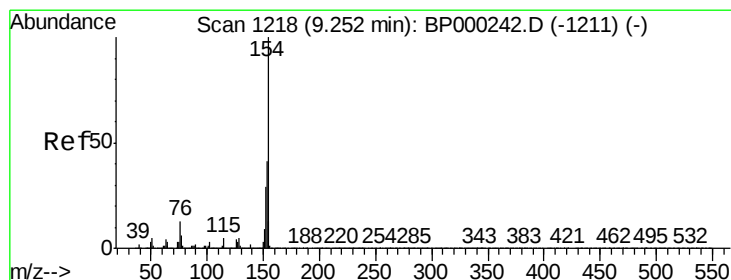
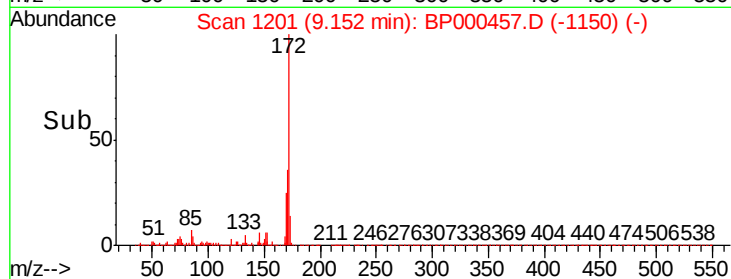
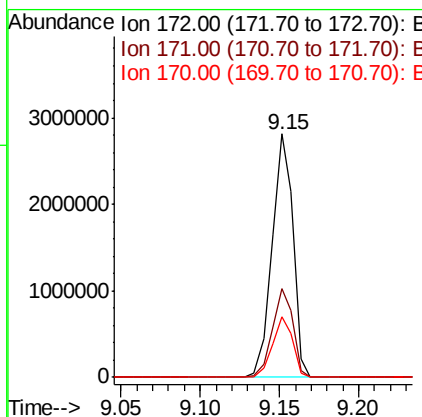
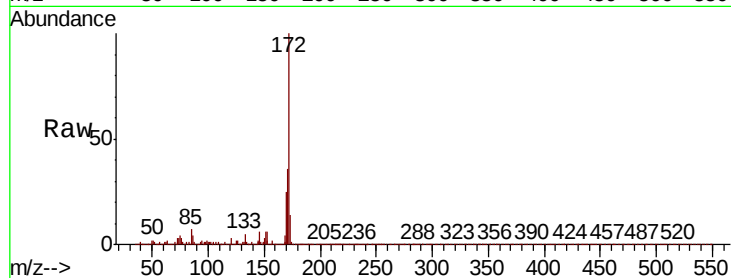




#45
2-Fluorobiphenyl
Concen: 103.944 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

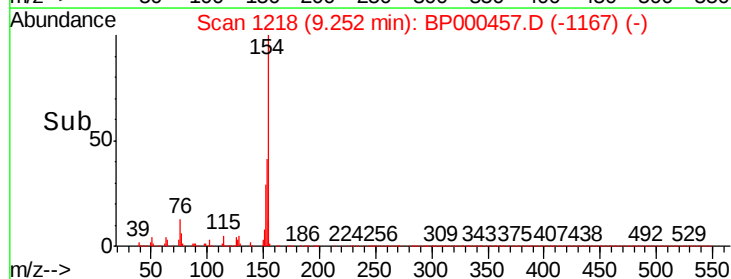
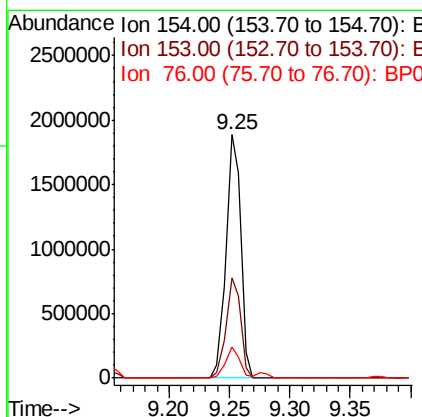
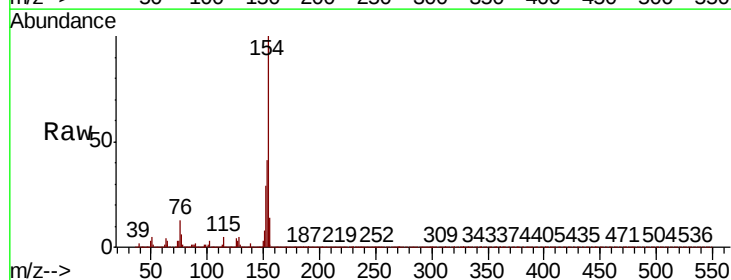
Instrument :
BNA_P
ClientSampleId :

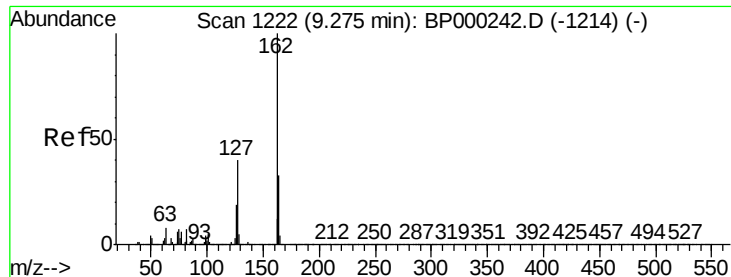
Tot Ion:172 Resp: 2587092
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 51.391 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:154 Resp: 1592559
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 12.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 47.830 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

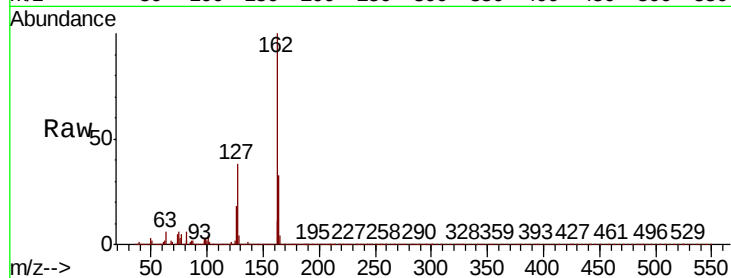
Instrument :

BNA_P

ClientSampleId :

Tot Ion:162 Resp: 1243367

Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.4	48.6
164	33.2	26.3	39.5

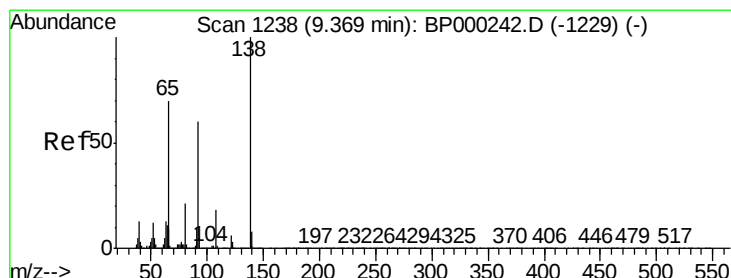
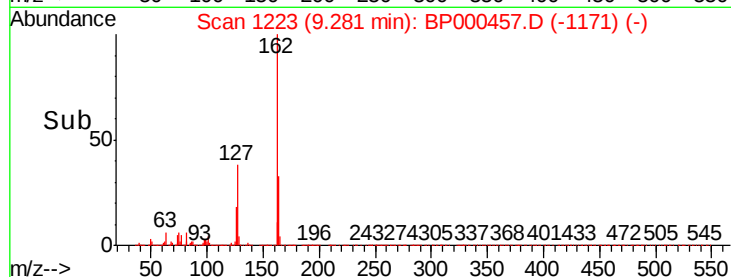
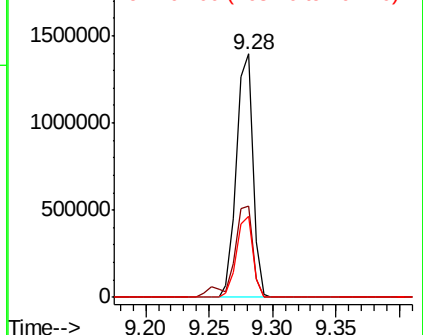


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.501 ng

RT: 9.38 min Scan# 1239

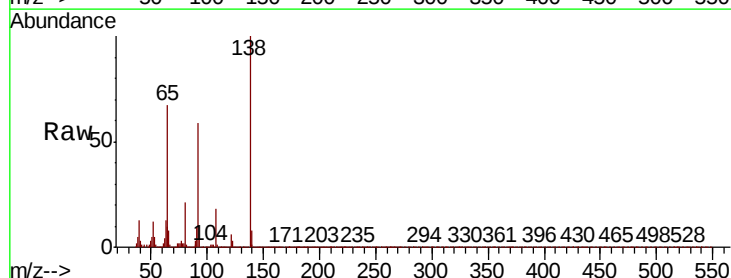
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion: 65 Resp: 300377

Ion	Ratio	Lower	Upper
65	100		
92	87.8	68.7	103.1
138	149.3	114.4	171.6

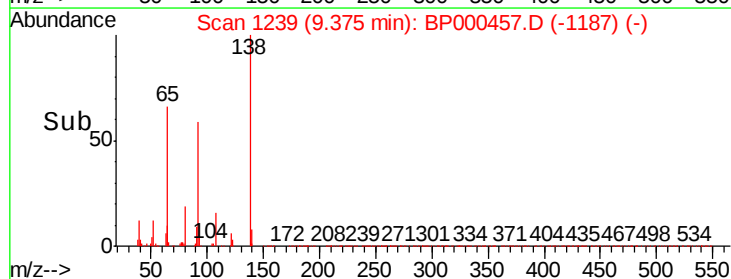
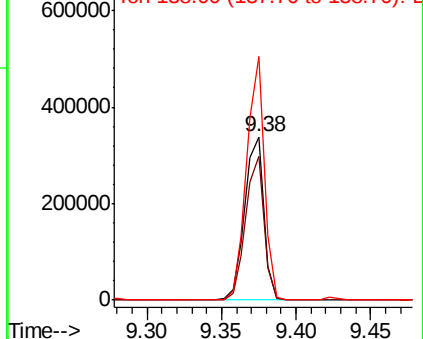


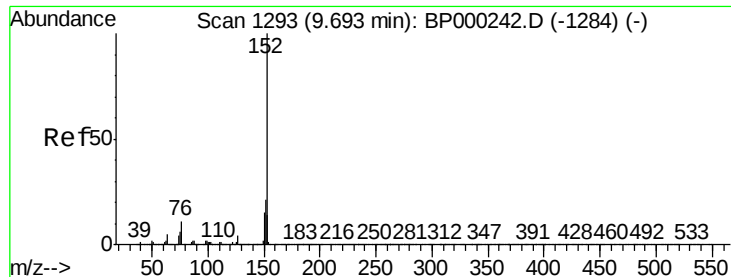
Abundance

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.467 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

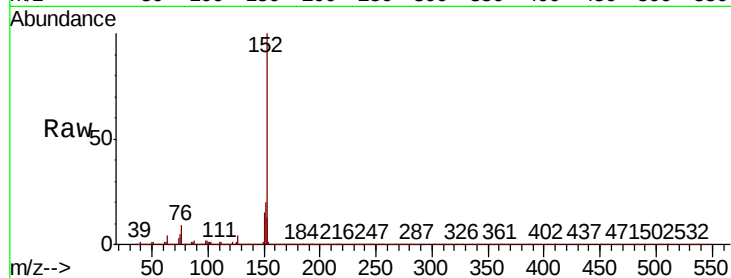
Instrument :

BNA_P

ClientSampled :

Tot Ion:152 Resp: 1972048

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.1	11.0	16.4

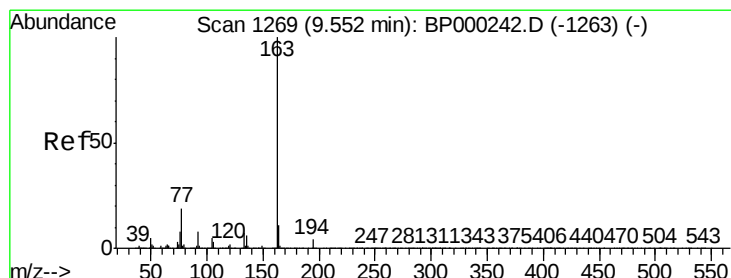
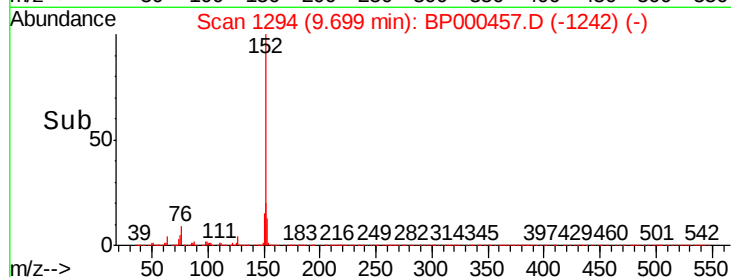
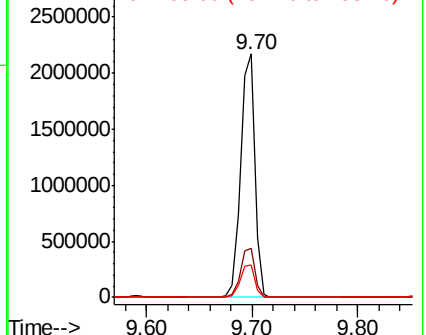


Abundance

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: 59.417 ng

RT: 9.56 min Scan# 1270

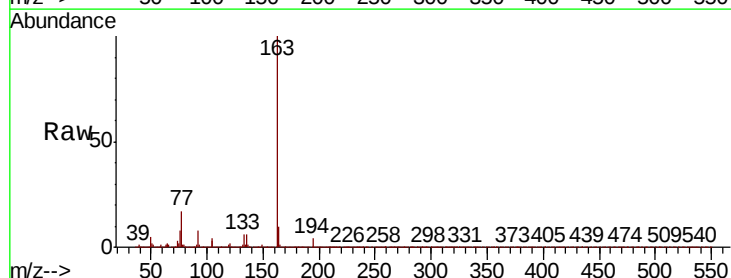
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:163 Resp: 1813405

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.5	12.7

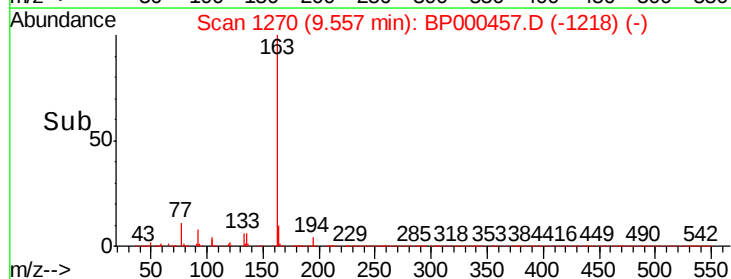
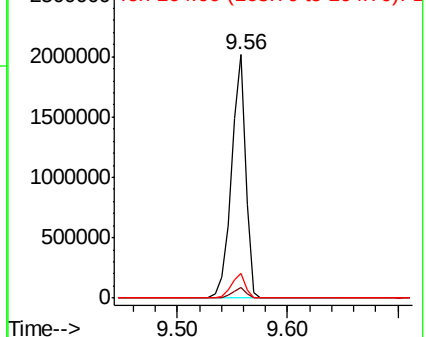


