

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000442.D
 Acq On : 27 Sep 2019 02:14
 Operator : JU
 Sample : K4657-03MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:42:43 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	237454	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	851054	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	468945	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	859096	20.00	ng	0.00
76) Chrysene-d12	14.01	240	652288	20.00	ng	0.01
87) Perylene-d12	15.49	264	738986	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1794119	130.44	ng	0.02
7) Phenol-d6	6.44	99	2289697	135.80	ng	0.02
23) Nitrobenzene-d5	7.35	82	1307480	99.12	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	682000	146.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2649232	101.68	ng	0.00
79) Terphenyl-d14	12.94	244	3138260	100.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	231482	37.294	ng	# 89
3) Pyridine	3.38	79	347510	20.797	ng	100
4) n-Nitrosodimethylamine	3.29	42	202102	42.893	ng	100
6) Aniline	6.45	93	231545	9.960	ng	# 1
8) 2-Chlorophenol	6.58	128	693713	46.836	ng	97
9) Benzaldehyde	6.34	77	328437	35.359	ng	97
10) Phenol	6.45	94	850514	44.399	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	725878	49.483	ng	98
12) 1,3-Dichlorobenzene	6.73	146	746316	41.990	ng	99
13) 1,4-Dichlorobenzene	6.81	146	768923	43.481	ng	97
14) 1,2-Dichlorobenzene	6.96	146	709803	43.817	ng	99
15) Benzyl Alcohol	6.93	79	556820	45.382	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	576213	41.432	ng	92
17) 2-Methylphenol	7.05	107	586915	46.265	ng	98
18) Hexachloroethane	7.30	117	233364	35.660	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	394174	44.218	ng	99
20) 3+4-Methylphenols	7.21	107	739934	48.234	ng	# 69
22) Acetophenone	7.20	105	961400	52.127	ng	# 98
24) Nitrobenzene	7.37	77	668656	48.804	ng	96
25) Isophorone	7.61	82	1236334	47.334	ng	98
26) 2-Nitrophenol	7.69	139	360616	49.649	ng	96
27) 2,4-Dimethylphenol	7.73	122	624770	54.001	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	813626	46.835	ng	100
29) 2,4-Dichlorophenol	7.94	162	636038	51.294	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	655051	46.089	ng	100
31) Naphthalene	8.10	128	2009898	50.993	ng	99
32) Benzoic acid	7.86	122	395204	50.590	ng	99
33) 4-Chloroaniline	8.15	127	259008	14.520	ng	99
34) Hexachlorobutadiene	8.22	225	381729	45.329	ng	97
35) Caprolactam	8.50	113	158735	37.631	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	633403	50.319	ng	99
37) 2-Methylnaphthalene	8.79	142	1362647	50.573	ng	98
38) 1-Methylnaphthalene	8.89	142	1273101	50.440	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	671183	50.059	ng	99

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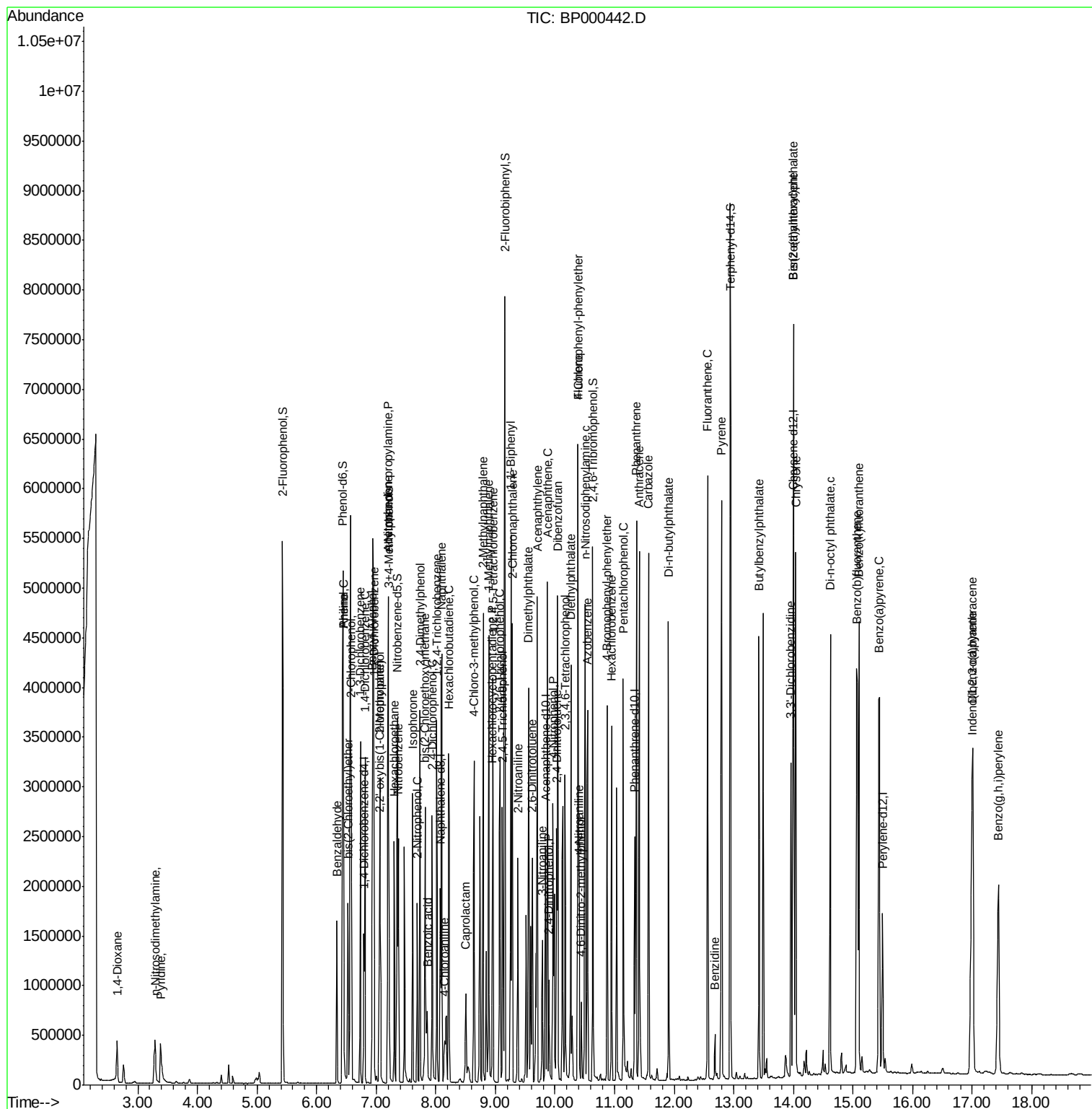
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41) Hexachlorocyclopentadiene	8.95	237	207541	26.956	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	462989	49.903	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	507366	53.407	ng	97
46) 1,1'-Biphenyl	9.26	154	1680371	51.798	ng	98
47) 2-Chloronaphthalene	9.28	162	1313665	48.273	ng	97
48) 2-Nitroaniline	9.38	65	335268	48.514	ng	95
49) Acenaphthylene	9.70	152	2043451	49.954	ng	99
50) Dimethylphthalate	9.56	163	1878240	58.787	ng	99
51) 2,6-Dinitrotoluene	9.62	165	352868	50.230	ng	# 85
52) Acenaphthene	9.87	154	1200022	46.487	ng	99
53) 3-Nitroaniline	9.79	138	229023	28.087	ng	99
54) 2,4-Dinitrophenol	9.90	184	153148	49.344	ng	98
55) Dibenzofuran	10.05	168	1888114	51.740	ng	99
56) 4-Nitrophenol	9.97	139	549859	90.663	ng	95
57) 2,4-Dinitrotoluene	10.03	165	462882	50.402	ng	90
58) Fluorene	10.39	166	1426551	50.612	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	405816	51.913	ng	98
60) Diethylphthalate	10.26	149	1522544	49.538	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	710828	49.130	ng	99
62) 4-Nitroaniline	10.41	138	359342	44.803	ng	95
63) Azobenzene	10.55	77	1282627	49.258	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	114682	28.390	ng	87
66) n-Nitrosodiphenylamine	10.50	169	1290265	49.891	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	460789	47.432	ng	98
68) Hexachlorobenzene	10.95	284	495004	46.608	ng	98
69) Atrazine	11.03	200	392121	Below Cal		97
70) Pentachlorophenol	11.15	266	514563	88.958	ng	99
71) Phenanthrene	11.36	178	2117789	49.192	ng	99
72) Anthracene	11.42	178	2220254	50.103	ng	99
73) Carbazole	11.57	167	2024357	50.726	ng	100
74) Di-n-butylphthalate	11.90	149	2398621	47.485	ng	98
75) Fluoranthene	12.56	202	2326247	50.321	ng	98
77) Benzidine	12.68	184	175217	7.521	ng	98
78) Pyrene	12.79	202	2362003	48.400	ng	100
80) Butylbenzylphthalate	13.42	149	1020113	45.492	ng	97
81) Benzo(a)anthracene	14.00	228	1985110	48.178	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	692495	41.819	ng	98
83) Chrysene	14.04	228	1974919	48.817	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1306912	48.551	ng	100
85) Di-n-octyl phthalate	14.62	149	2366174	47.427	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2087951	42.341	ng	98
88) Benzo(b)fluoranthene	15.07	252	2191261	49.705	ng	97
89) Benzo(k)fluoranthene	15.10	252	1971643	51.271	ng	97
90) Benzo(a)pyrene	15.44	252	2069980	51.603	ng	97
91) Dibenzo(a,h)anthracene	17.01	278	1751240	46.825	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1614114	41.988	ng	98

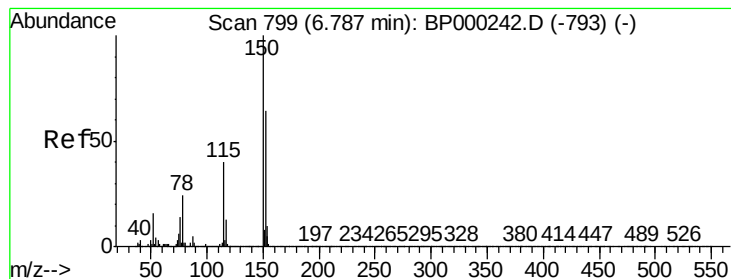
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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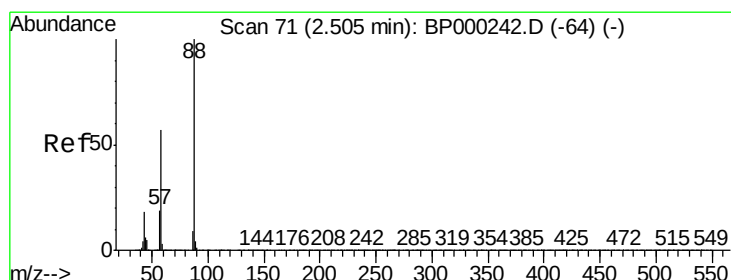
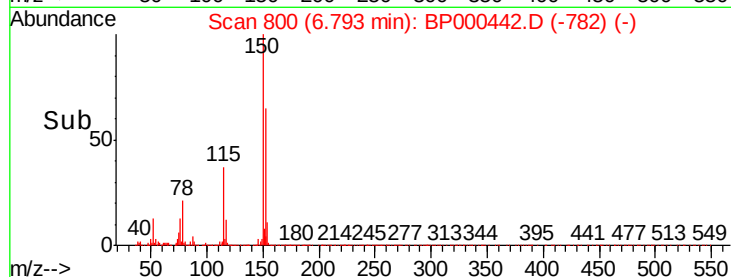
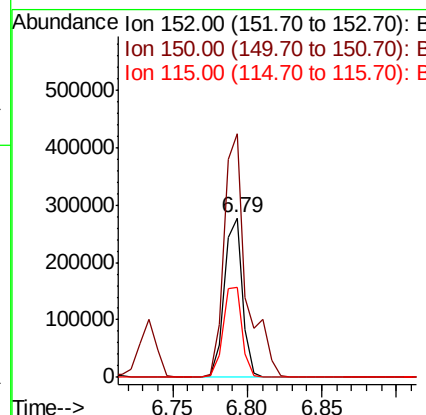
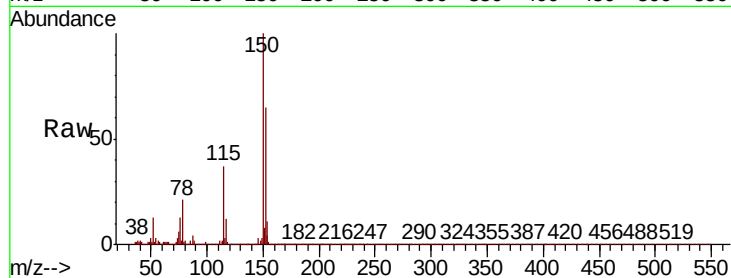