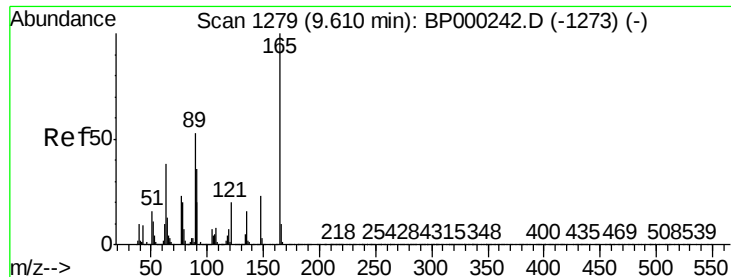
Abundance

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: 50.776 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

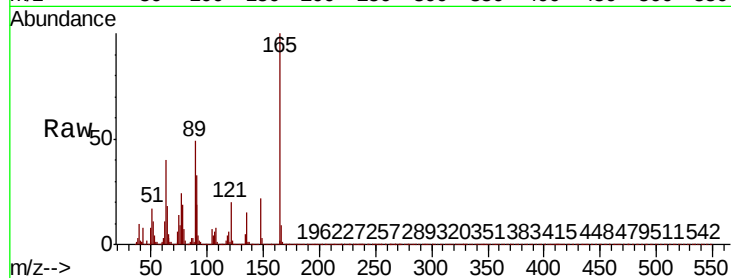
Tot Ion:165 Resp: 340740

Ion Ratio Lower Upper

165 100

63 40.3 35.8 53.8

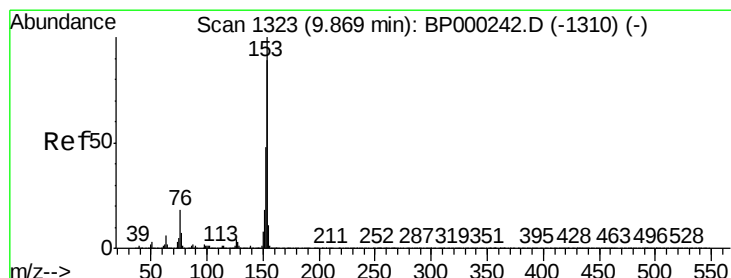
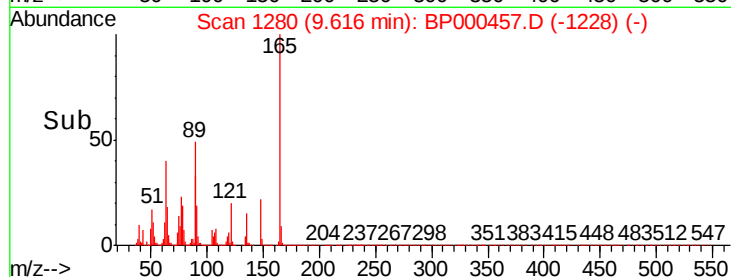
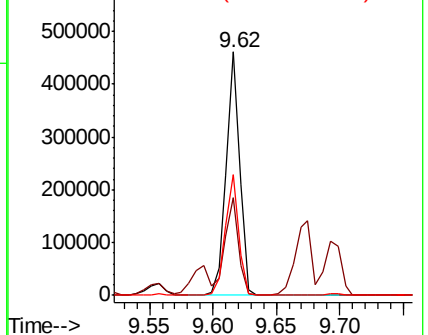
89 49.4 42.6 63.8



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: 46.517 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

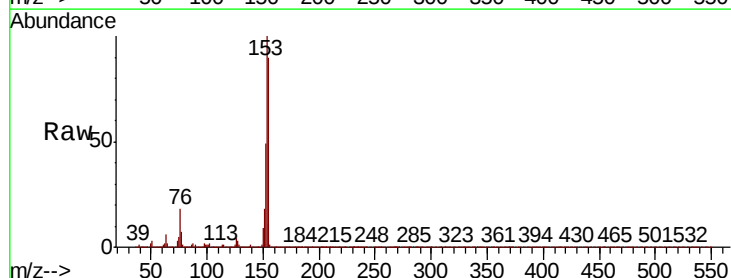
Tgt Ion:154 Resp: 1147057

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.6

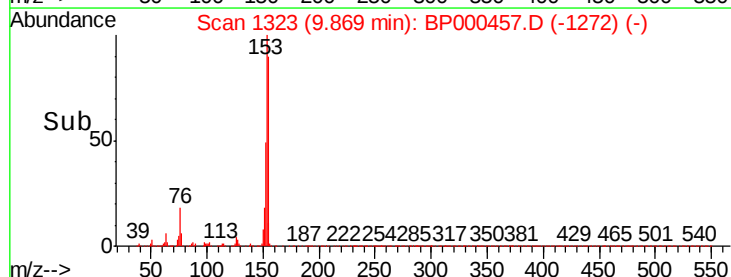
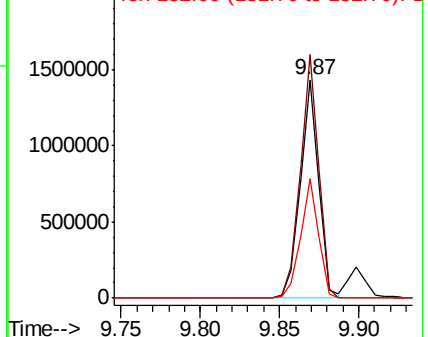
152 54.4 43.4 65.0

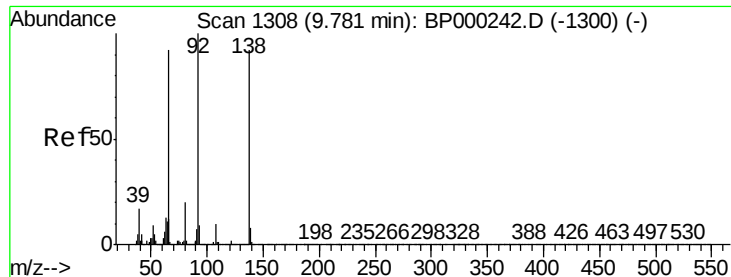


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

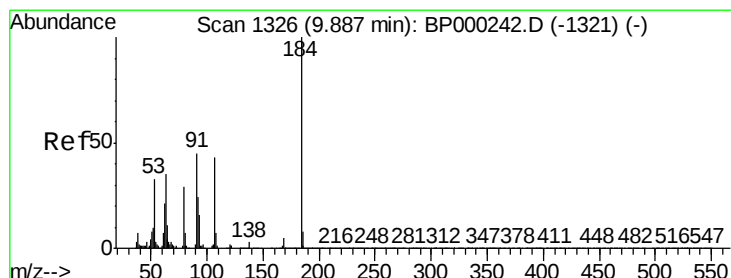
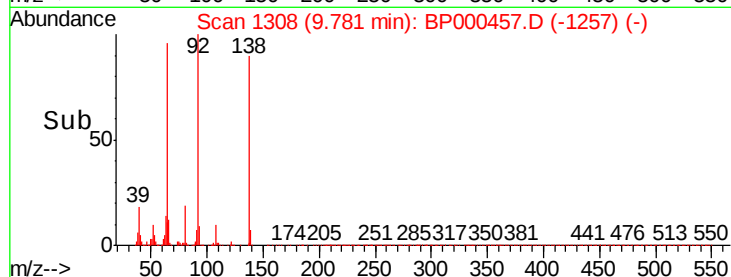
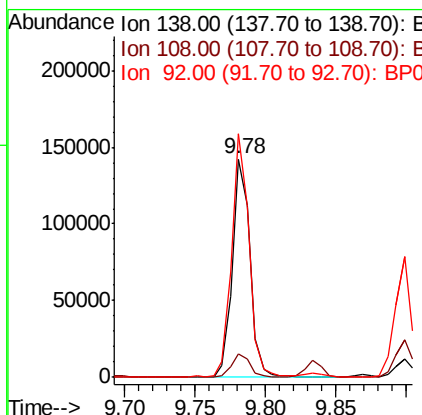
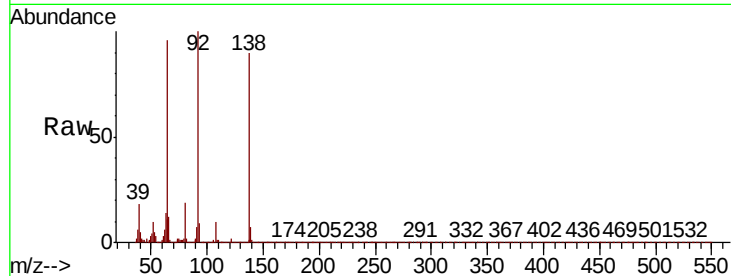




#53
3-Nitroaniline
Concen: 15.924 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

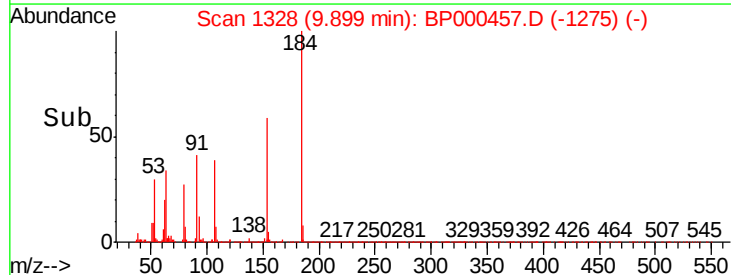
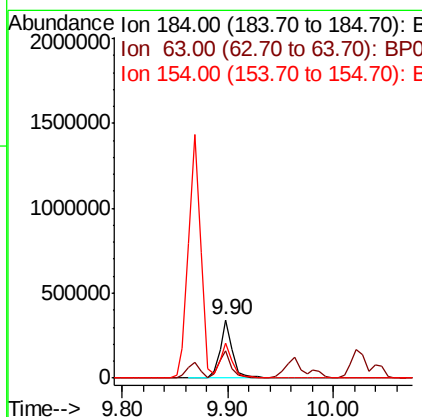
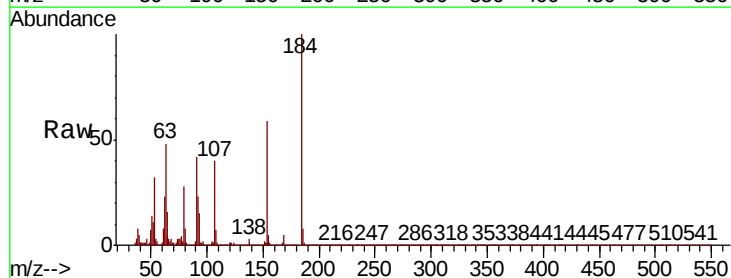
Instrument :
BNA_P
ClientSampleId :

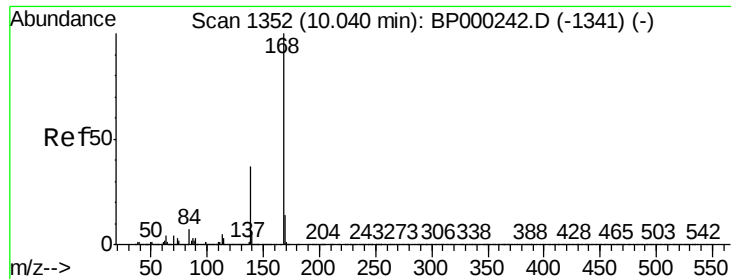
Tot Ion:138 Resp: 124036
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 111.6 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 99.070 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:184 Resp: 293721
Ion Ratio Lower Upper
184 100
63 47.7 39.5 59.3
154 59.2 48.8 73.2

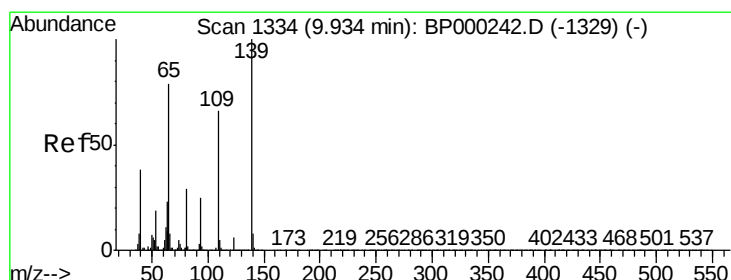
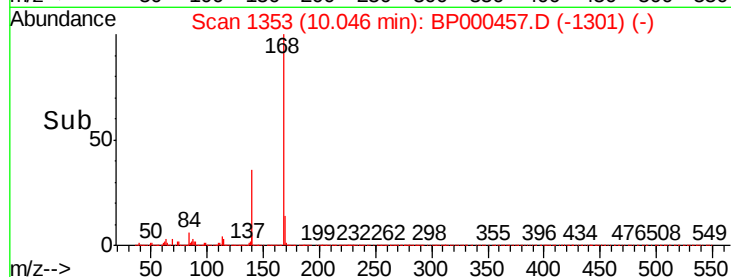
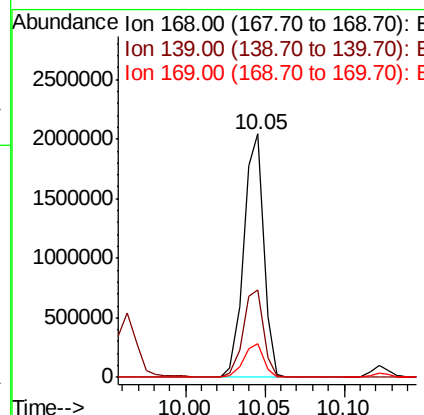
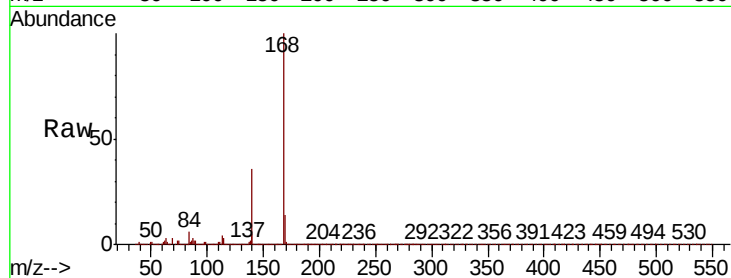




#55
Dibenzofuran
Concen: 51.095 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

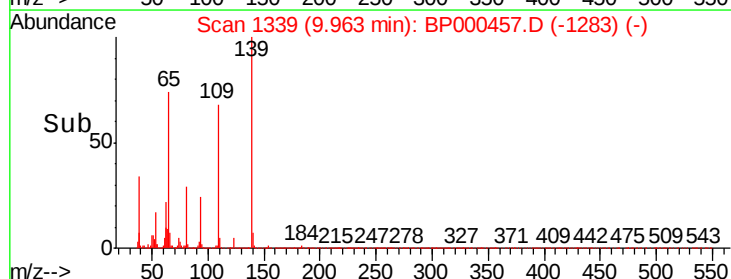
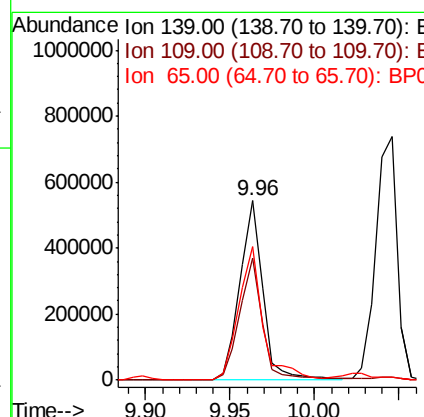
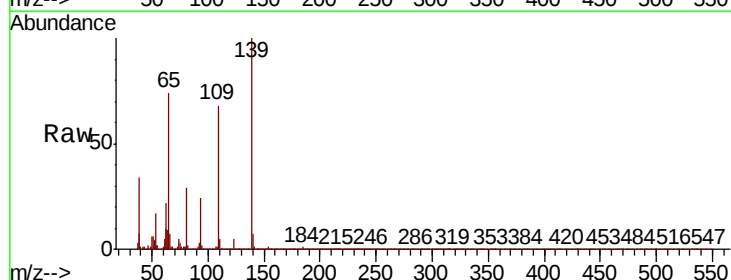
Instrument :
BNA_P
ClientSampleId :