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Instrument :
BNA_P
ClientSampleId :

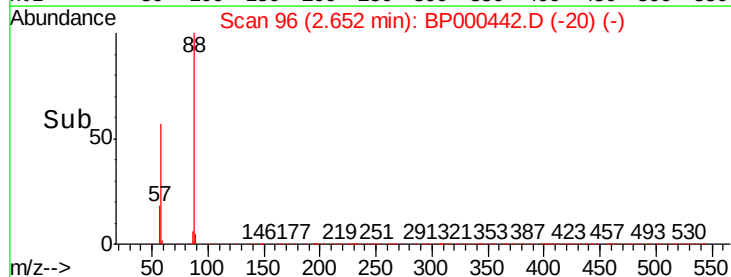
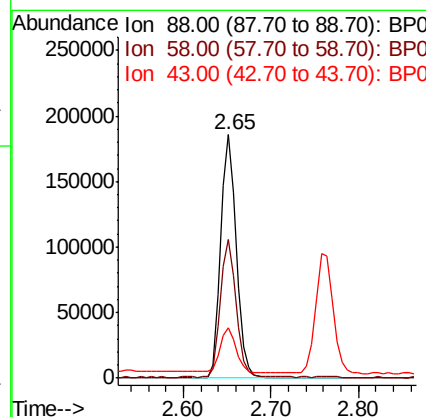
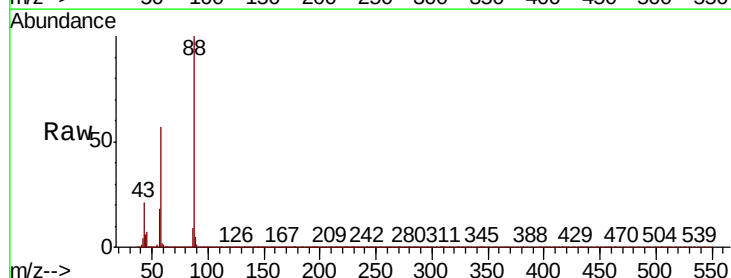
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.2	187.8
115	56.8	49.7	74.5

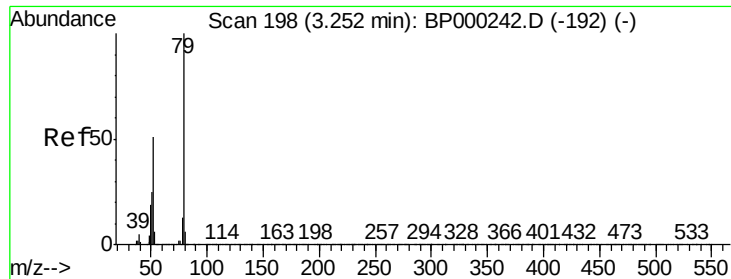


#2

1,4-Dioxane
Concen: 37.294 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.15 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.4	45.4	68.2
43	0.0	15.0	22.6





#3

Pvridine

Concen: 20.797 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.13 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

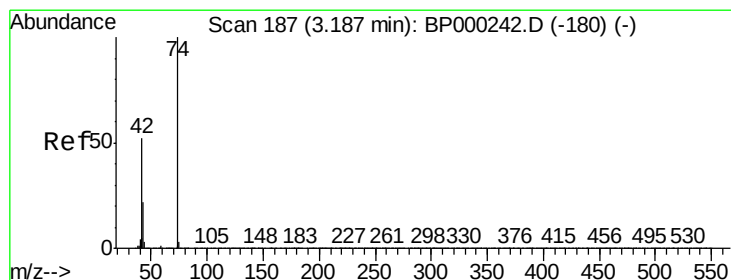
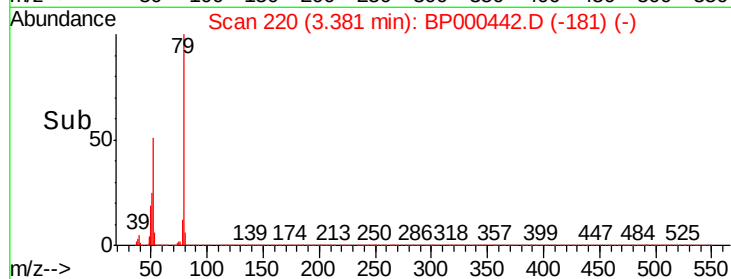
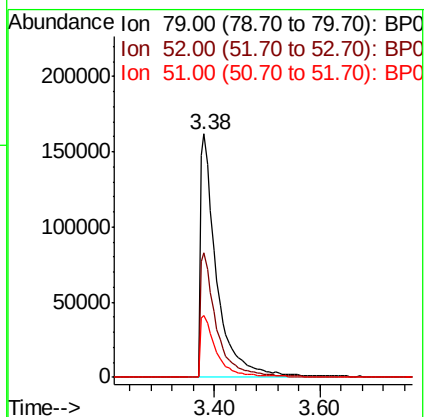
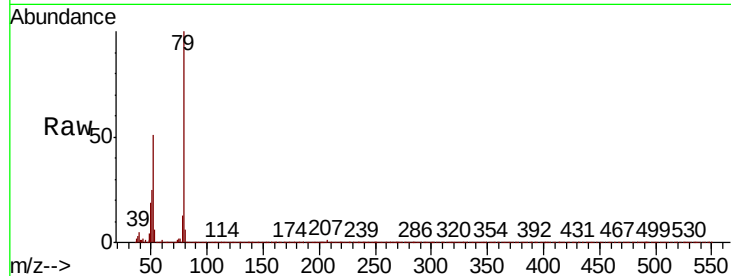
Tot Ion: 79 Resp: 347510

Ion Ratio Lower Upper

79 100

52 51.0 40.9 61.3

51 25.4 20.2 30.2



#4

n-Nitrosodimethylamine

Concen: 42.893 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.11 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

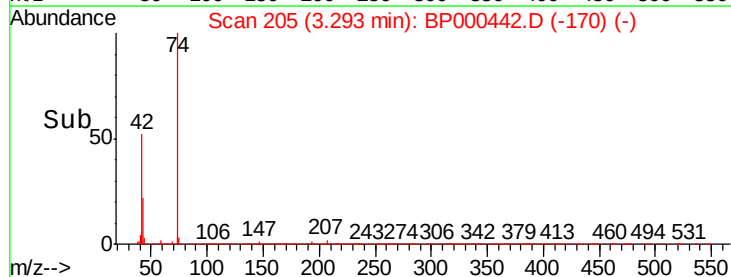
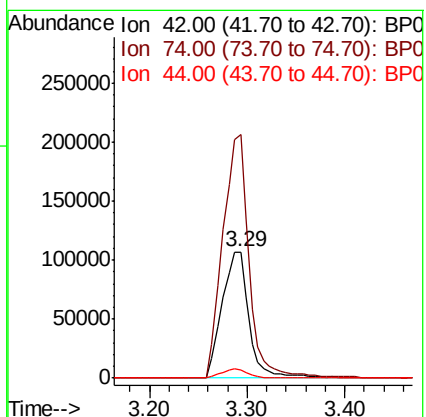
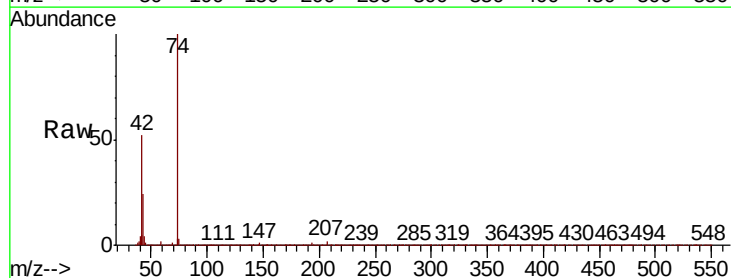
Tgt Ion: 42 Resp: 202102

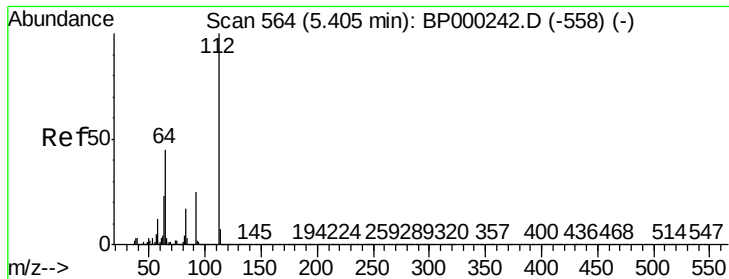
Ion Ratio Lower Upper

42 100

74 192.8 154.5 231.7

44 6.7 5.9 8.9





#5

2-Fluorophenol

Concen: 130.437 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

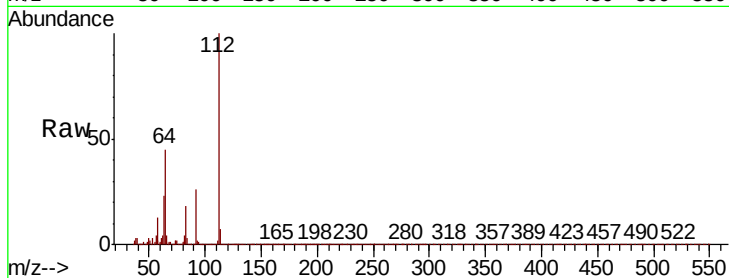
Tot Ion: 112 Resp: 1794119

Ion Ratio Lower Upper

112 100

64 45.1 36.2 54.4

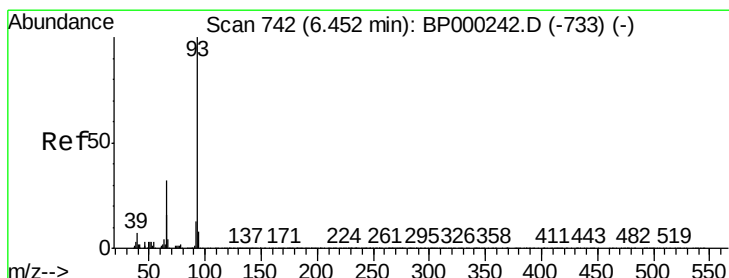
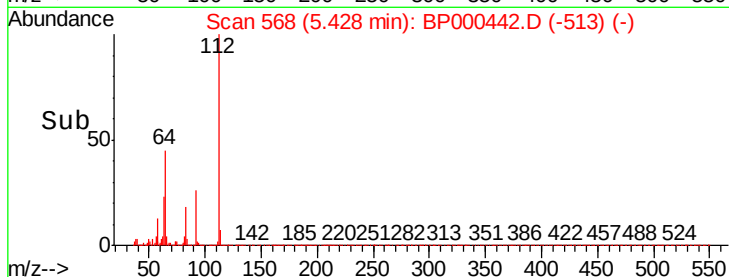
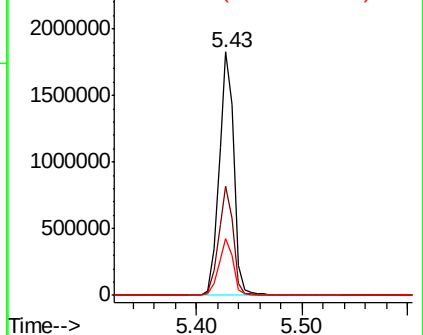
63 23.4 18.3 27.5



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: 9.960 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

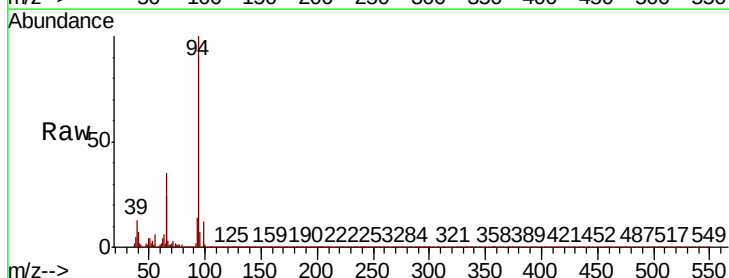
Tgt Ion: 93 Resp: 231545

Ion Ratio Lower Upper

93 100

66 240.7 26.2 39.2#

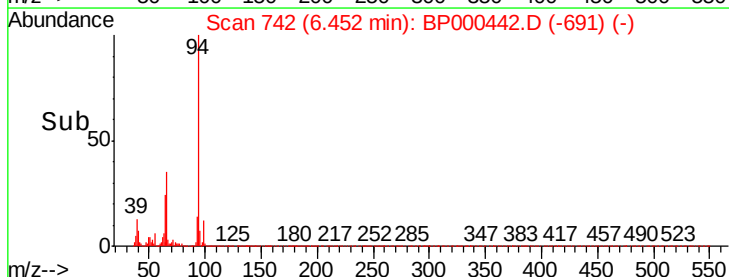
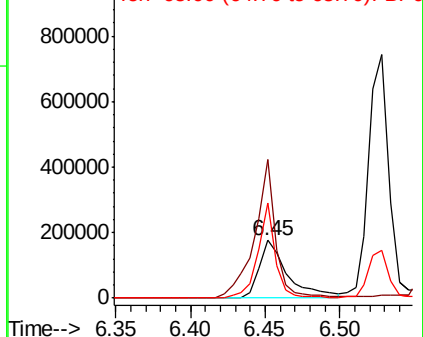
65 166.4 12.7 19.1#