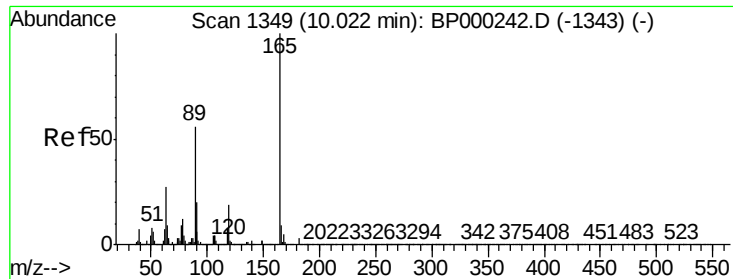
Tot Ion:168 Resp: 1781123
Ion Ratio Lower Upper
168 100
139 36.1 30.0 45.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 88.751 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:139 Resp: 514178
Ion Ratio Lower Upper
139 100
109 68.0 46.2 86.2
65 74.3 59.4 99.4

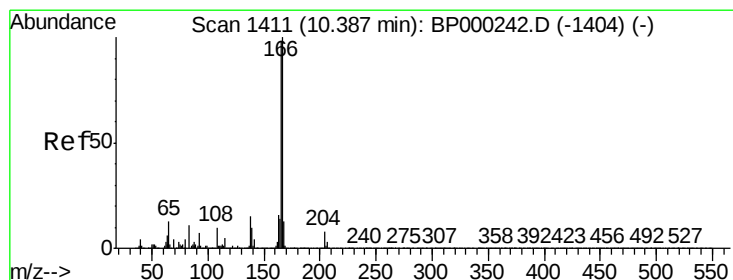
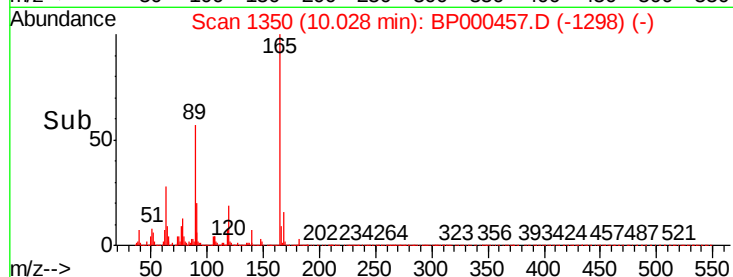
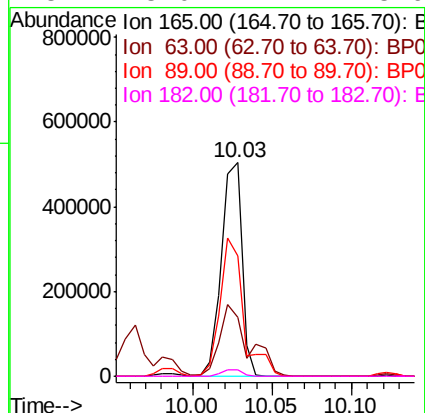
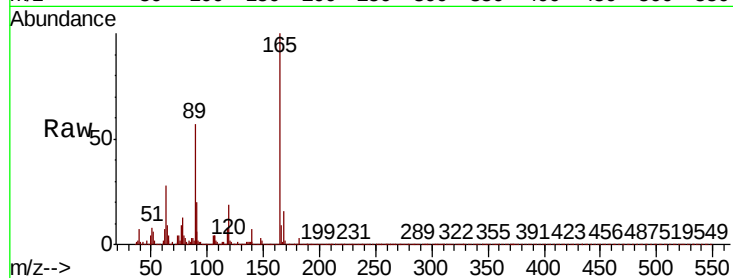




#57
2,4-Dinitrotoluene
Concen: 51.638 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

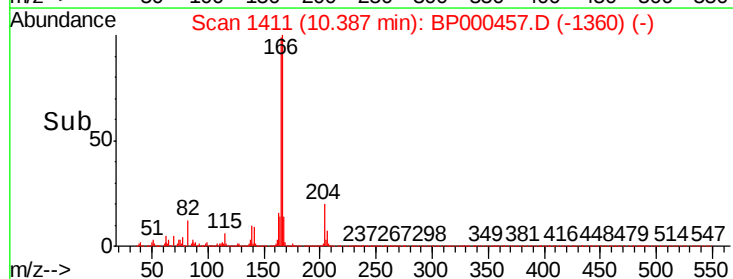
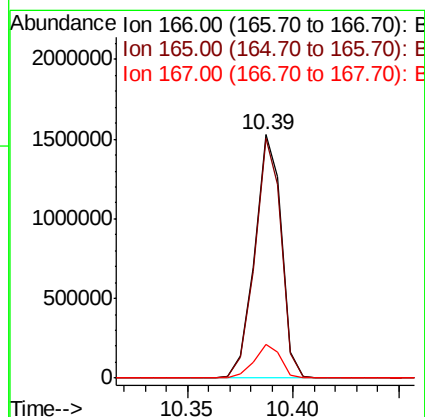
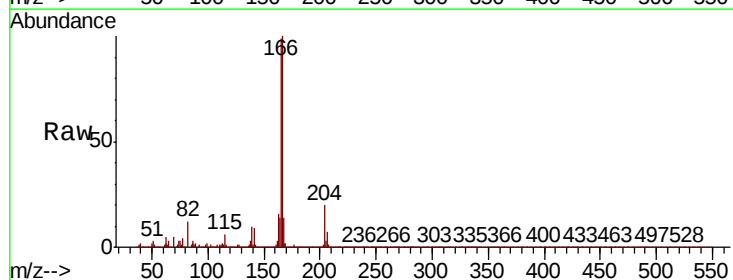
Instrument :
BNA_P
ClientSampleId :

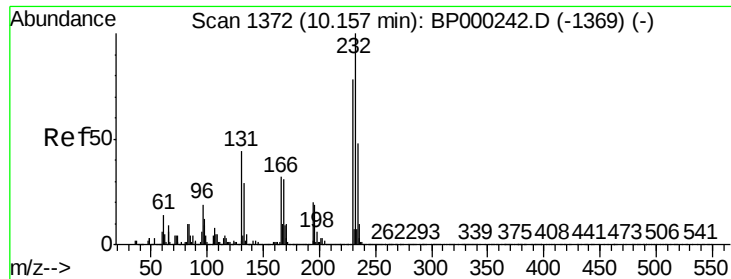
Tot Ion	Ratio	Lower	Upper
165	100		
63	27.6	21.7	32.5
89	56.6	45.0	67.6
182	3.0	2.4	3.6



#58
Fluorene
Concen: 49.967 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.2
167	13.8	10.7	16.1

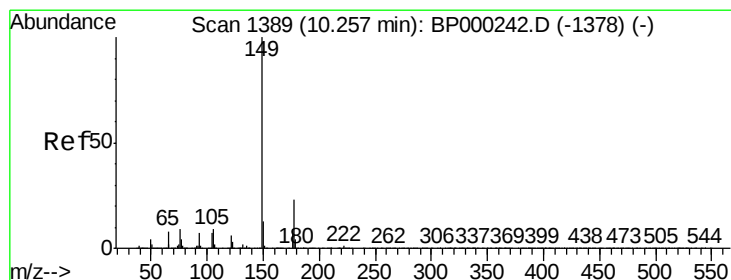
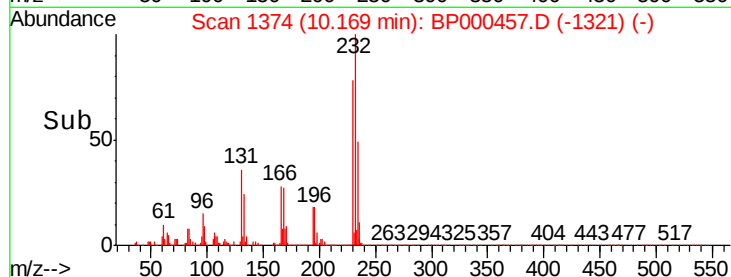
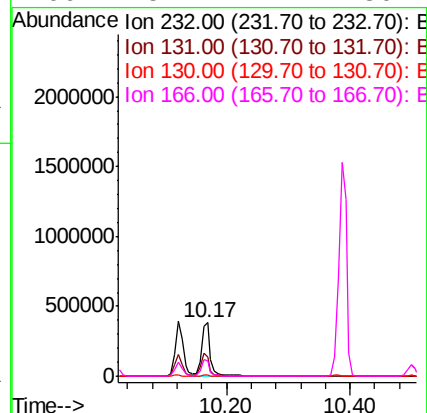
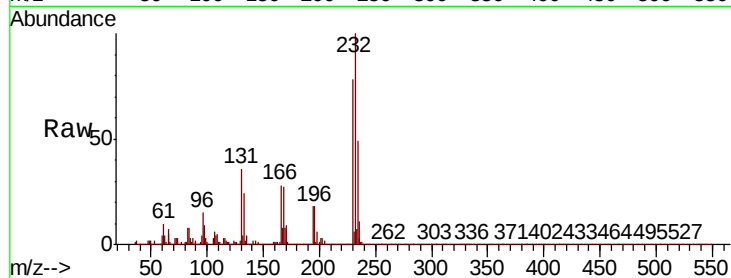




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.838 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

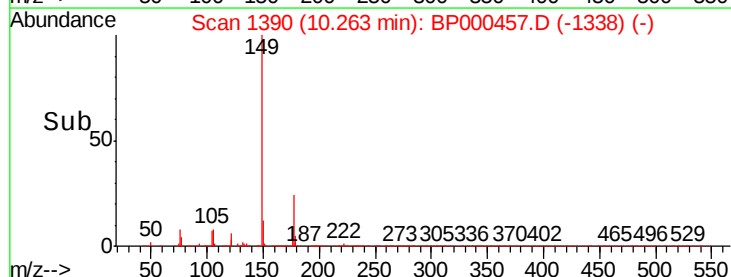
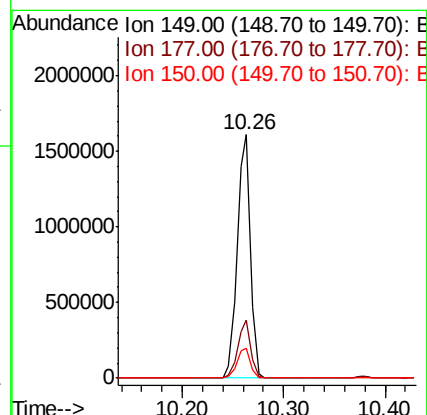
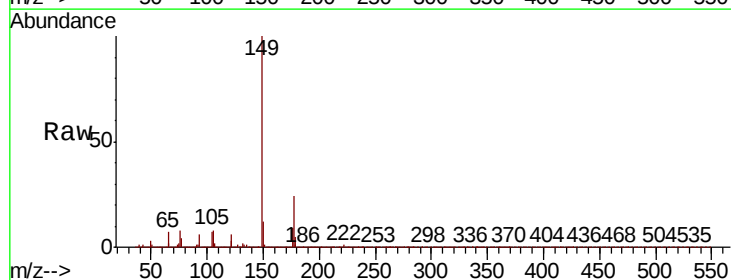
Instrument :
BNA_P
ClientSampled :

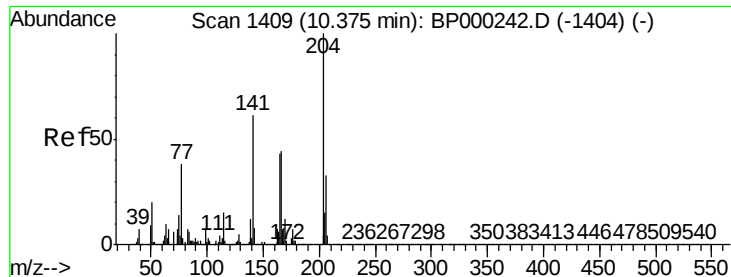
Tot Ion:232	Resp:	394560
Ion Ratio	Lower	Upper
232	100	
131	39.2	33.6 50.4
130	2.1	1.8 2.6
166	28.4	24.2 36.2



#60
Diethylphthalate
Concen: 49.239 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:149	Resp:	1445637
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.1 27.1
150	12.5	10.3 15.5





#61

4-Chlorophenyl-phenylether

Concen: 50.245 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

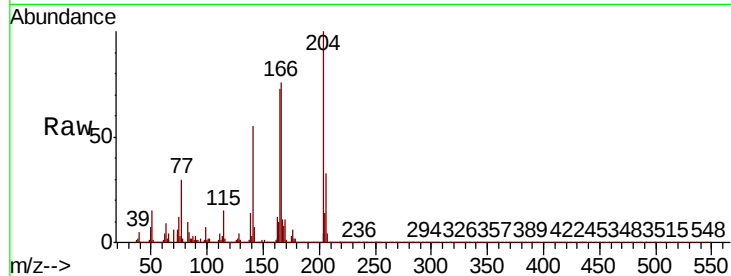
Tot Ion:204 Resp: 694434

Ion Ratio Lower Upper

204 100

206 33.3 26.3 39.5

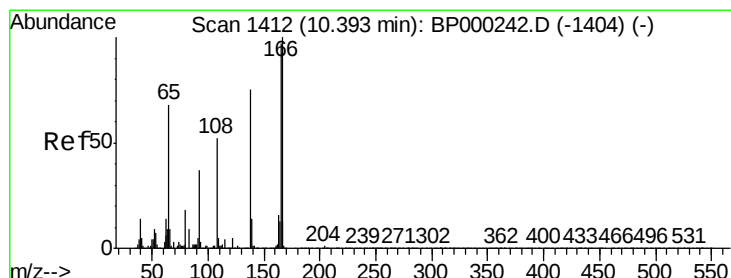
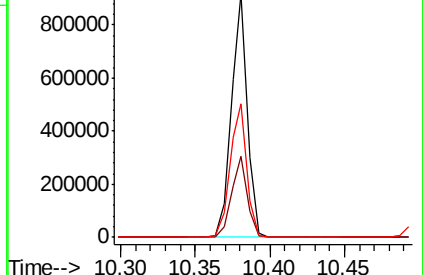
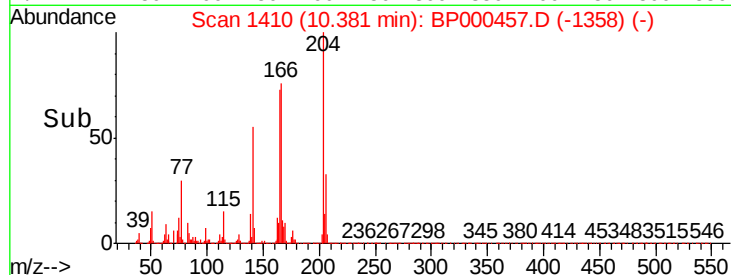
141 54.7 48.6 72.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.893 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

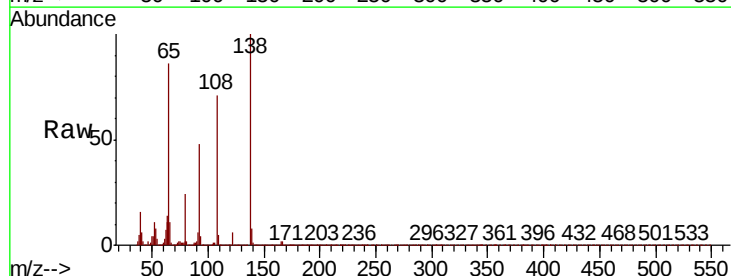
Tgt Ion:138 Resp: 343949

Ion Ratio Lower Upper

138 100

92 48.0 30.1 70.1

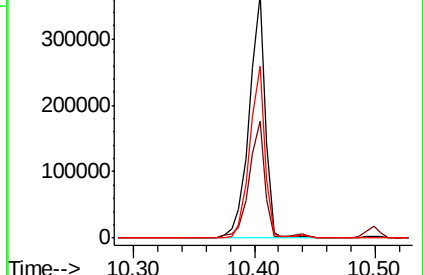
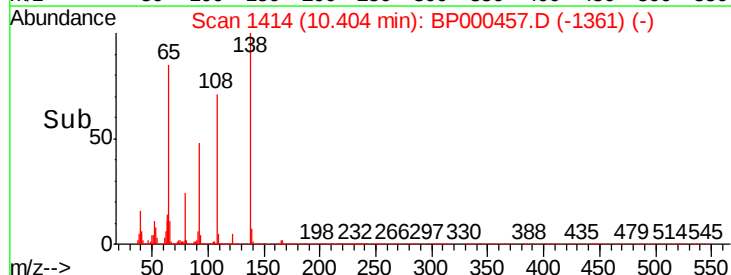
108 70.8 49.5 89.5

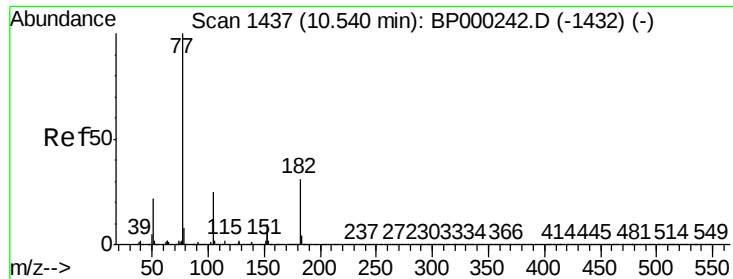


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

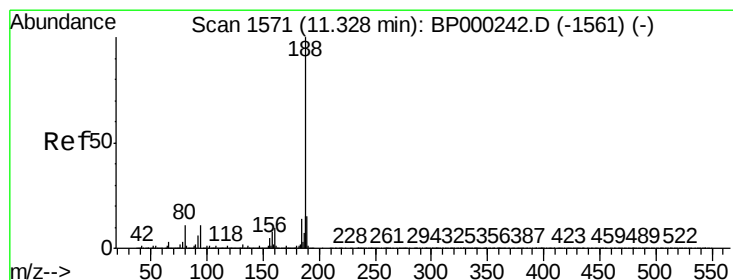
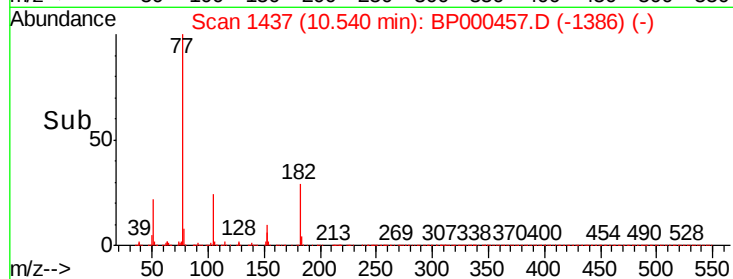
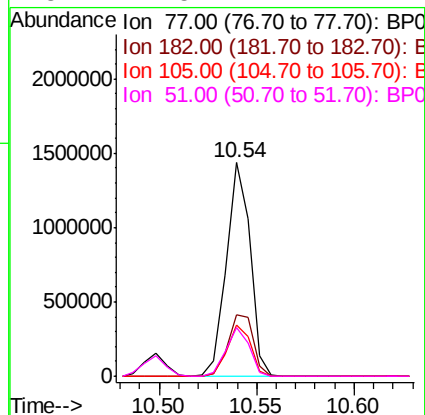
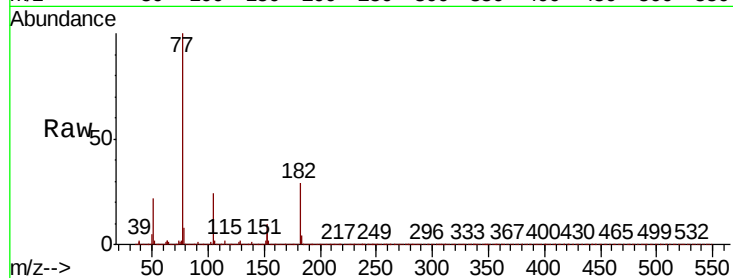




#63
Azobenzene
Concen: 48.688 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

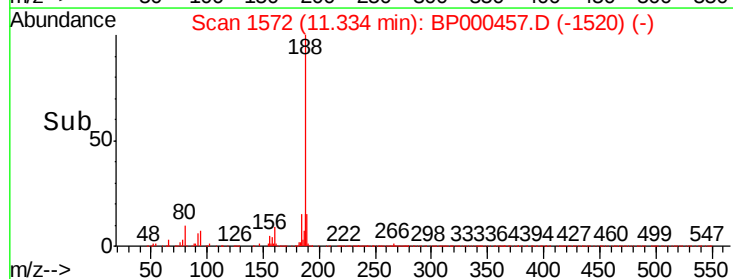
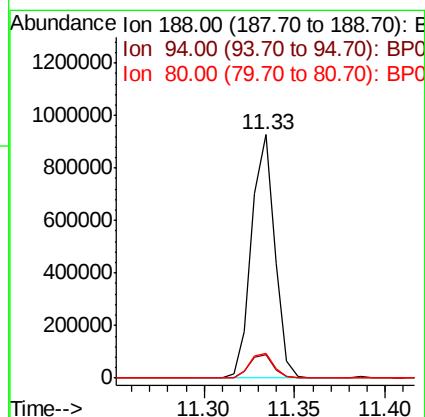
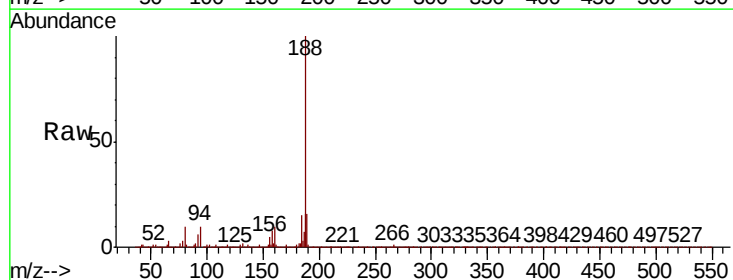
Instrument :
BNA_P
ClientSampled :

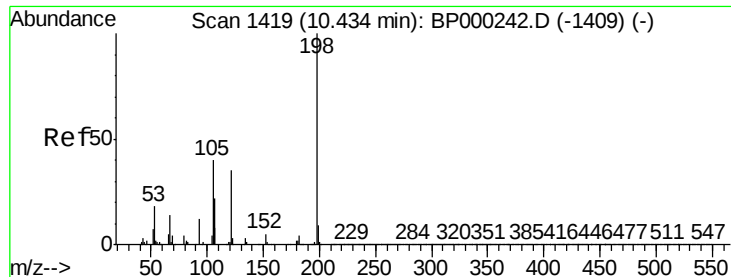
Tot Ion: 77 Resp: 1211035
Ion Ratio Lower Upper
77 100
182 28.9 11.1 51.1
105 24.1 4.7 44.7
51 22.5 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:188 Resp: 823909
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.0 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 52.572 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

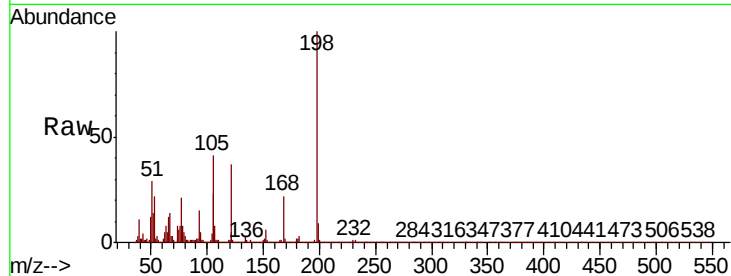
Tot Ion:198 Resp: 203668

Ion Ratio Lower Upper

198 100

51 28.6 7.4 47.4

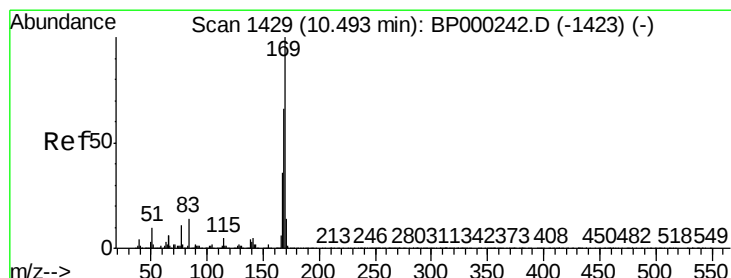
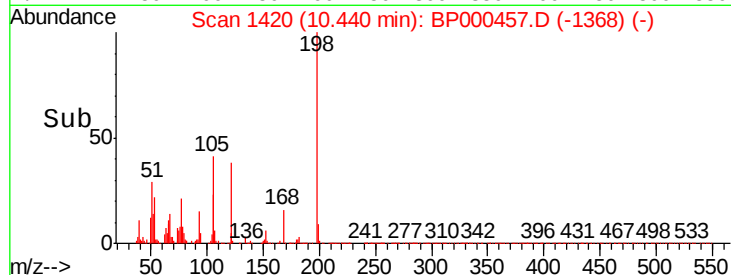
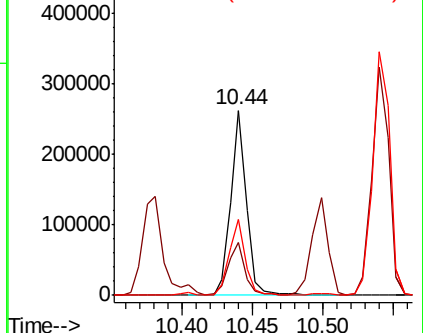
105 40.9 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.348 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

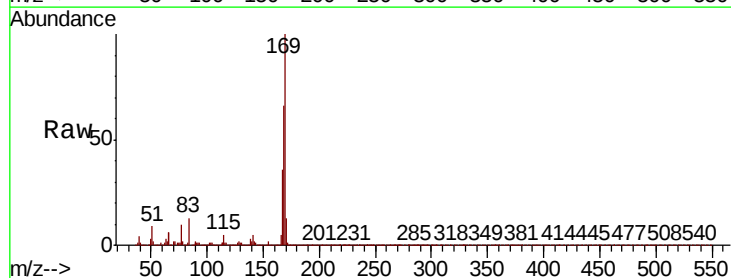
Tgt Ion:169 Resp: 1223960

Ion Ratio Lower Upper

169 100

168 65.9 52.9 79.3

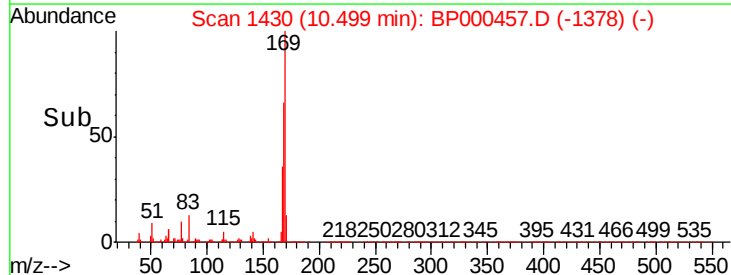
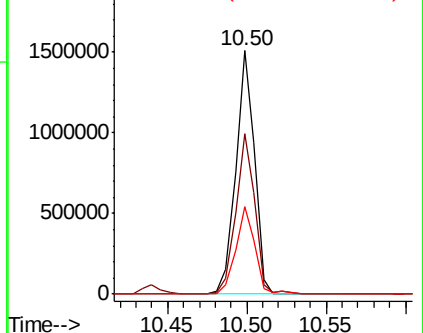
167 36.0 29.0 43.6

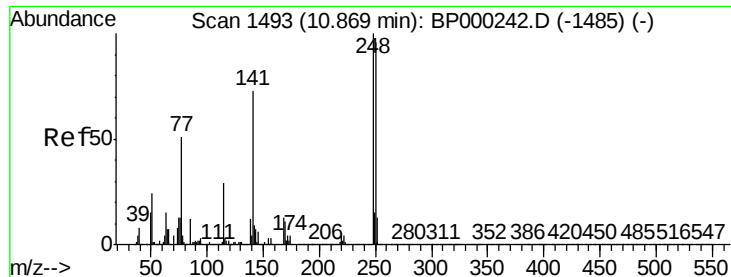


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

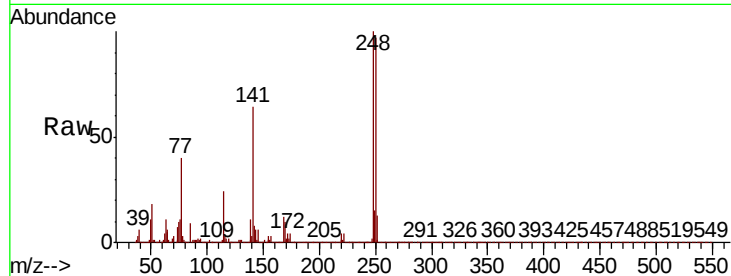




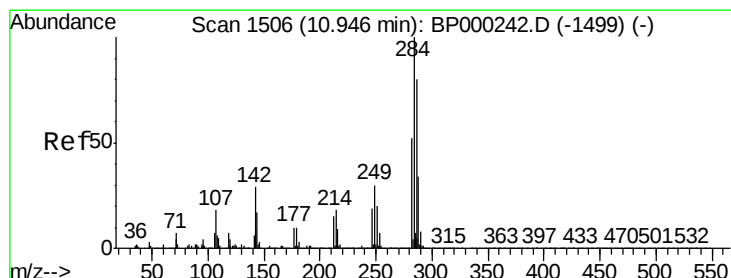
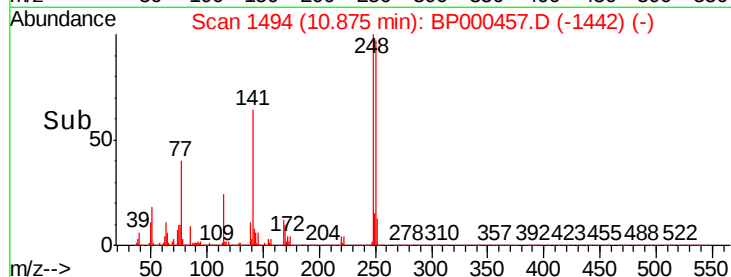
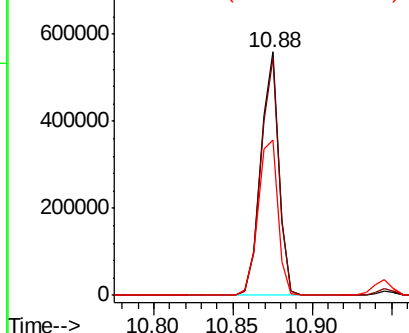
#67
4-Bromophenyl-phenylether
Concen: 47.953 ng
RT: 10.88 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 446770
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 63.8 58.5 87.7