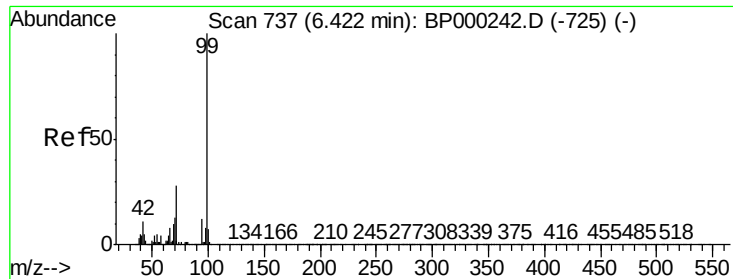


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 135.804 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

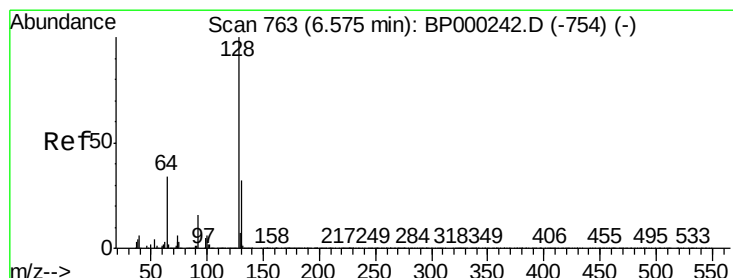
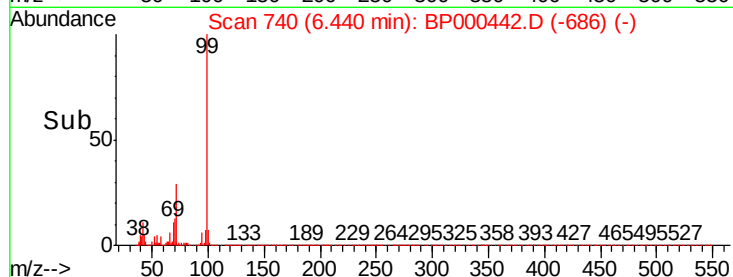
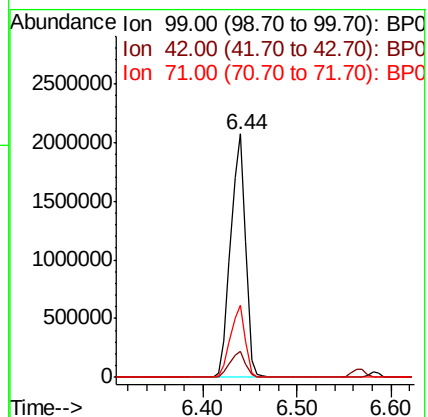
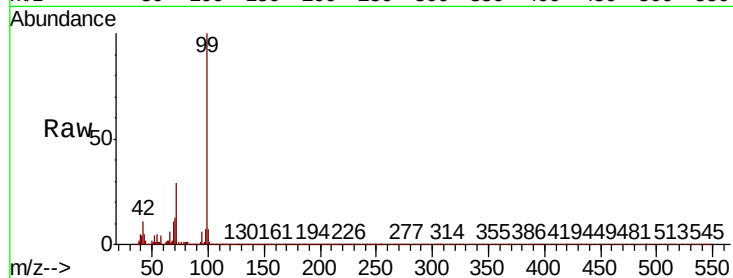
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 2289697

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.5	12.7
71	29.4	22.6	34.0



#8

2-Chlorophenol

Concen: 46.836 ng

RT: 6.58 min Scan# 764

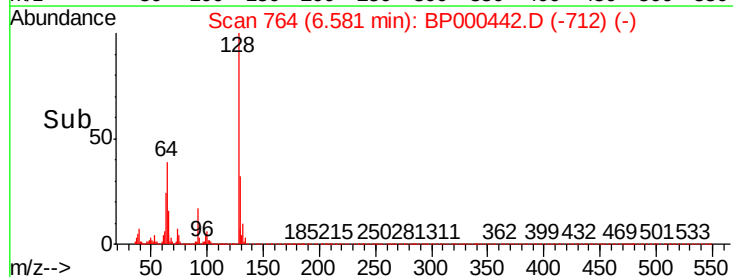
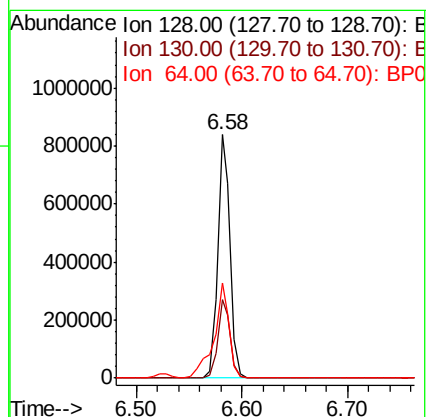
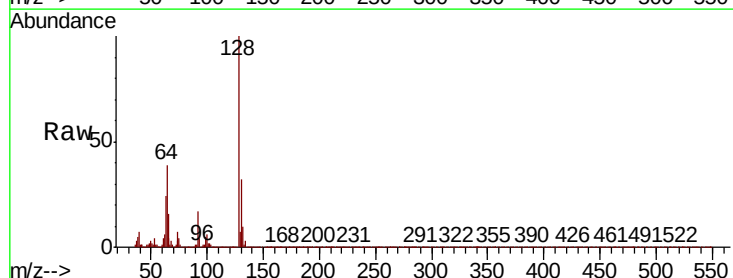
Delta R.T. 0.01 min

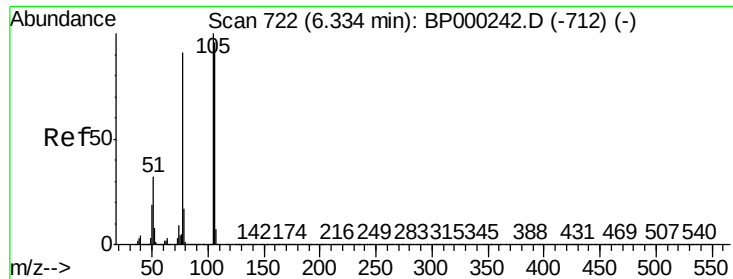
Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion: 128 Resp: 693713

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	39.2	16.0	56.0





#9

Benzaldehyde

Concen: 35.359 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

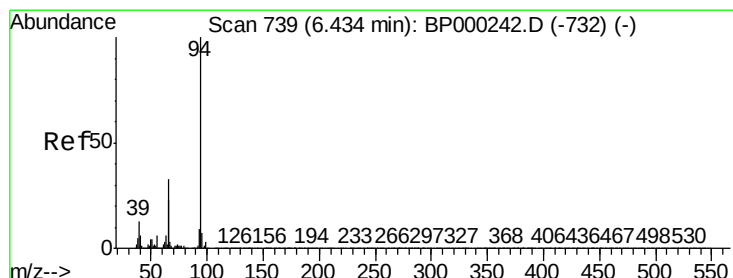
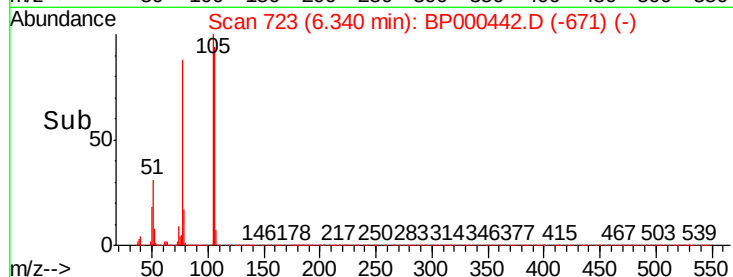
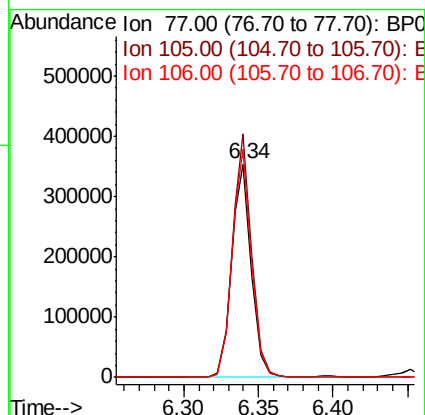
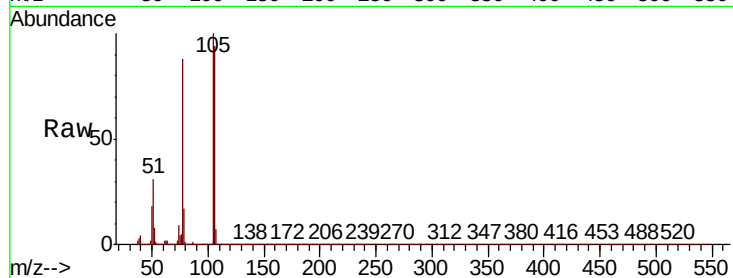
Tot Ion: 77 Resp: 328437

Ion Ratio Lower Upper

77 100

105 114.0 89.6 129.6

106 106.7 84.6 124.6



#10

Phenol

Concen: 44.399 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

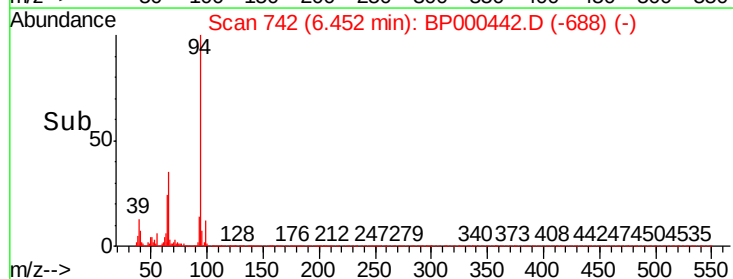
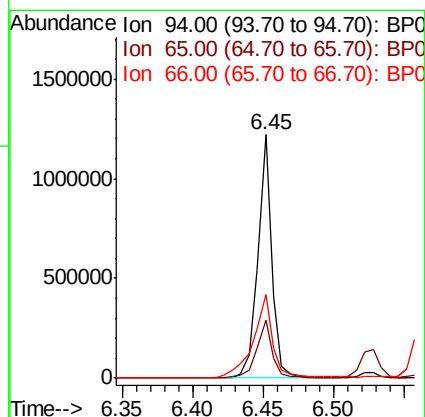
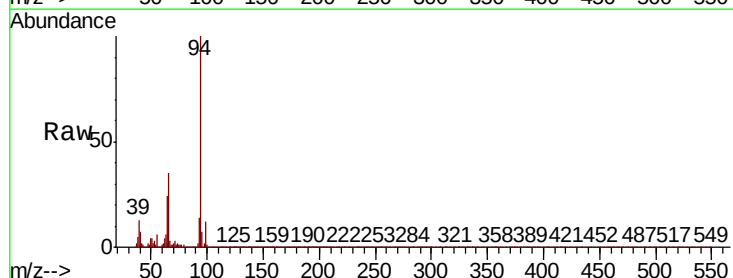
Tgt Ion: 94 Resp: 850514

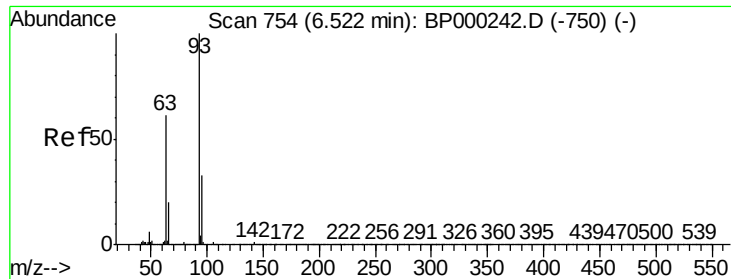
Ion Ratio Lower Upper

94 100

65 23.9 3.3 43.3

66 34.5 12.7 52.7

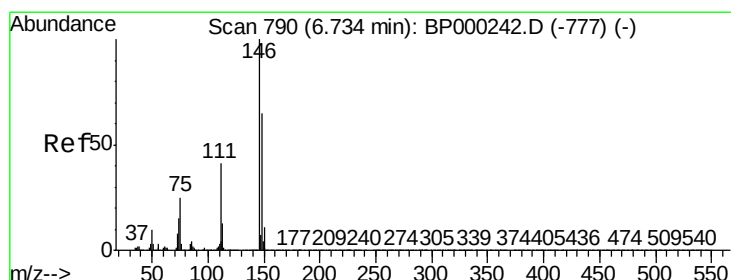
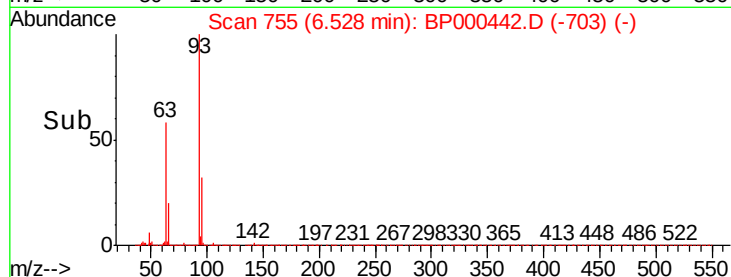
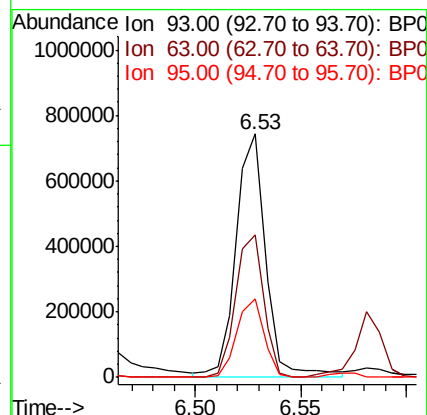
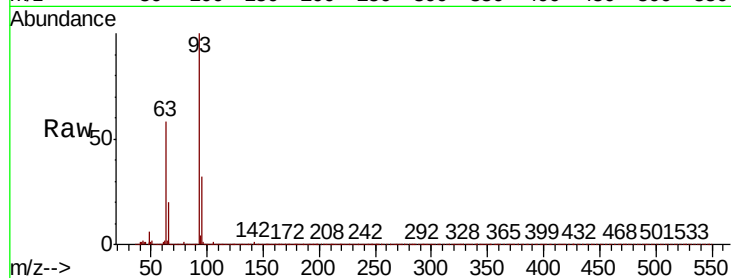




#11
bis(2-Chloroethyl)ether
Concen: 49.483 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

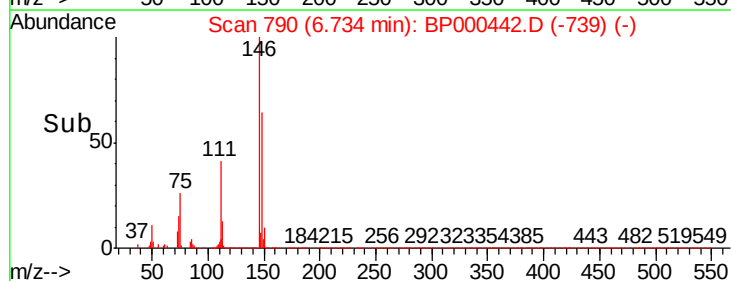
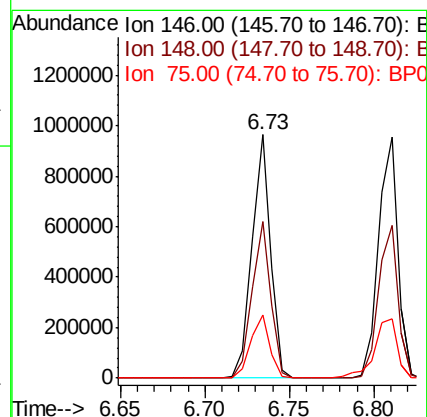
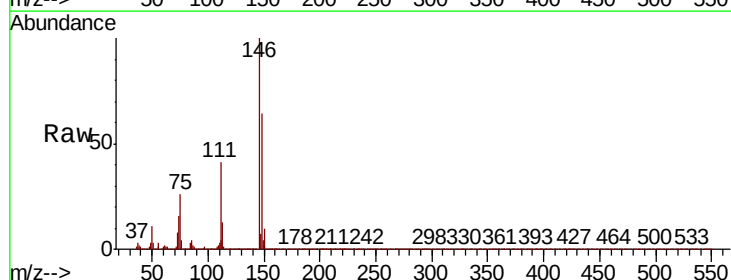
Instrument :
BNA_P
ClientSampleId :

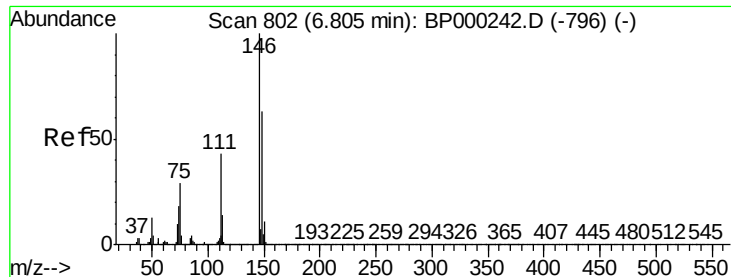
Tot Ion:	93	Resp:	725878
Ion	Ratio	Lower	Upper
93	100		
63	58.4	41.0	81.0
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.990 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:	146	Resp:	746316
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	26.1	20.2	30.4

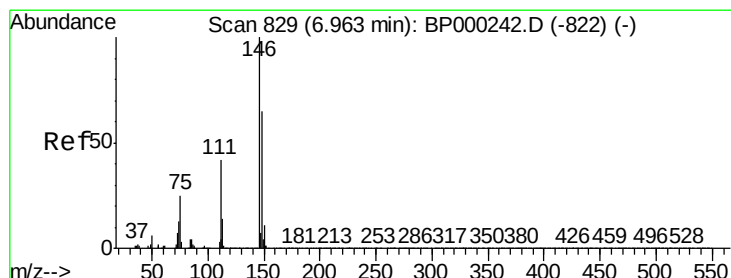
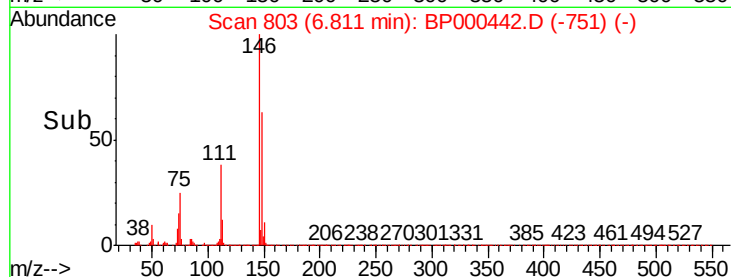
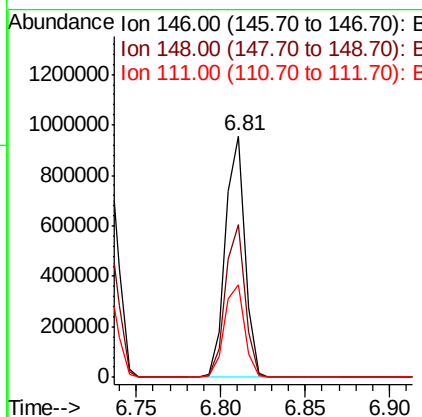
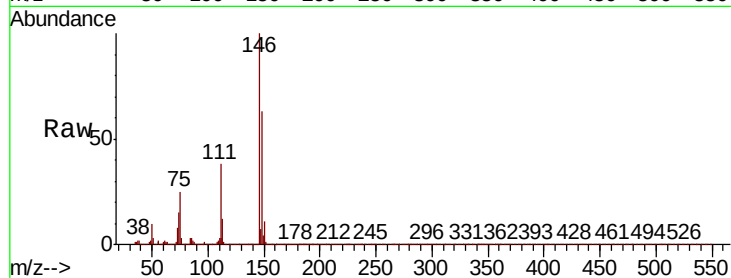




#13
1,4-Dichlorobenzene
Concen: 43.481 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

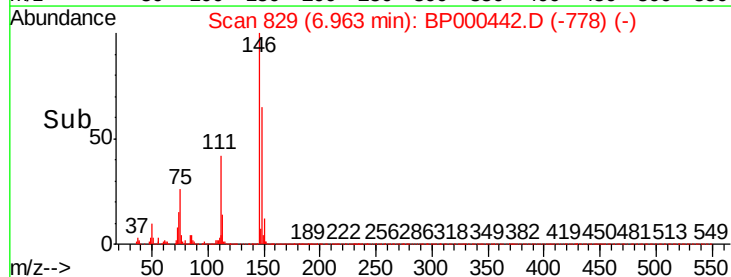
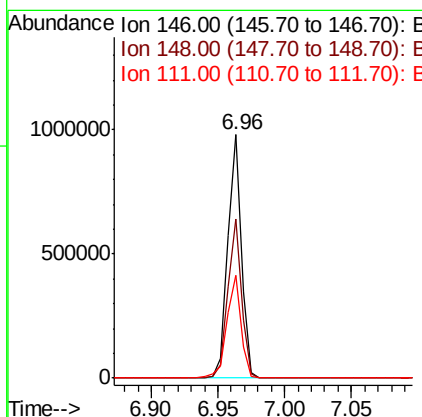
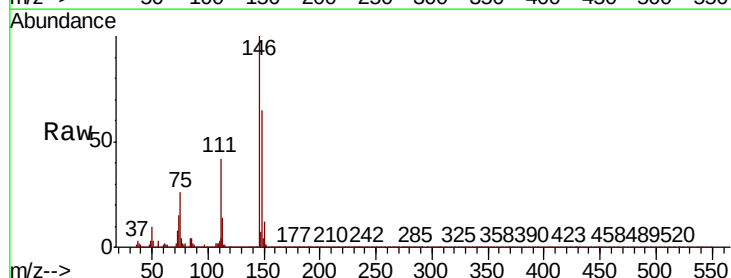
Instrument :
BNA_P
ClientSampleId :

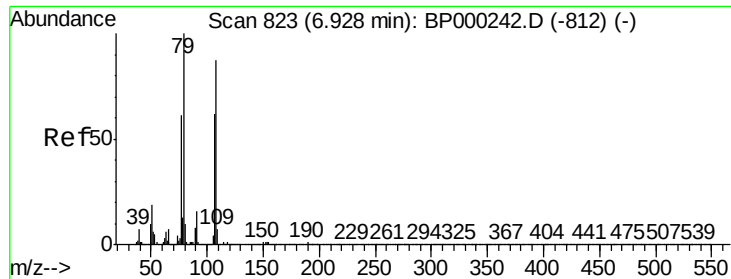
Tot Ion:146 Resp: 768923
Ion Ratio Lower Upper
146 100
148 63.1 50.7 76.1
111 38.1 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 43.817 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:146 Resp: 709803
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
111 42.0 33.4 50.2

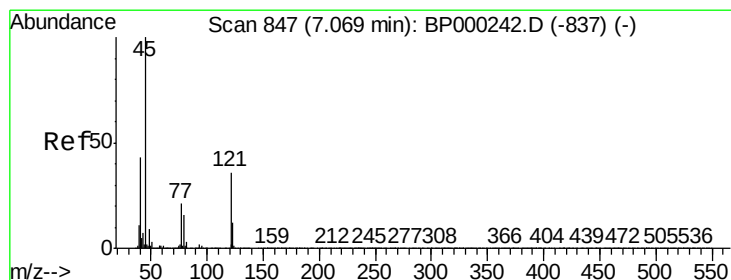
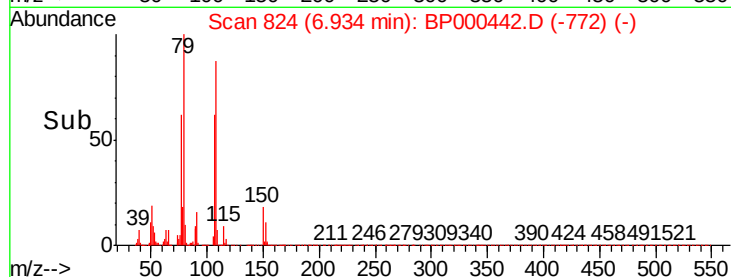
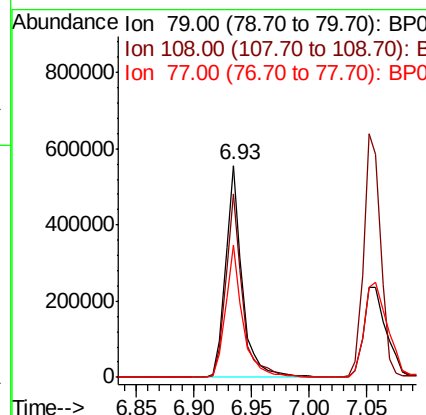
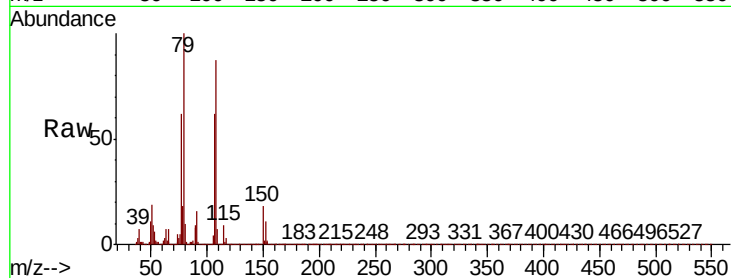