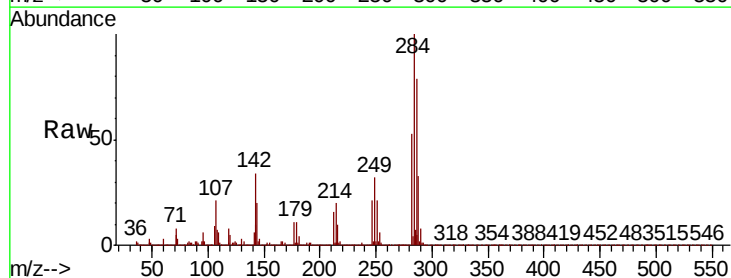


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

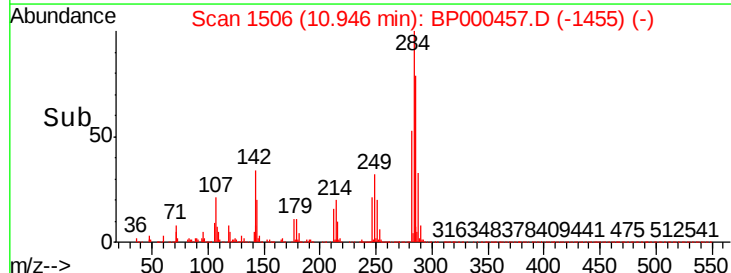
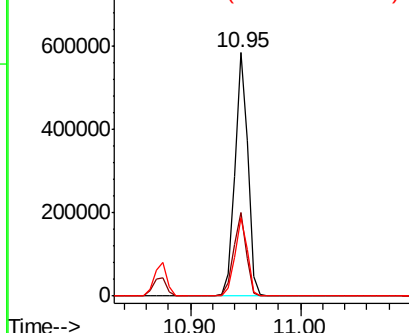


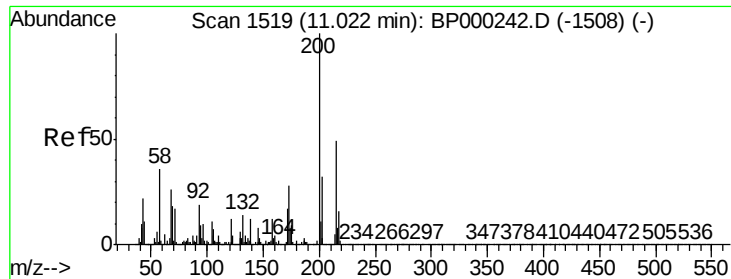
#68
Hexachlorobenzene
Concen: 46.904 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:284 Resp: 477745
Ion Ratio Lower Upper
284 100
142 34.5 23.6 35.4
249 32.1 24.3 36.5



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





#69

Atrazine

Concen: Below Cal

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

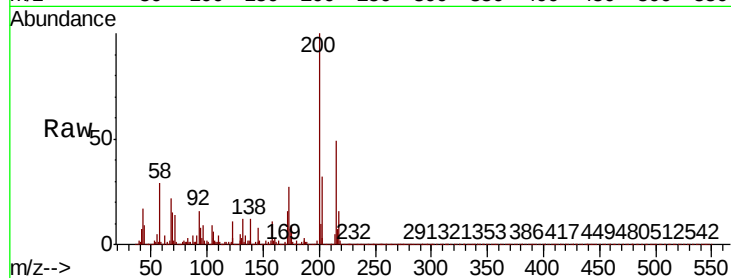
Tot Ion:200 Resp: 381420

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

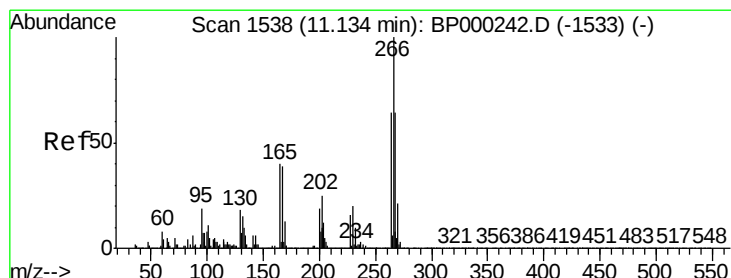
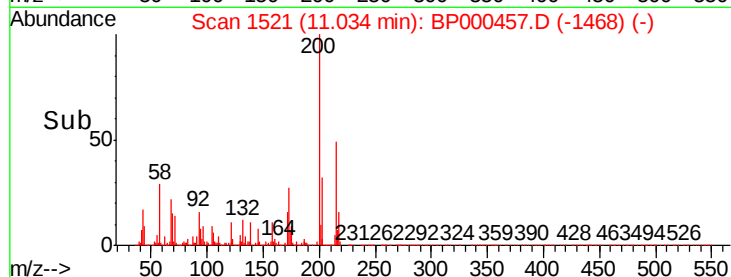
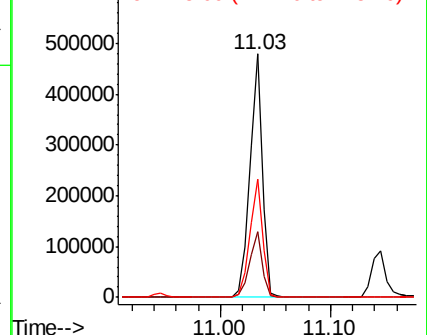
215 48.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.901 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

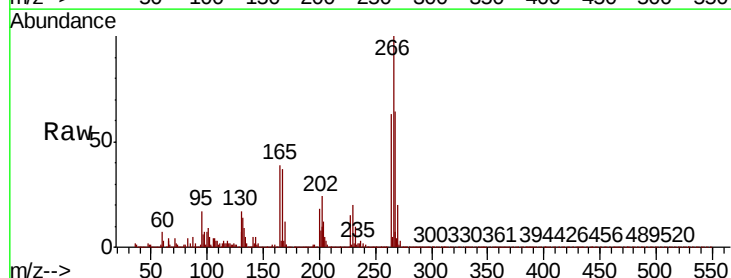
Tgt Ion:266 Resp: 493172

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

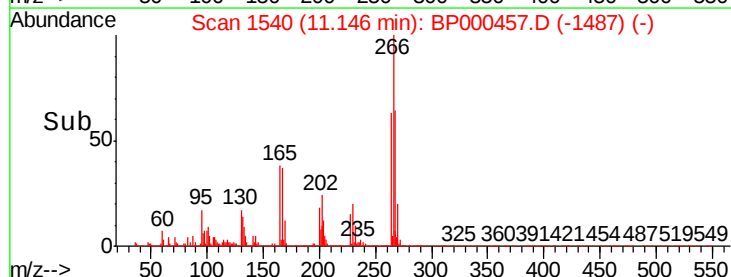
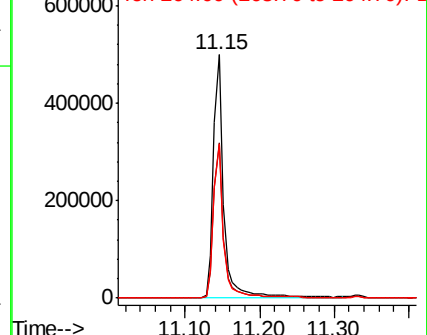
264 63.2 50.8 76.2

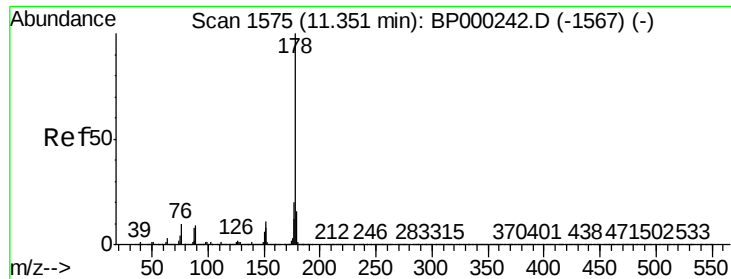


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

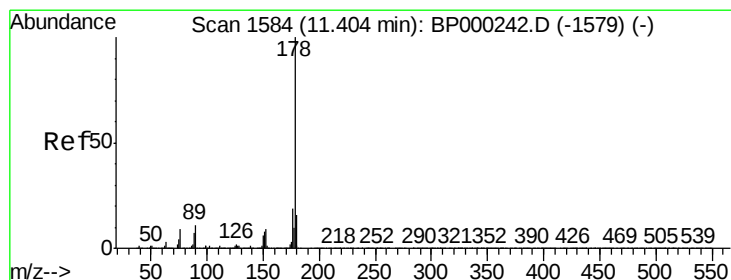
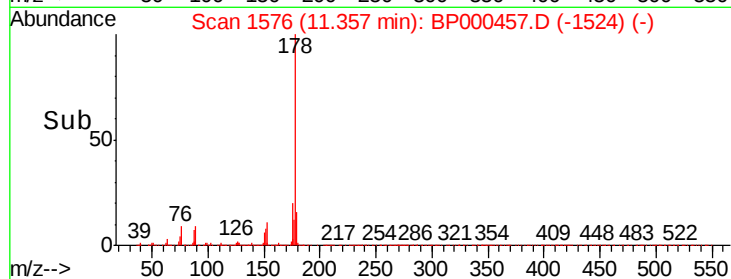
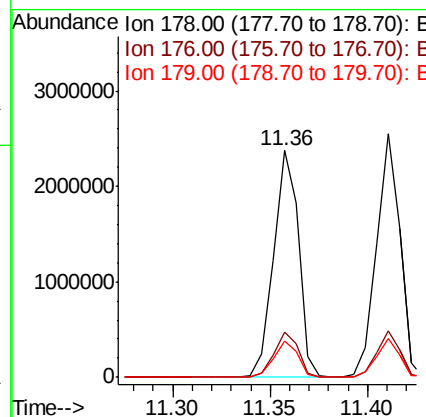
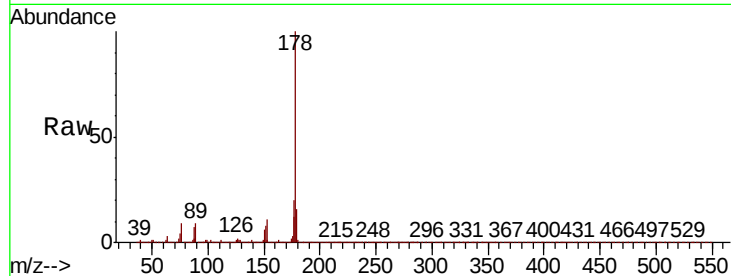




#71
Phenanthrene
Concen: 50.729 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

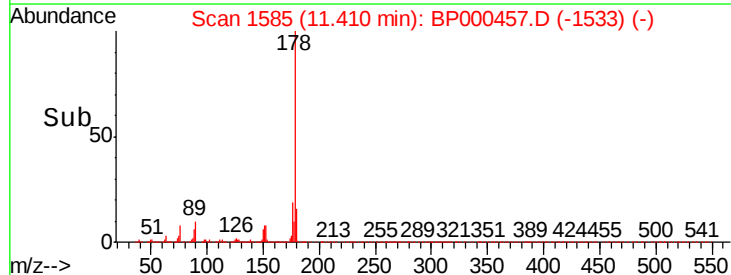
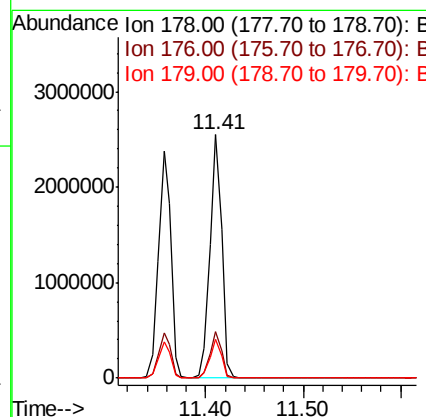
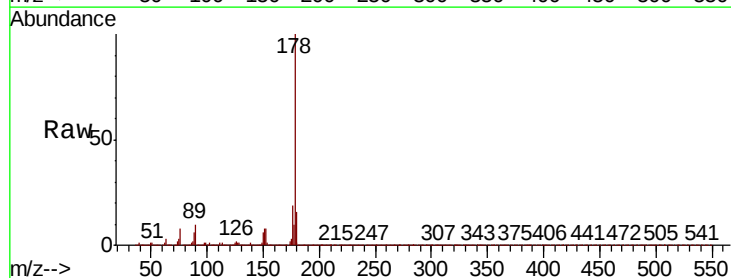
Instrument :
BNA_P
ClientSampleId :

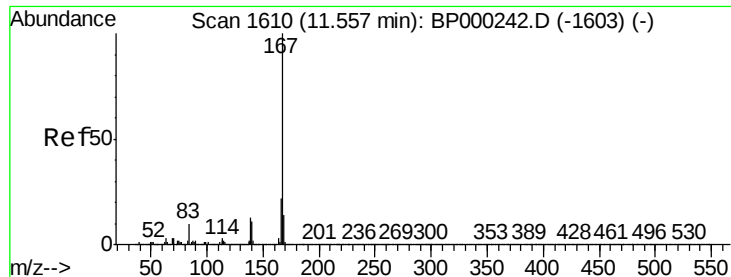
Tot Ion:178 Resp: 2094510
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.9 12.7 19.1



#72
Anthracene
Concen: 50.127 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:178 Resp: 2130310
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.2 12.7 19.1





#73

Carbazole

Concen: 51.162 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

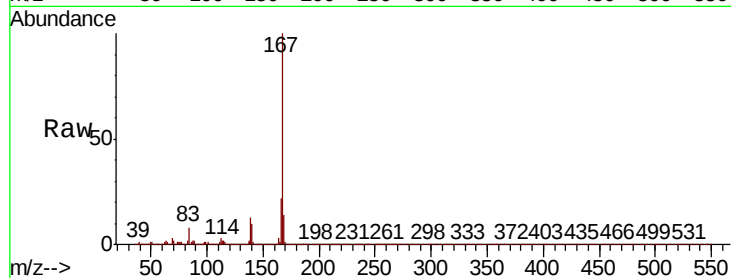
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 1958110