#15
Benzyl Alcohol
Concen: 45.382 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

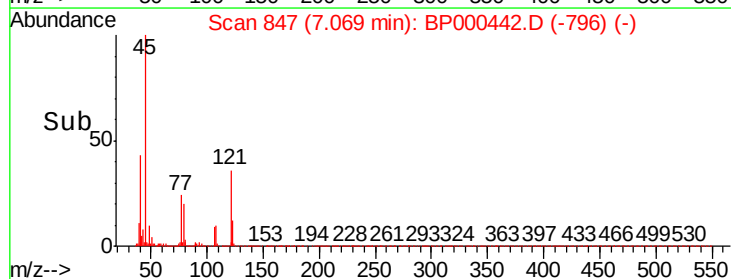
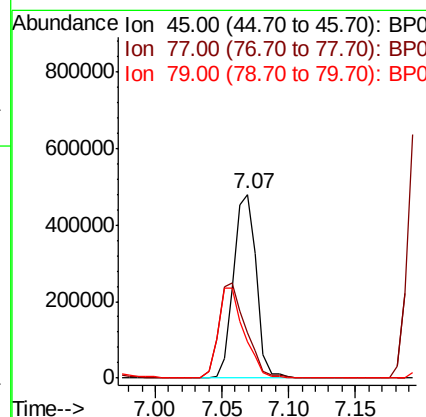
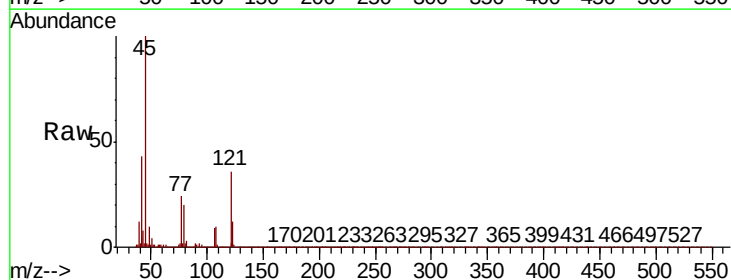
Instrument :
BNA_P
ClientSampleId :

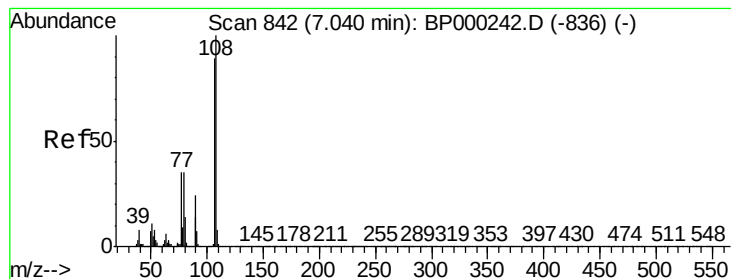
Tot Ion	Ratio	Lower	Upper
79	100		
108	86.9	69.2	103.8
77	62.2	48.7	73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.432 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.3	0.7	40.7
79	19.8	0.0	36.4





#17

2-Methylphenol

Concen: 46.265 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 586915

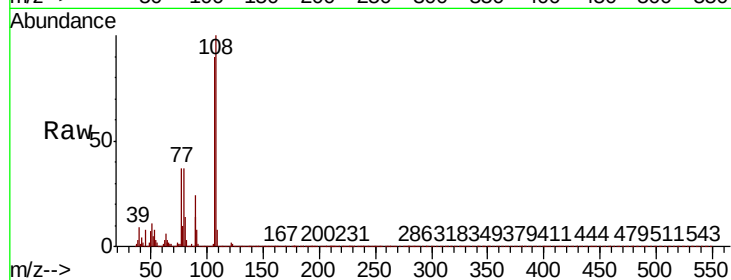
Ion Ratio Lower Upper

107 100

108 111.0 90.1 135.1

77 41.3 31.5 47.3

79 40.8 32.2 48.2

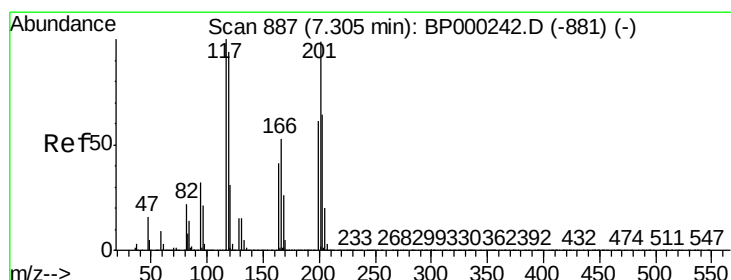
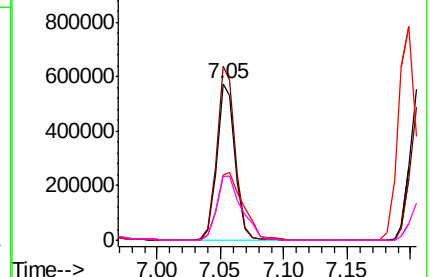
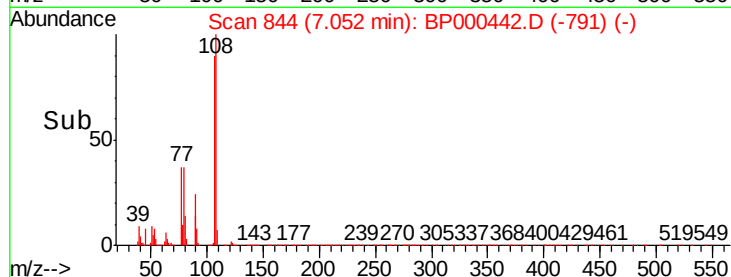


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 35.660 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

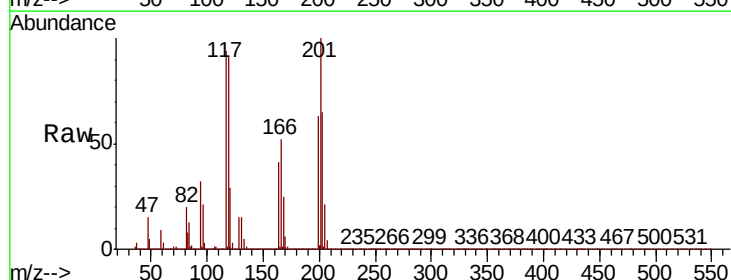
Tgt Ion:117 Resp: 233364

Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

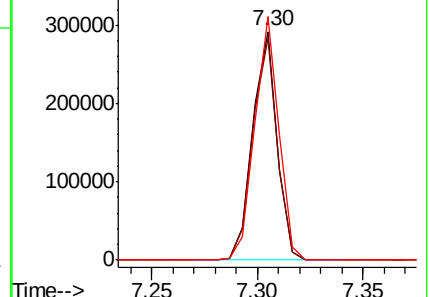
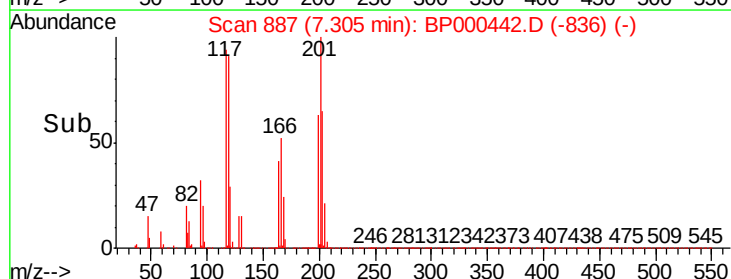
201 106.5 79.4 119.2

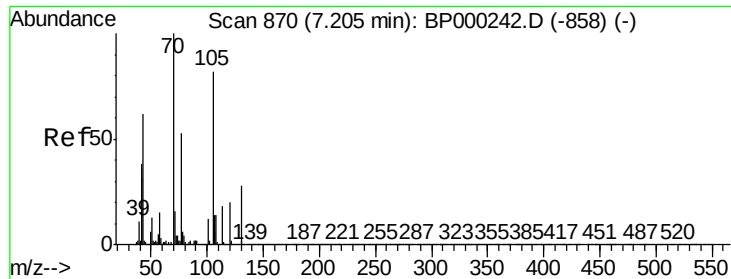


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

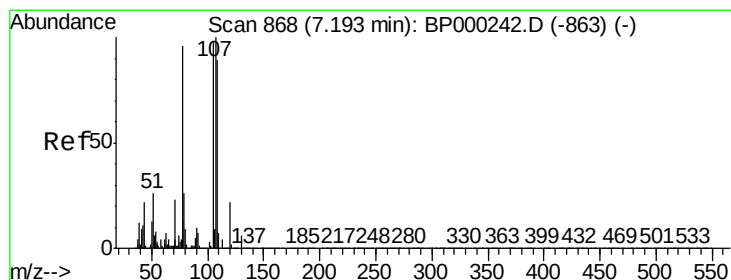
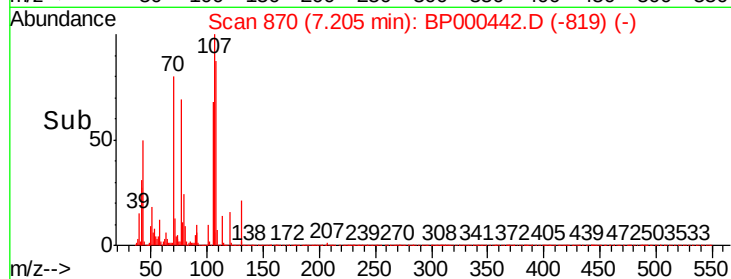
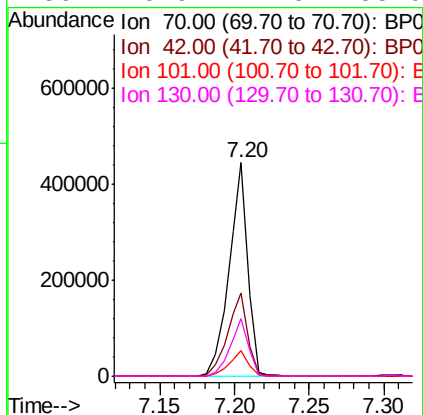
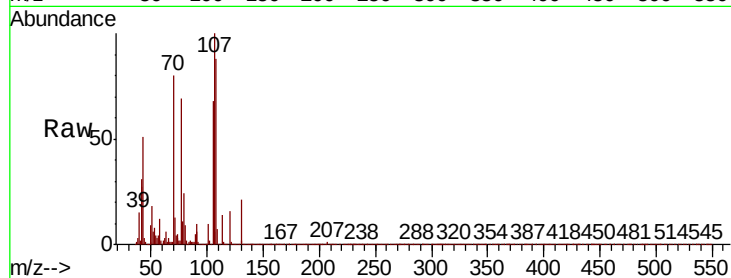




#19
n-Nitroso-di-n-propylamine
Concen: 44.218 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

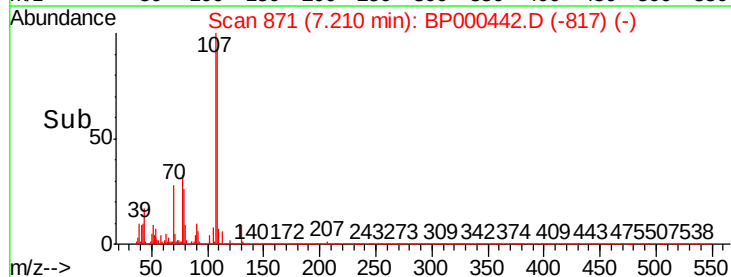
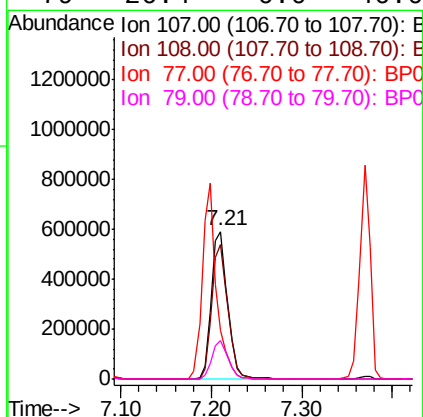
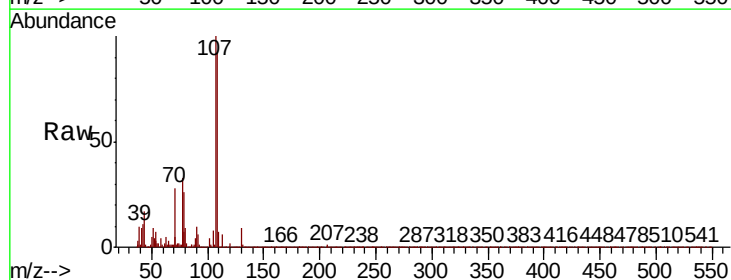
Instrument :
BNA_P
ClientSampleId :