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	12.9	10.8	16.2

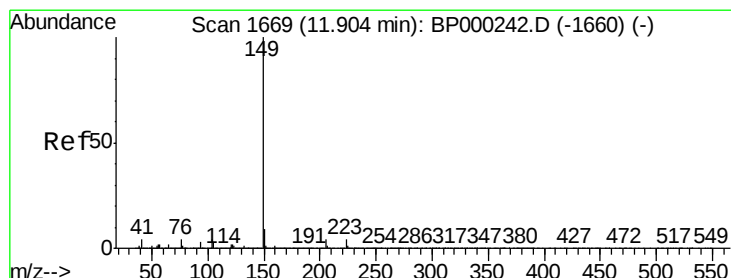
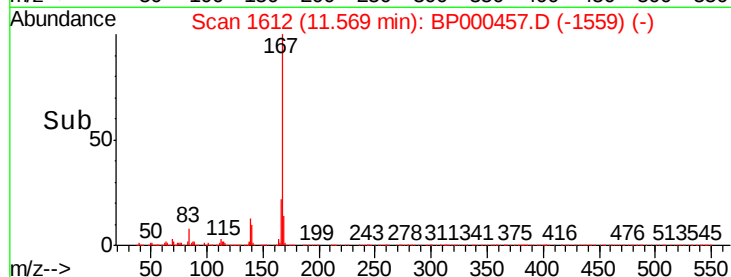
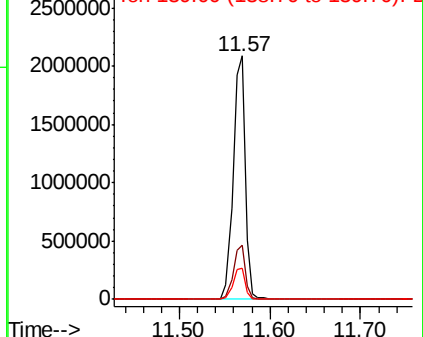


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.175 ng

RT: 11.90 min Scan# 1669

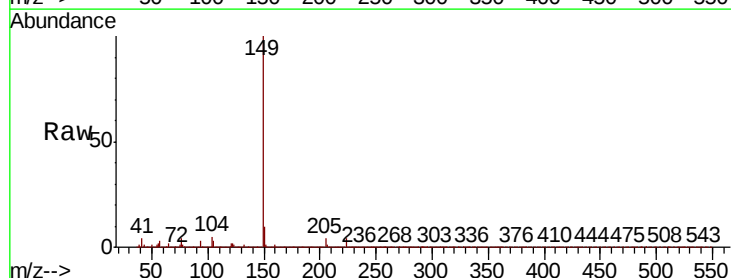
Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:149 Resp: 2333808

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.9	3.5	5.3

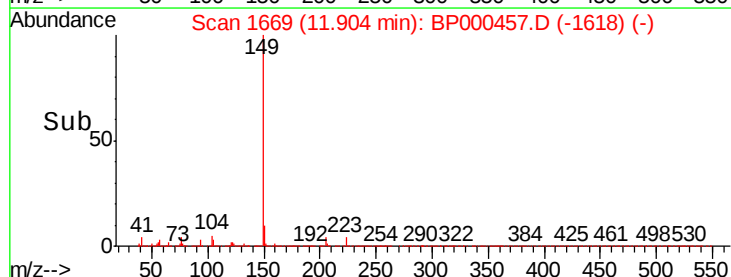
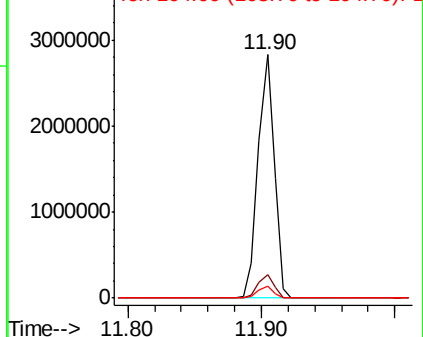


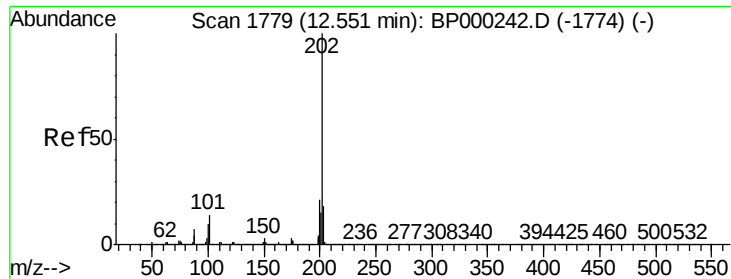
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.095 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

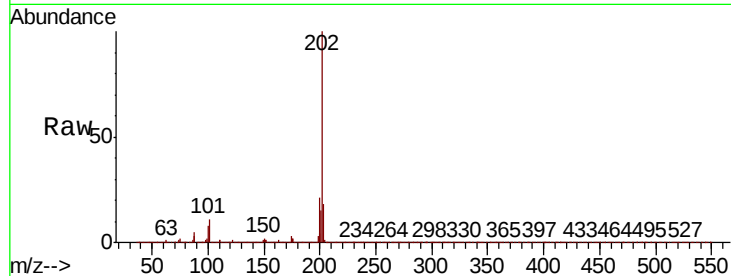
Tot Ion:202 Resp: 2353937

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.9

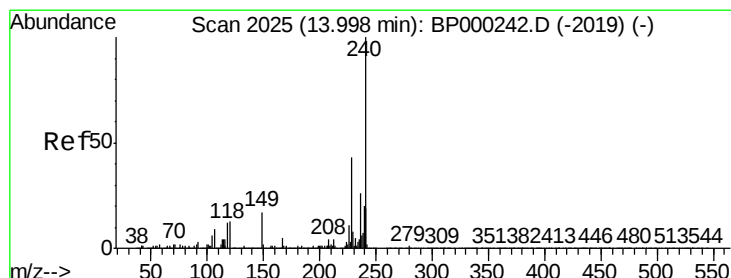
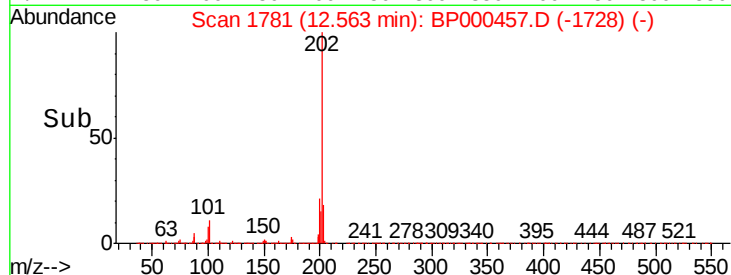
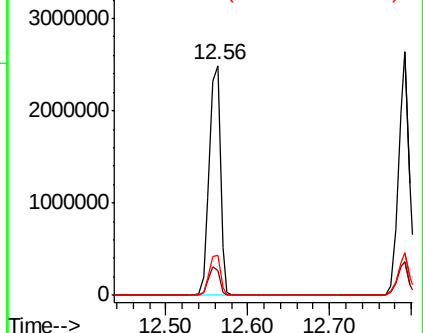
203 17.6 0.0 38.0



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: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

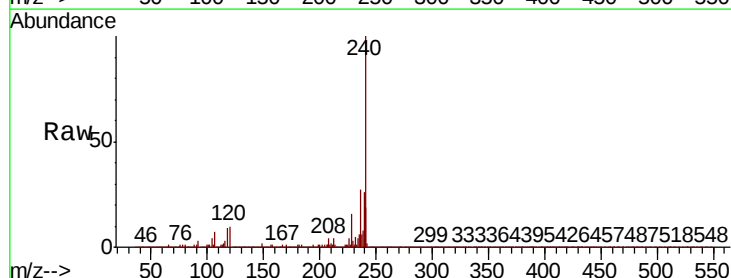
Tgt Ion:240 Resp: 667554

Ion Ratio Lower Upper

240 100

120 10.0 10.4 15.6#

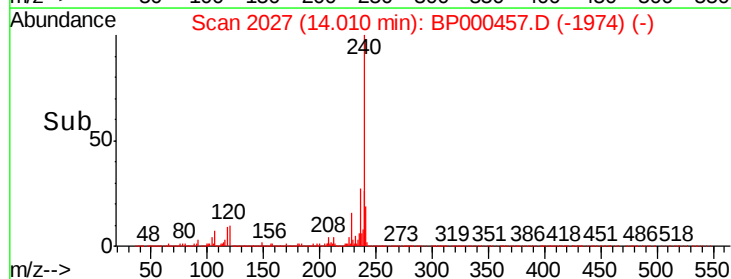
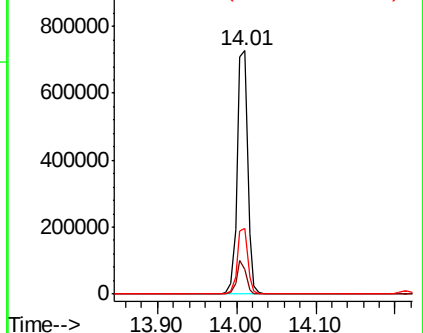
236 26.7 21.0 31.6

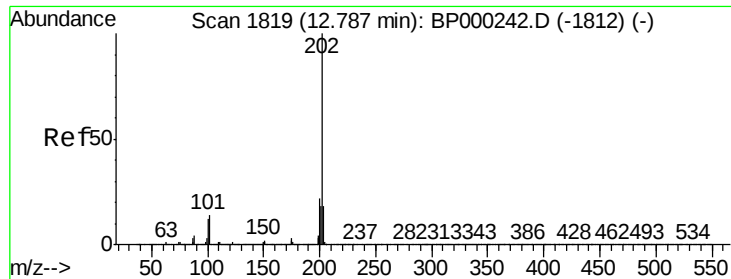


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

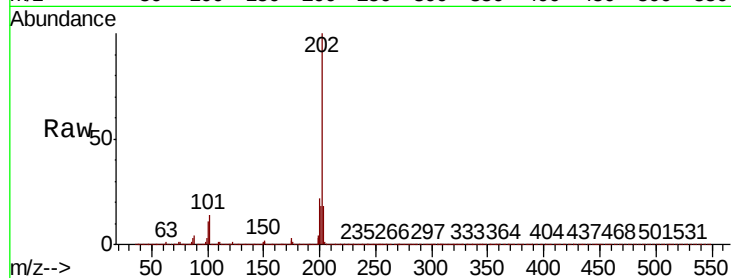




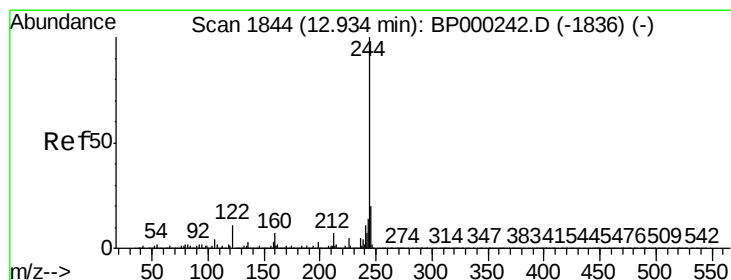
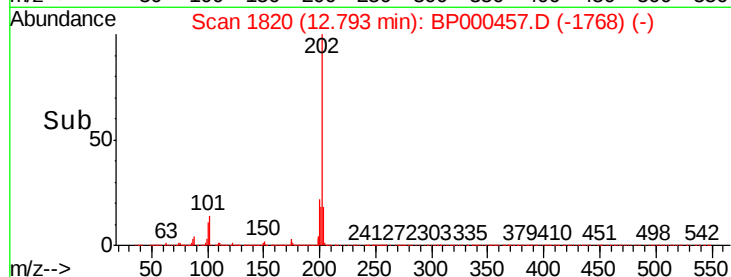
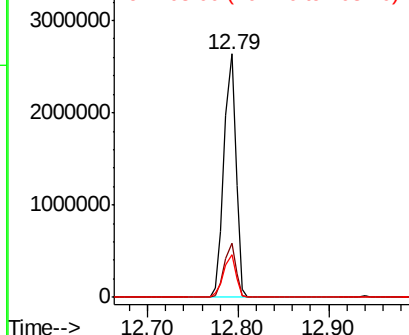
#78
Pvrene
Concen: 47.914 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:202 Resp: 2393027
Ion Ratio Lower Upper
202 100
200 22.1 17.5 26.3
203 17.7 14.3 21.5

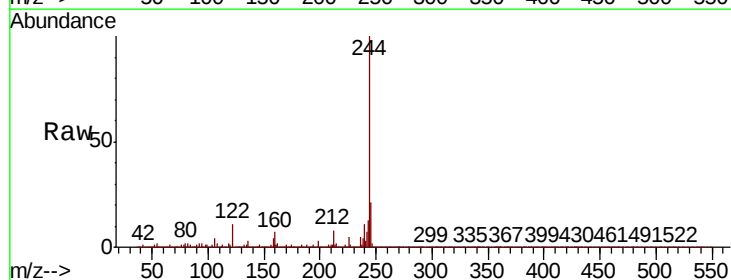


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

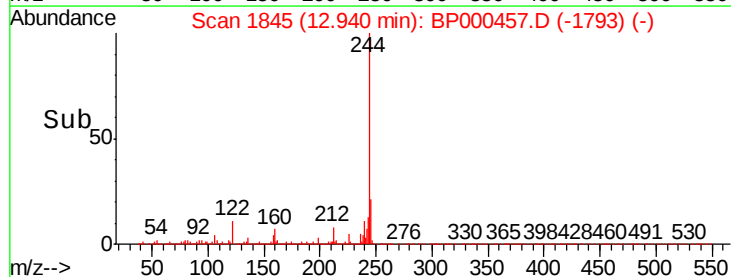
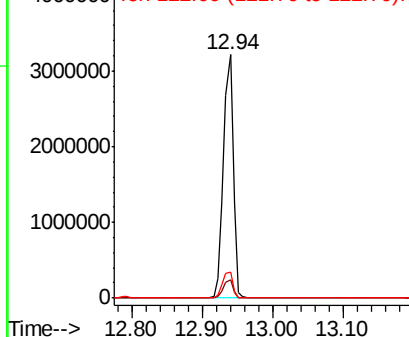


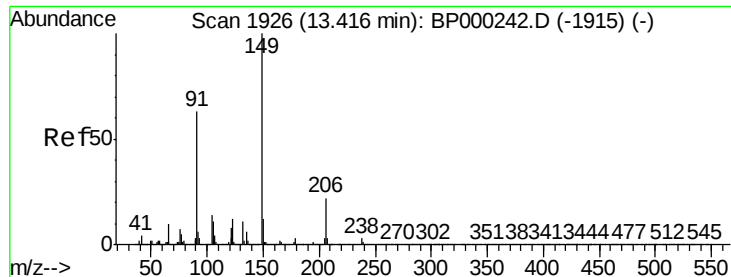
#79
Terphenyl-d14
Concen: 97.777 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:244 Resp: 3111350
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 10.6 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

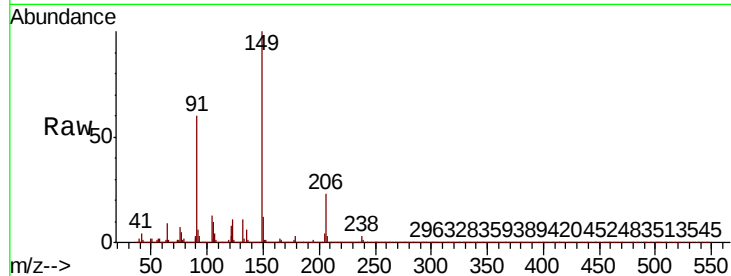




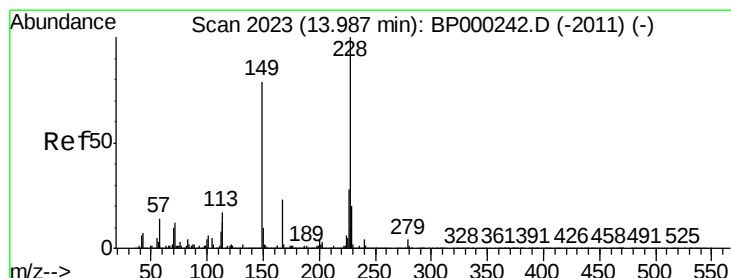
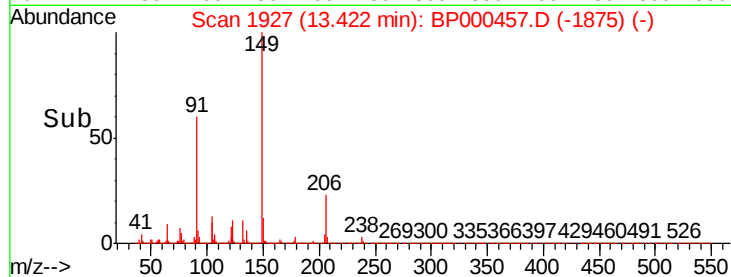
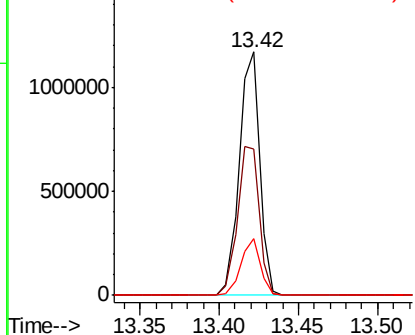
#80
Butylbenzylphthalate
Concen: 45.813 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:149 Resp: 1051368
Ion Ratio Lower Upper
149 100
91 60.3 50.6 76.0
206 23.3 17.8 26.6