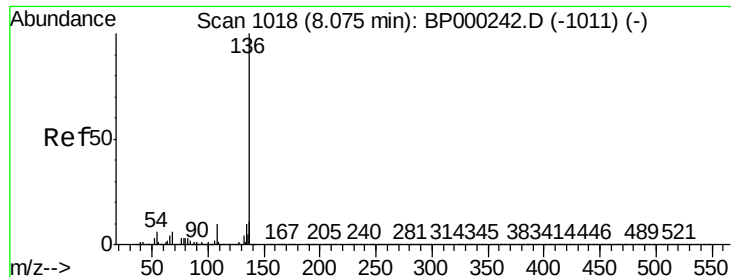
Tot Ion:	70	Resp:	394174
Ion	Ratio	Lower	Upper
70	100		
42	39.1	30.7	46.1
101	12.0	9.6	14.4
130	26.9	22.0	33.0



#20
3+4-Methylphenols
Concen: 48.234 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:	107	Resp:	739934
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.8	108.8
77	32.9	75.7	115.7#
79	26.4	6.0	46.0

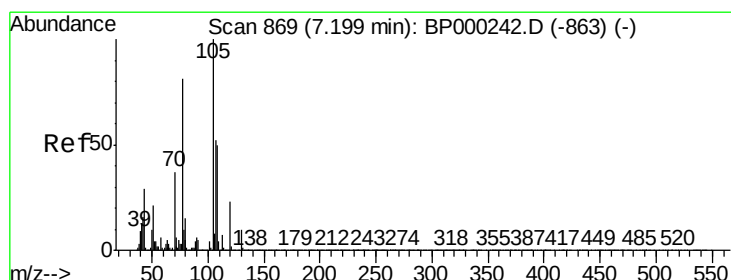
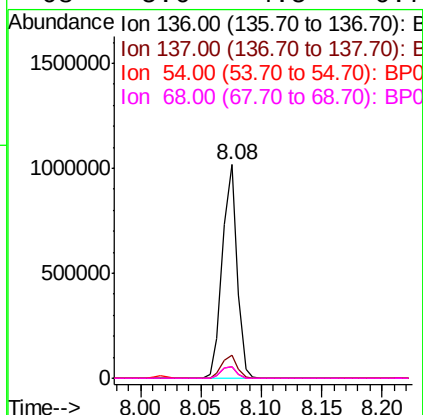
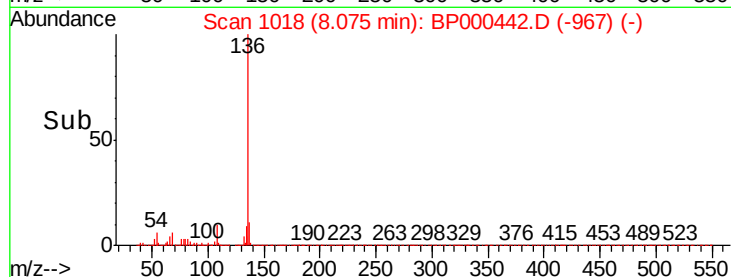
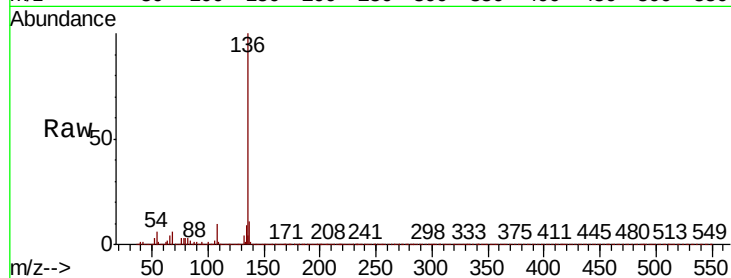




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

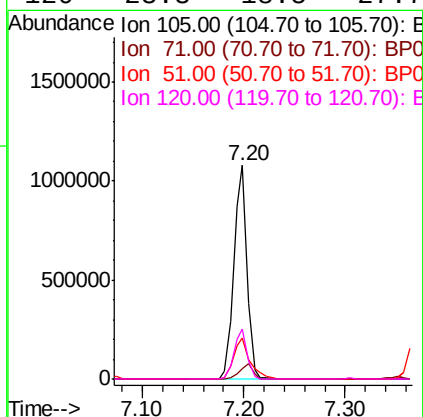
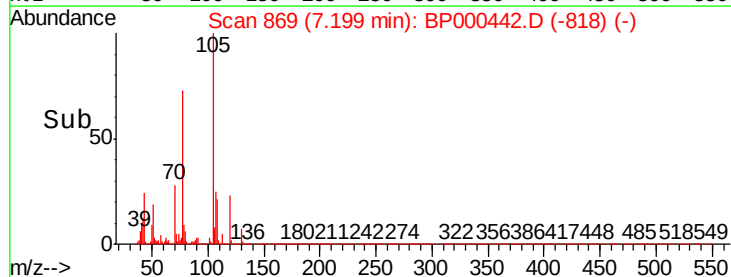
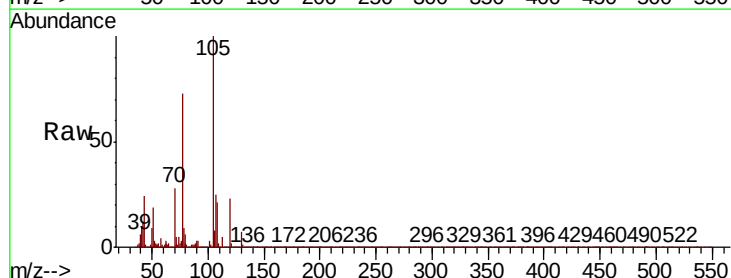
Instrument :
BNA_P
ClientSampleId :

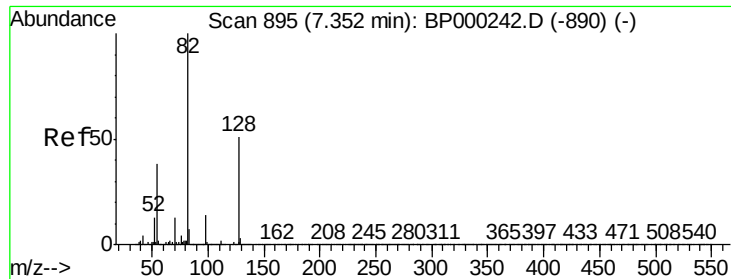
Tot Ion:136	Resp:	851054
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 5.6	4.5	6.7
68 5.6	4.5	6.7



#22
Acetophenone
Concen: 52.127 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt	Ion:105	Resp:	961400
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.2	7.8#
51	18.9	16.6	24.8
120	23.3	18.5	27.7

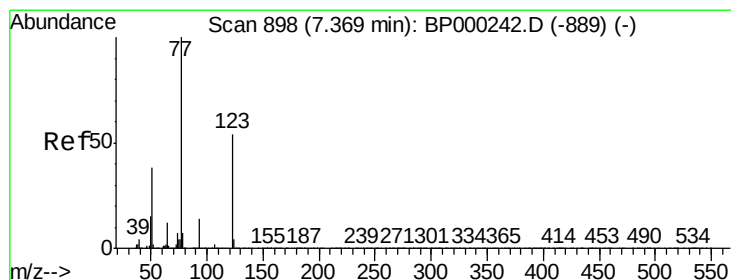
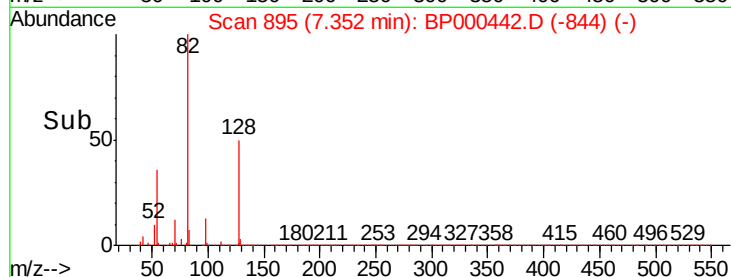
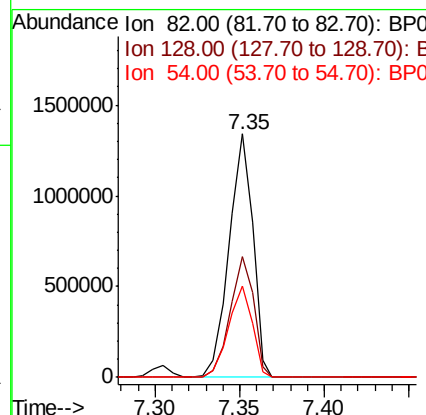
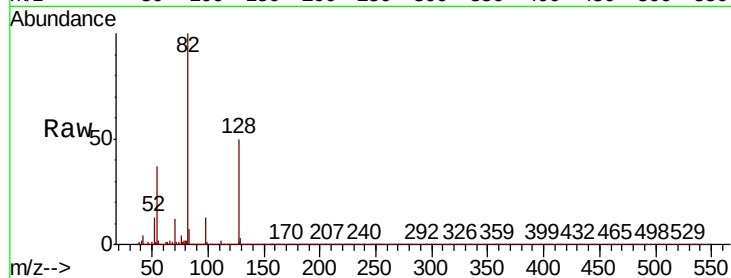




#23
Nitrobenzene-d5
Concen: 99.122 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

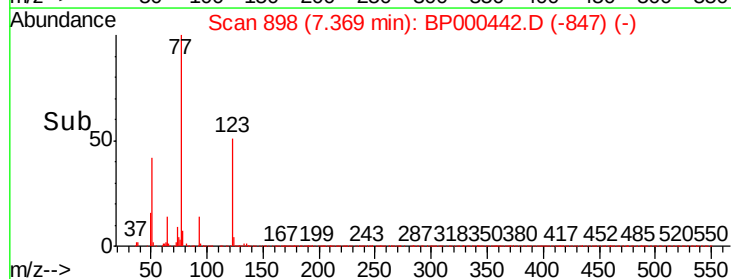
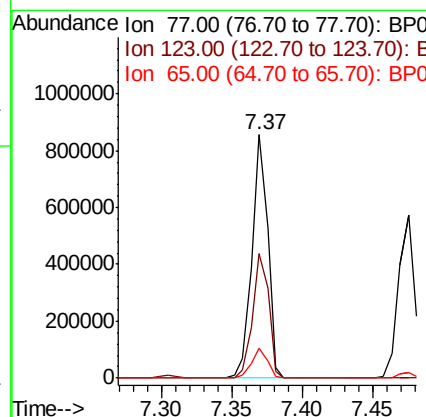
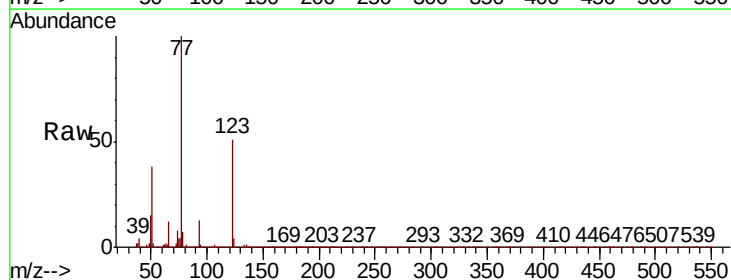
Instrument :
BNA_P
ClientSampleId :

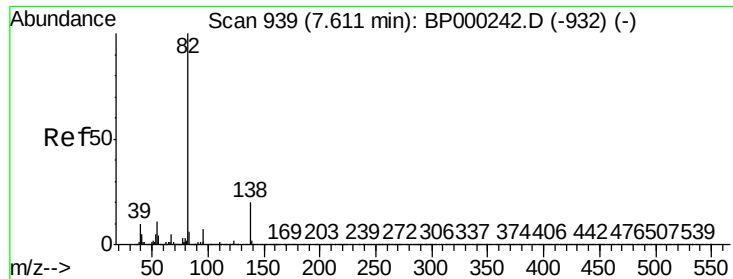
Tot Ion: 82 Resp: 1307480
Ion Ratio Lower Upper
82 100
128 49.6 40.7 61.1
54 37.4 30.1 45.1