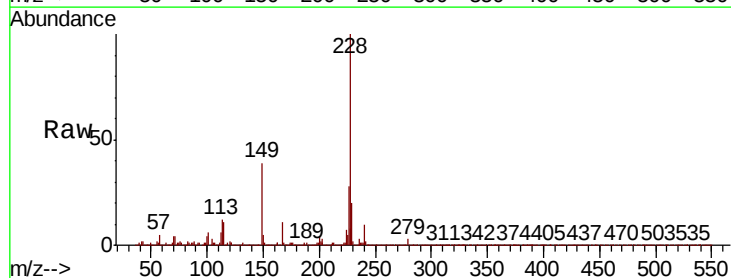


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E

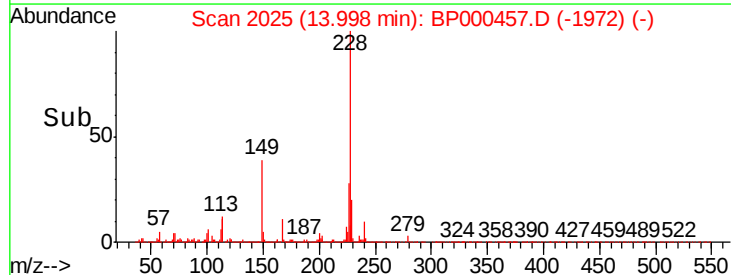
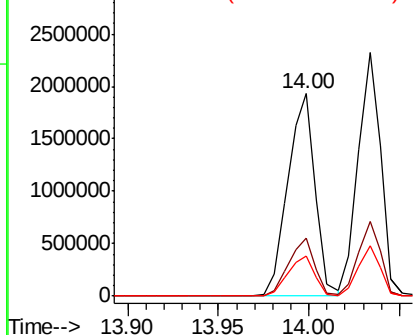


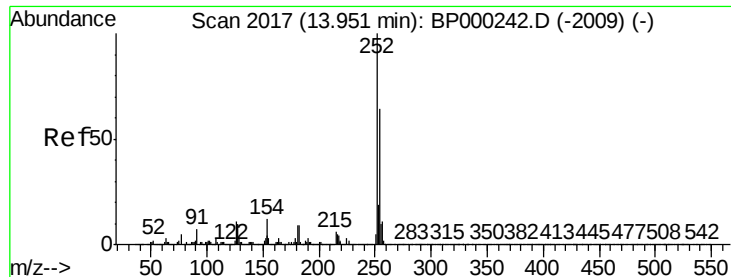
#81
Benzo(a)anthracene
Concen: 47.946 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:228 Resp: 2021774
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.4
229 20.1 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: 23.176 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

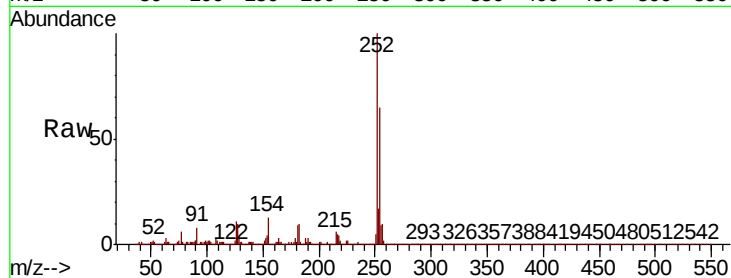
Tot Ion:252 Resp: 392767

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

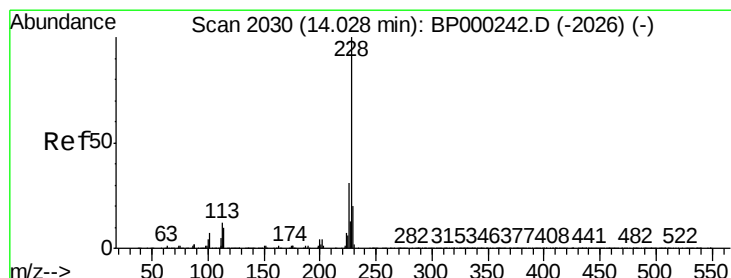
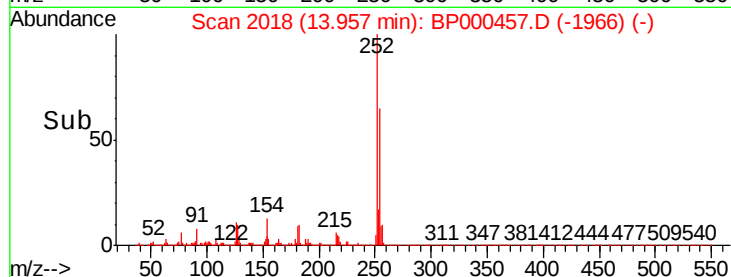
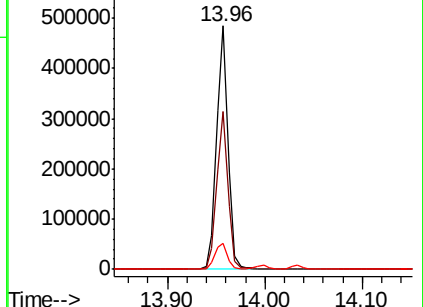
126 10.7 8.4 12.6



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: 49.085 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

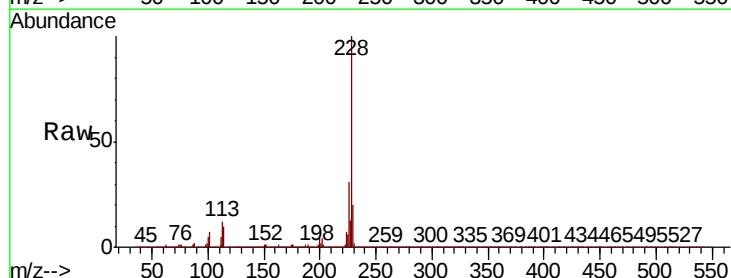
Tgt Ion:228 Resp: 2032246

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

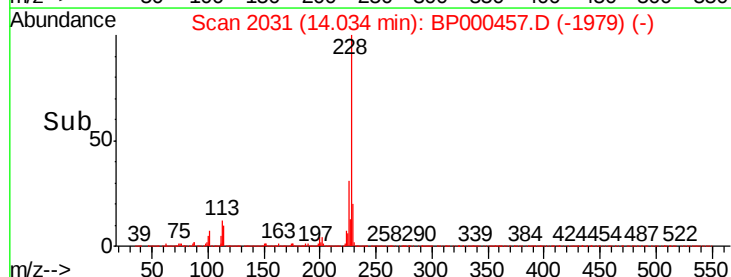
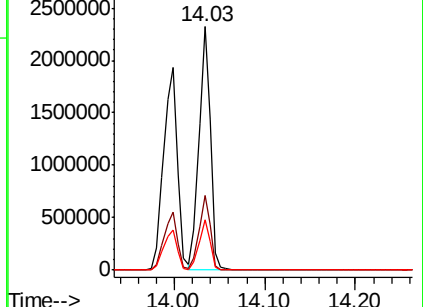
229 20.4 16.2 24.2

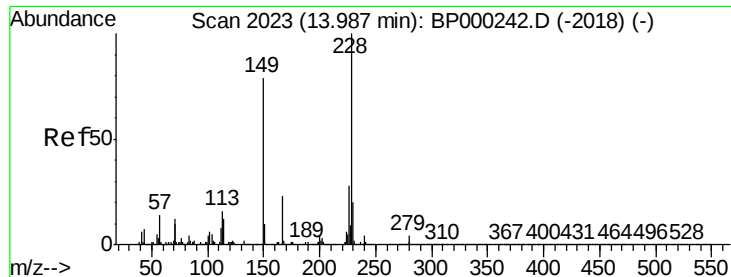


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.272 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

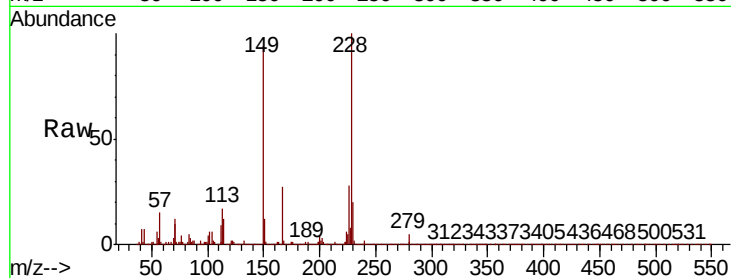
Tot Ion:149 Resp: 1357369

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

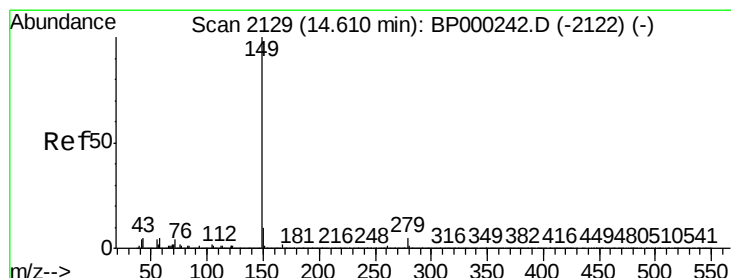
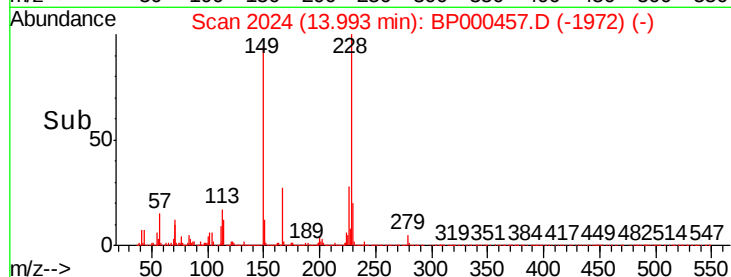
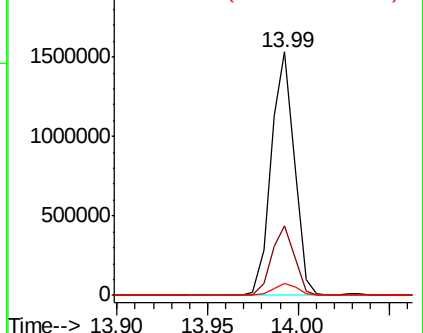
279 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 49.145 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

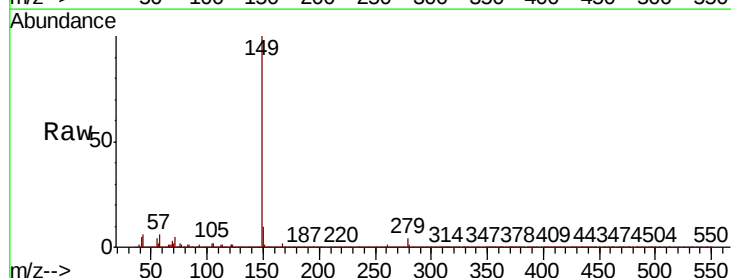
Tgt Ion:149 Resp: 2509261

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

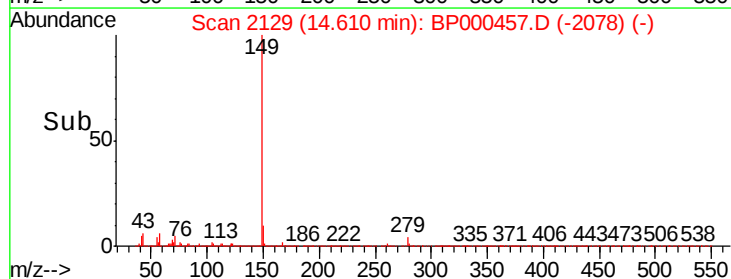
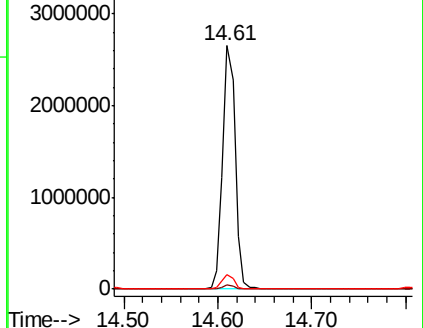
43 5.7 5.0 7.6

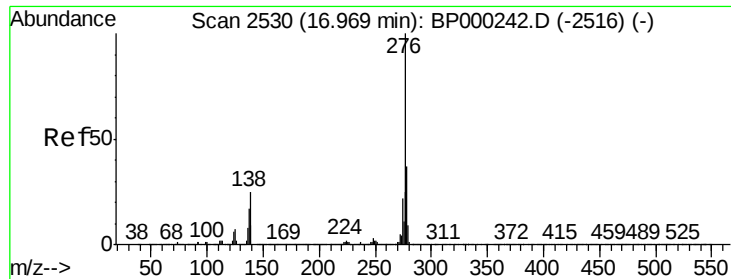


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO

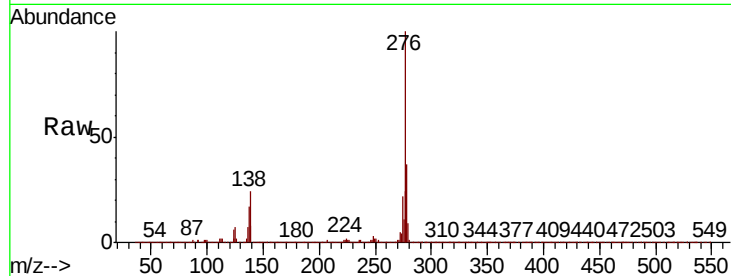




#86
Indeno(1,2,3-cd)pyrene
Concen: 50.729 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.6	33.8
277	25.5	20.4	30.6

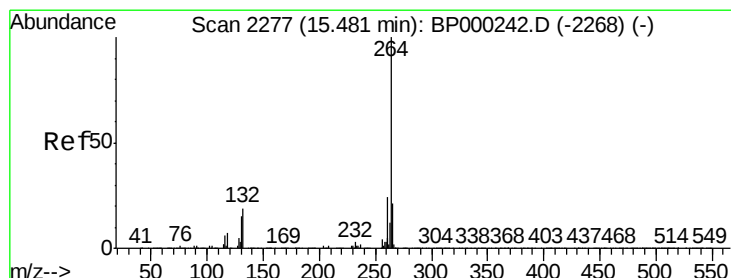
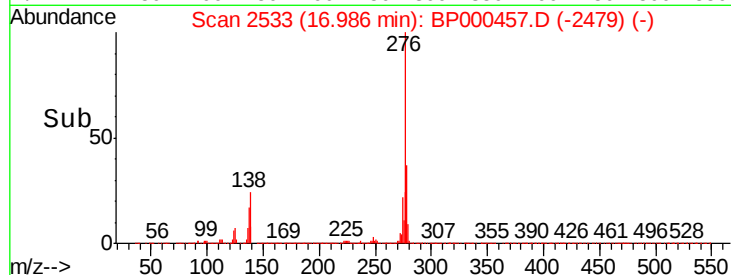
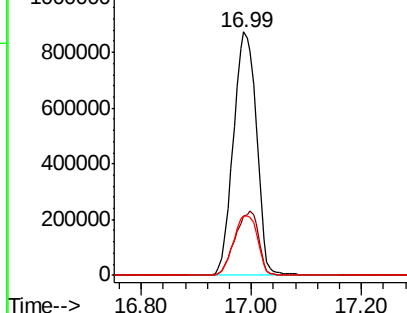


Abundance

Ion 276.00 (275.70 to 276.70): E

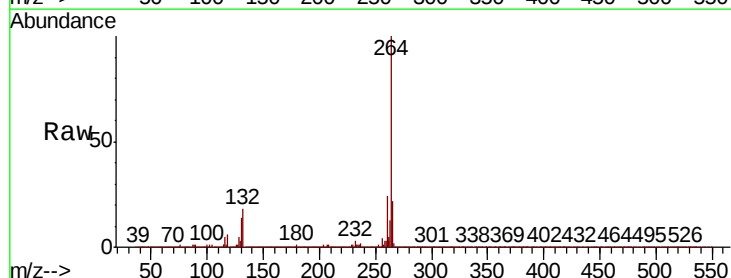
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.9	17.2	25.8

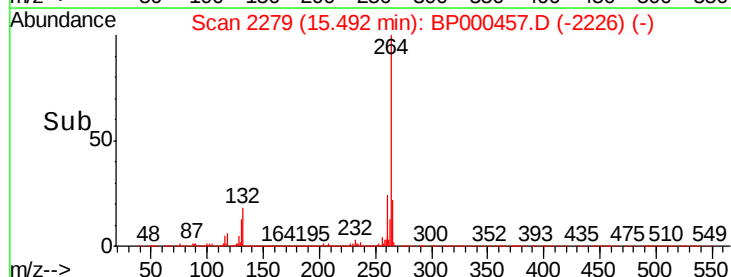
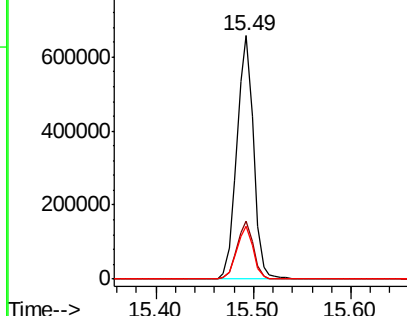


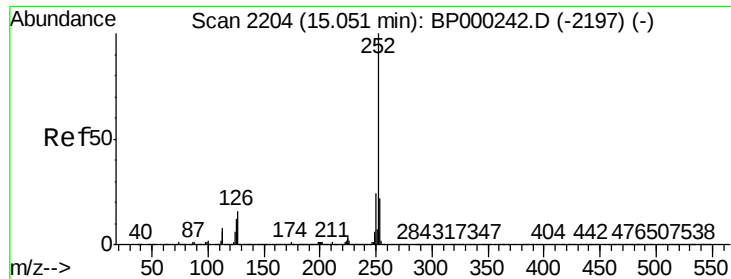
Abundance

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

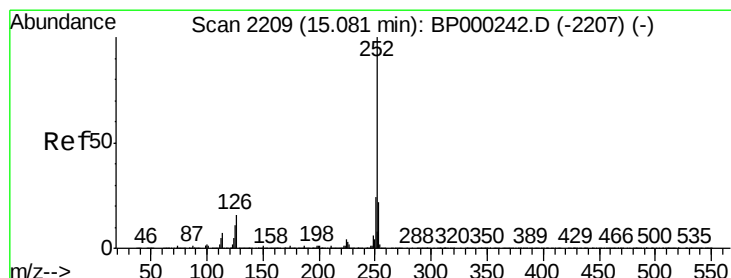
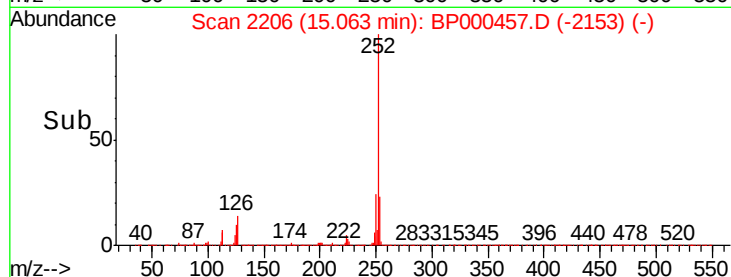
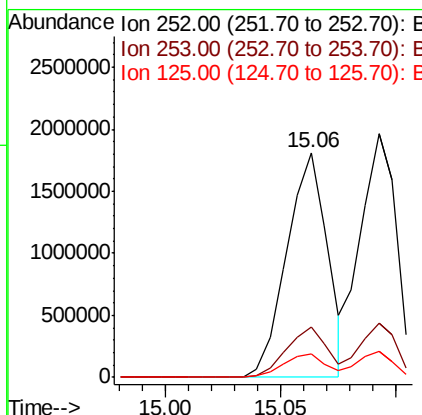
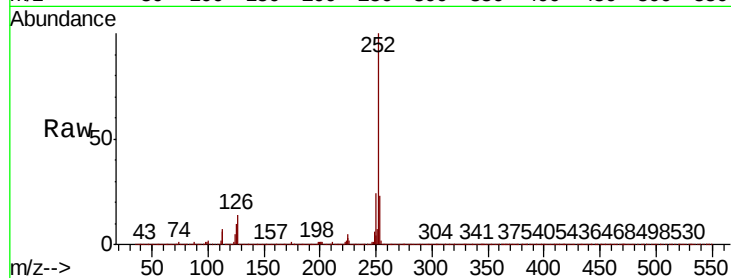




#88
Benzo(b)fluoranthene
Concen: 47.709 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

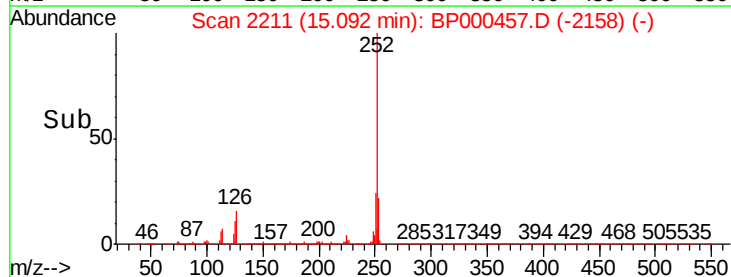
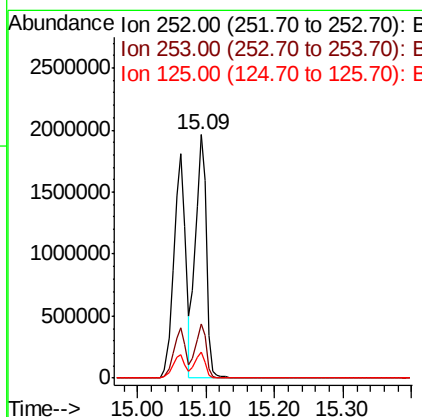
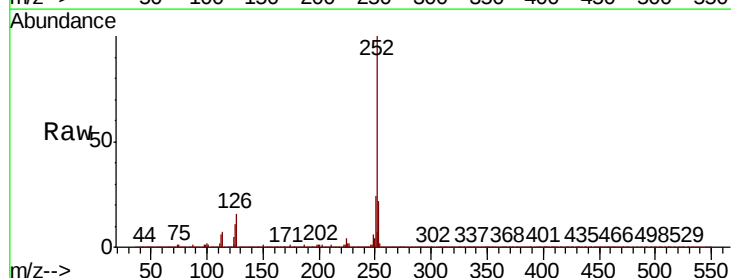
Instrument :
BNA_P
ClientSampled :

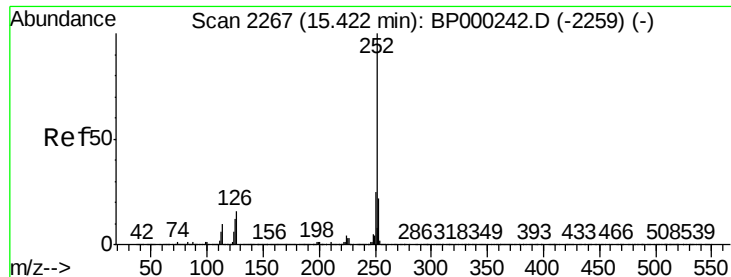
Tot Ion:252 Resp: 2217156
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.4 9.5 14.3



#89
Benzo(k)fluoranthene
Concen: 53.404 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:252 Resp: 2164881
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.9 9.6 14.4





#90

Benzo(a)pyrene

Concen: 51.368 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

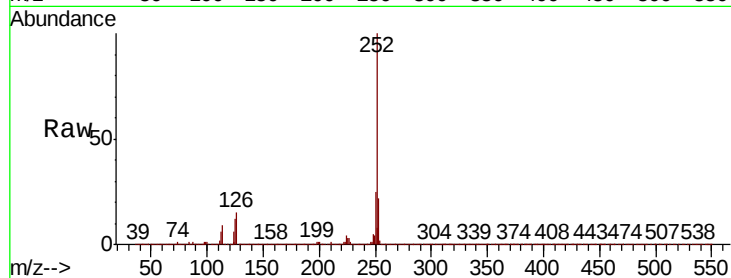
Tot Ion:252 Resp: 2172143

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

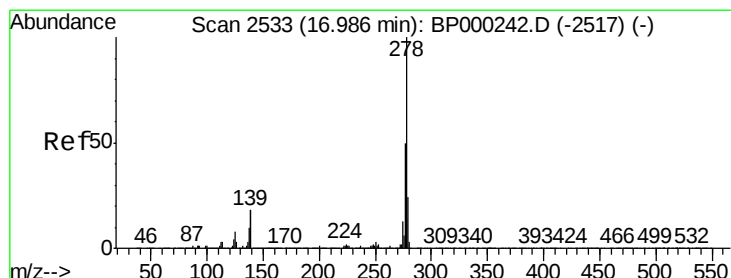
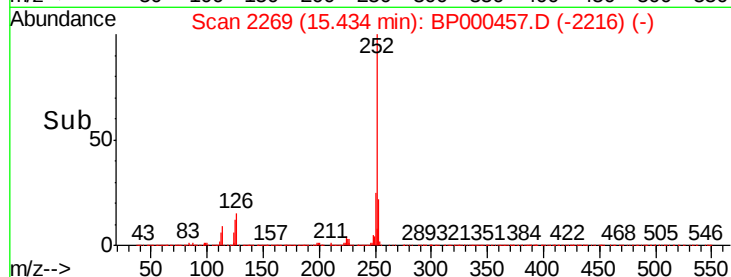
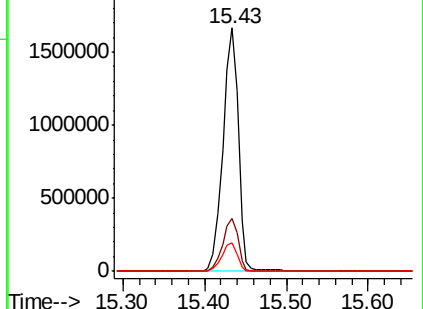
125 11.7 10.0 15.0



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



#91

Dibenzo(a,h)anthracene

Concen: 52.959 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

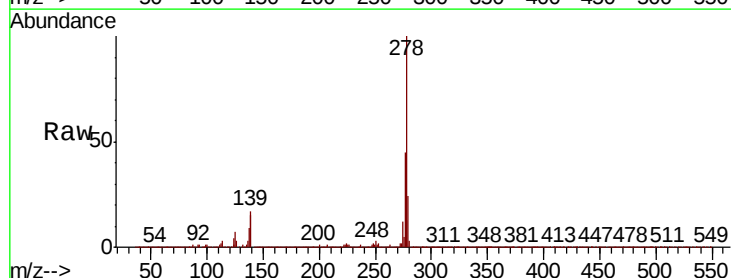
Tgt Ion:278 Resp: 2087887

Ion Ratio Lower Upper

278 100

139 16.7 14.5 21.7

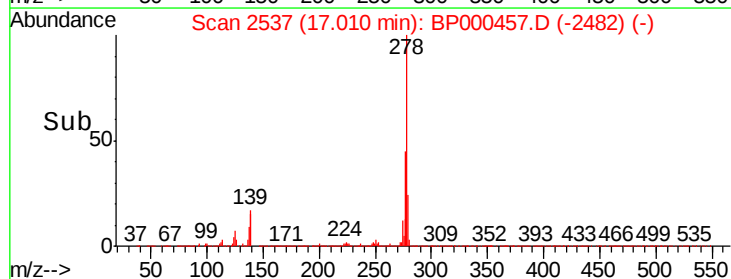
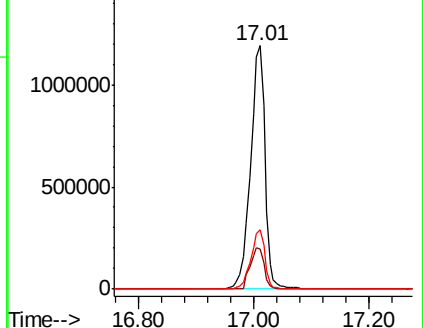
279 24.2 19.0 28.6

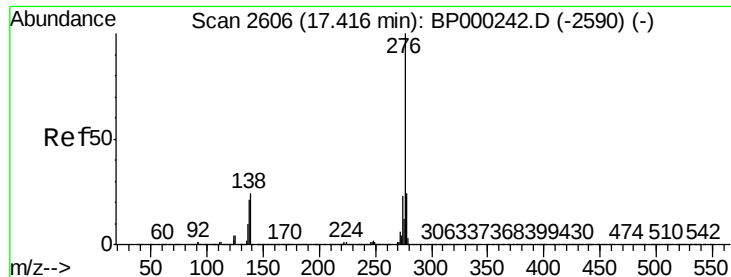


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 53.133 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

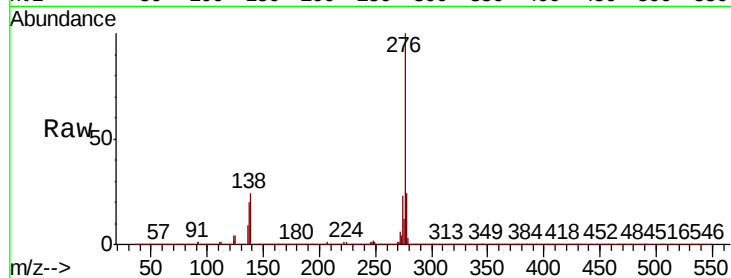
Tot Ion:276 Resp: 2153176

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 23.6 19.5 29.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