#24
Nitrobenzene
Concen: 48.804 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion: 77 Resp: 668656
Ion Ratio Lower Upper
77 100
123 50.9 43.1 64.7
65 12.1 9.4 14.2





#25

Isophorone

Concen: 47.334 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

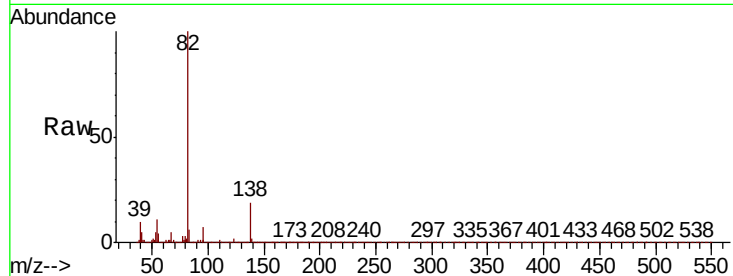
Tot Ion: 82 Resp: 1236334

Ion Ratio Lower Upper

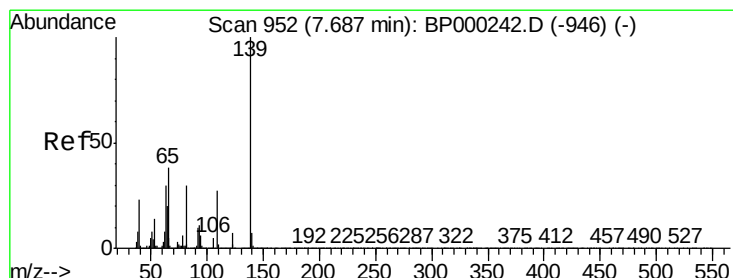
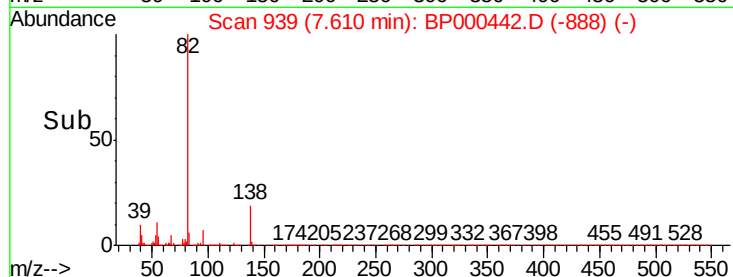
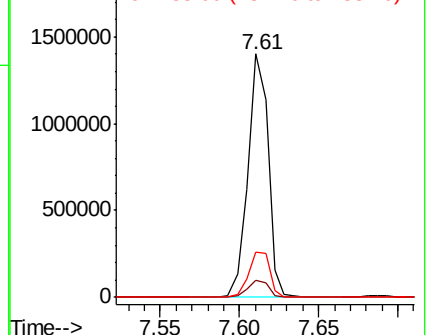
82 100

95 7.1 5.9 8.9

138 18.8 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): E



#26

2-Nitrophenol

Concen: 49.649 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

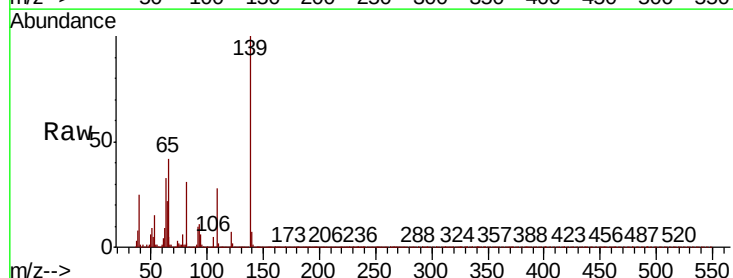
Tgt Ion:139 Resp: 360616

Ion Ratio Lower Upper

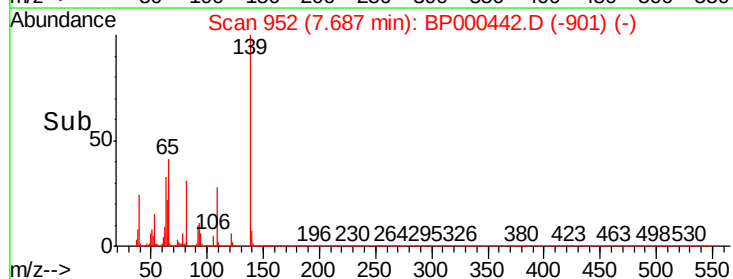
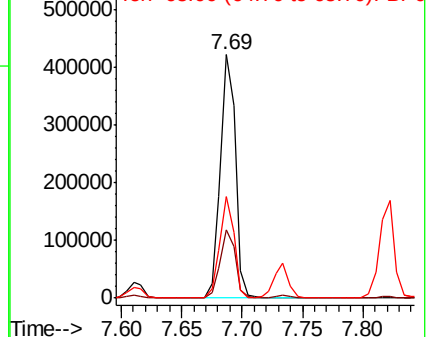
139 100

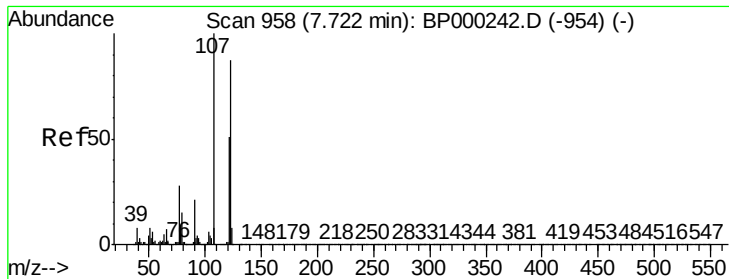
109 28.0 21.8 32.6

65 41.5 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

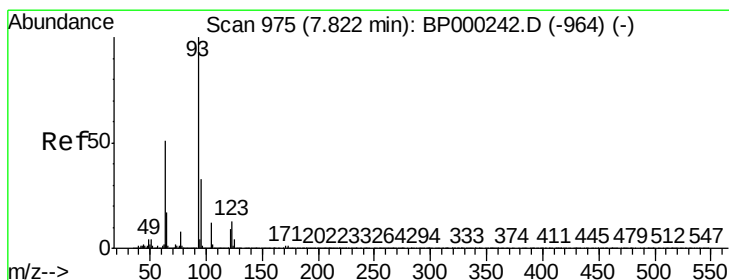
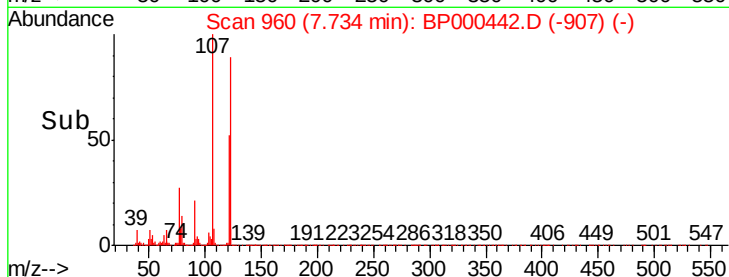
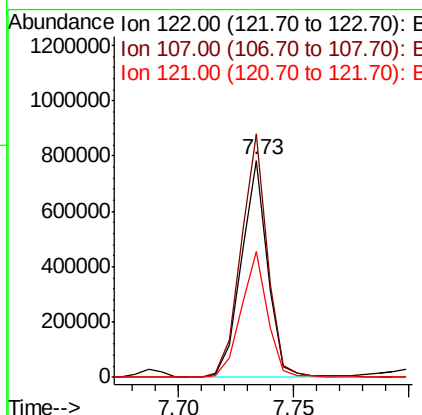
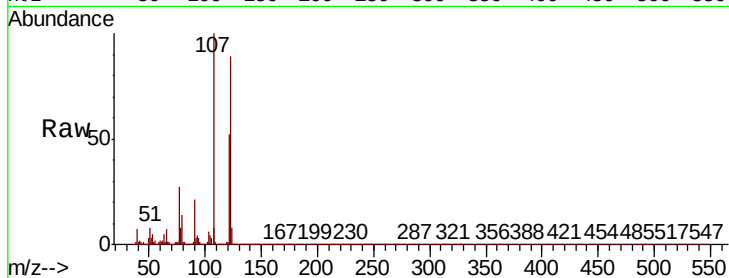




#27
2,4-Dimethylphenol
Concen: 54.001 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

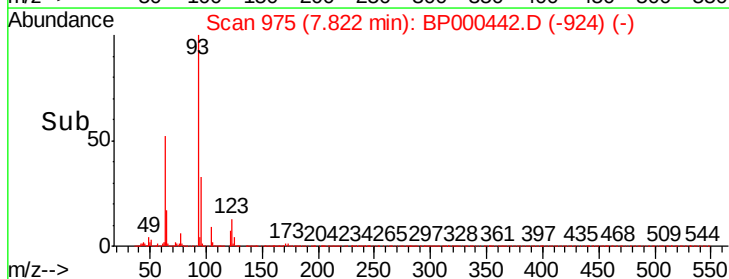
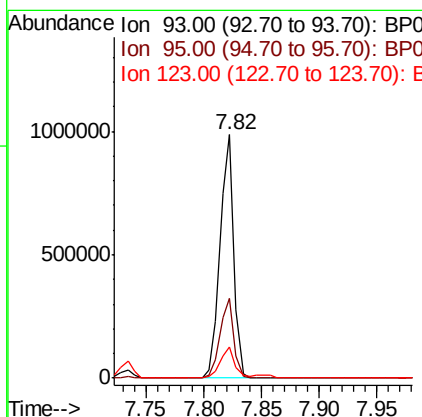
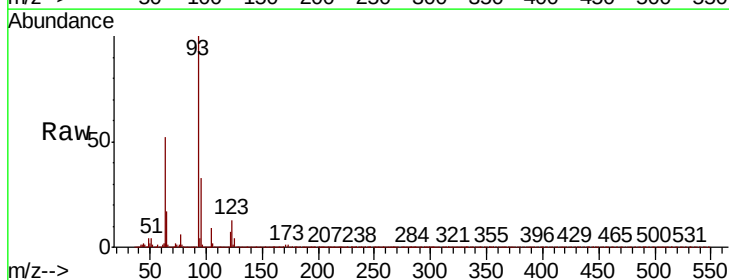
Instrument :
BNA_P
ClientSampled :

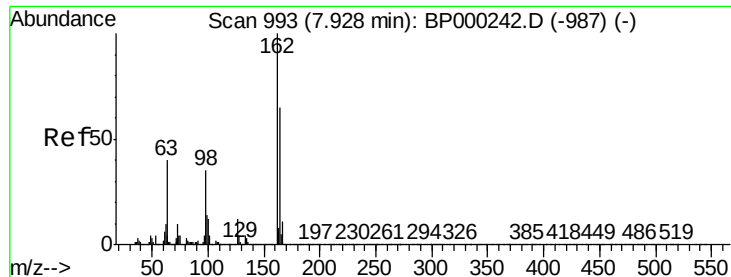
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.5	137.3
121	58.2	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 46.835 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	13.0	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 51.294 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

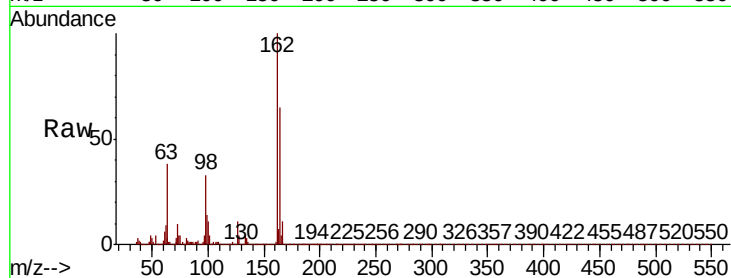
Tot Ion:162 Resp: 636038

Ion Ratio Lower Upper

162 100

164 64.7 44.5 84.5

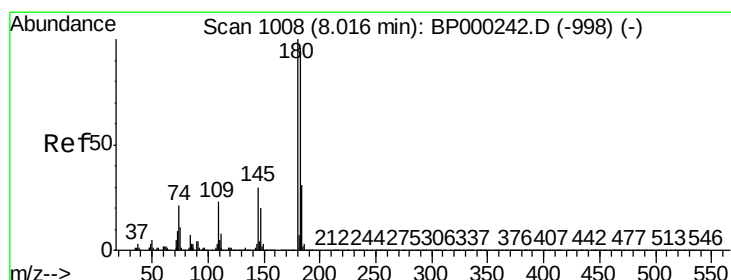
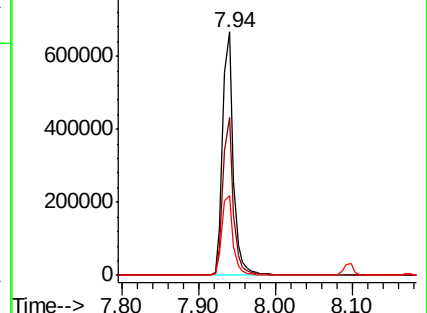
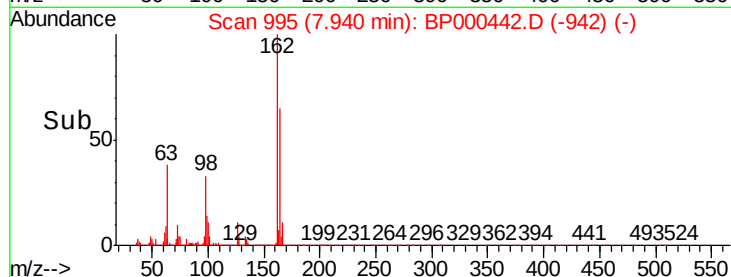
98 32.8 15.2 55.2



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: 46.089 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

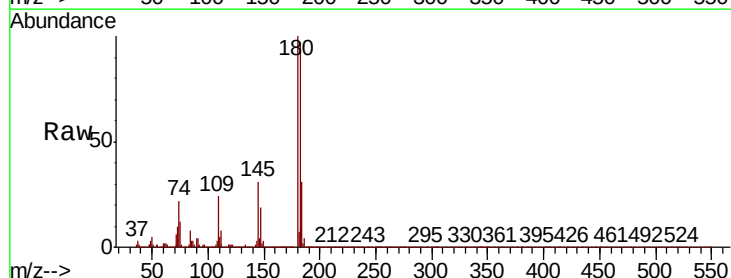
Tgt Ion:180 Resp: 655051

Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

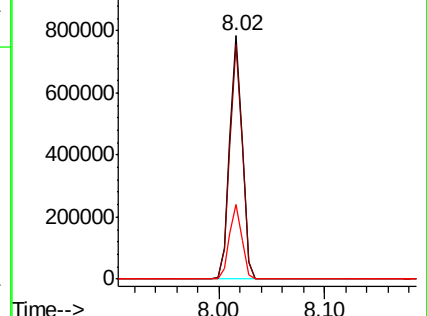
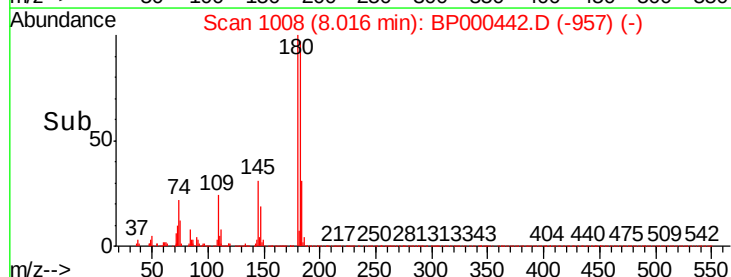
145 30.9 24.3 36.5

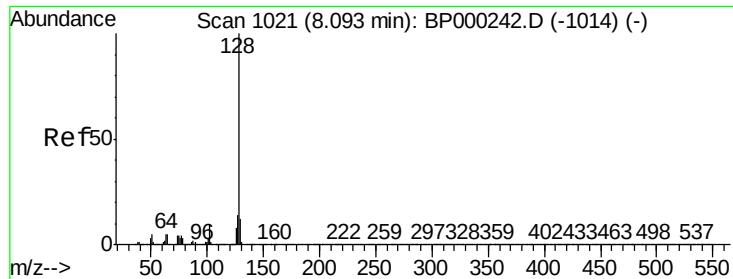


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.993 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

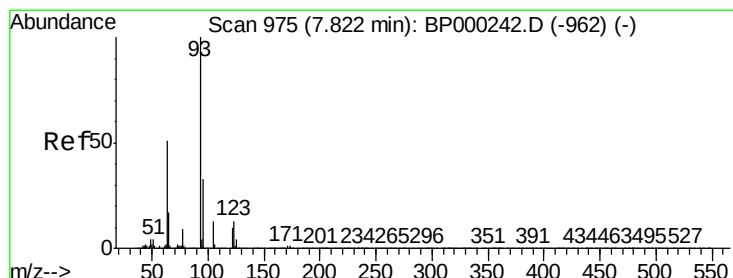
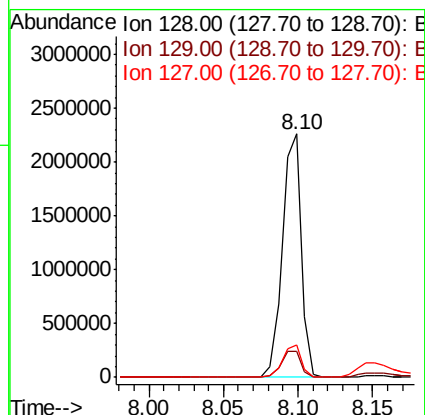
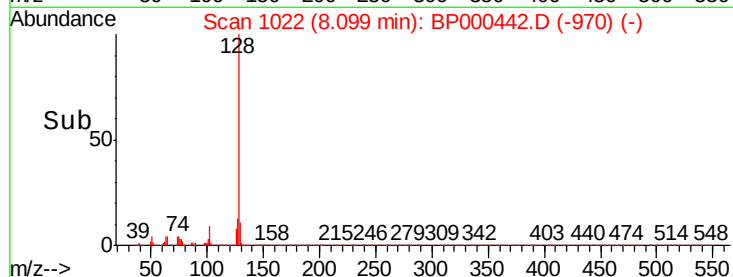
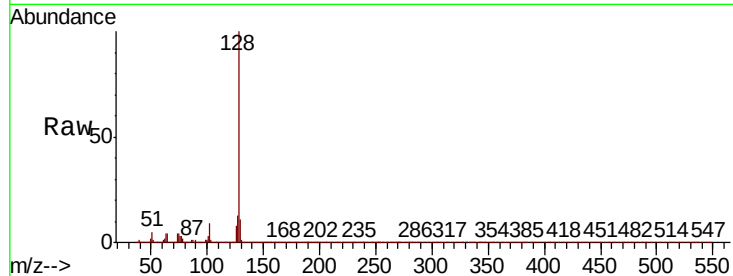
Tot Ion:128 Resp: 2009898

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 13.3 11.0 16.6



#32

Benzoic acid

Concen: 50.590 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.04 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

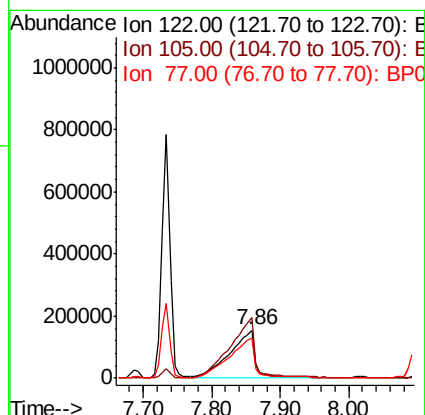
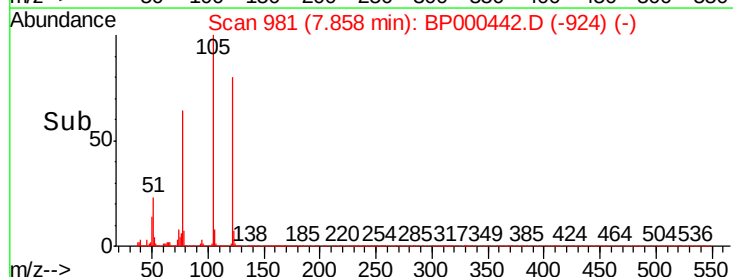
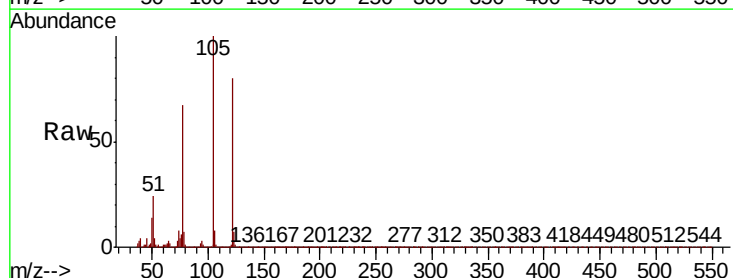
Tgt Ion:122 Resp: 395204

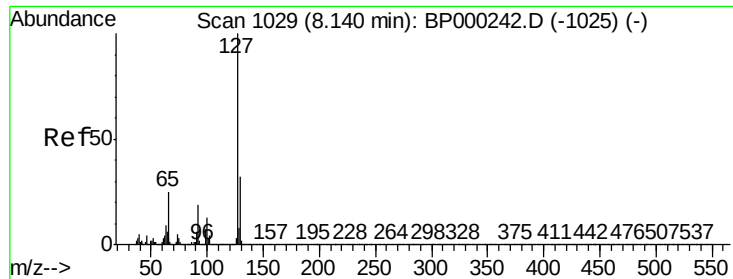
Ion Ratio Lower Upper

122 100

105 125.3 105.4 145.4

77 84.2 65.3 105.3

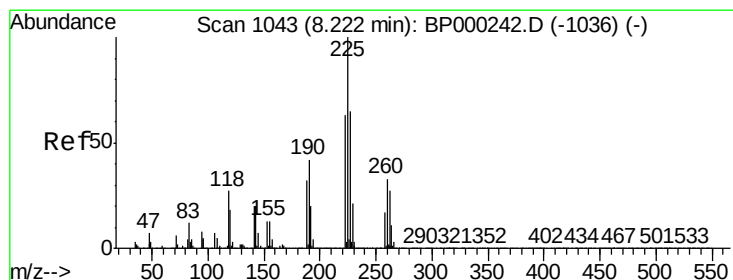
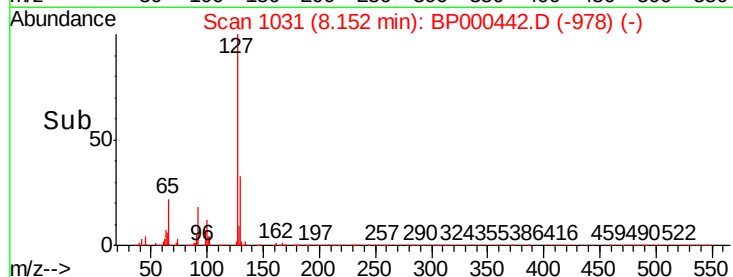
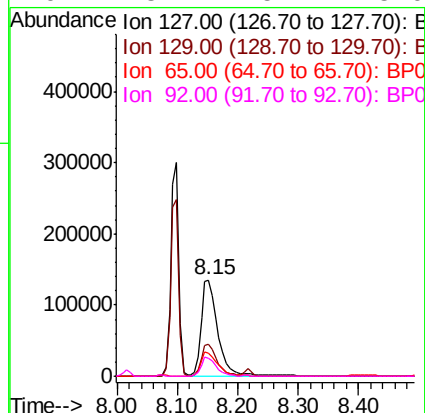
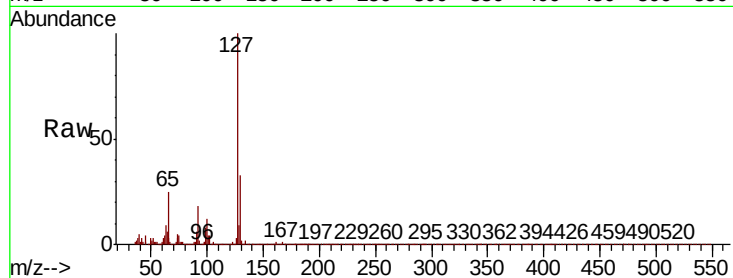




#33
4-Chloroaniline
Concen: 14.520 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

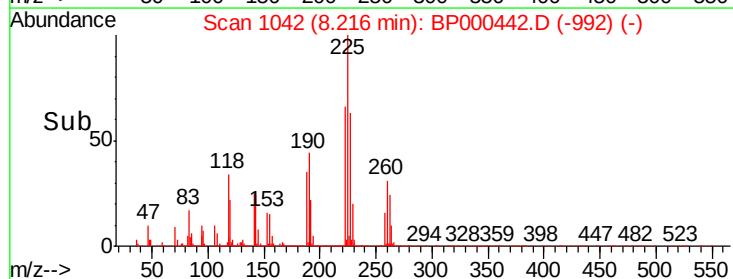
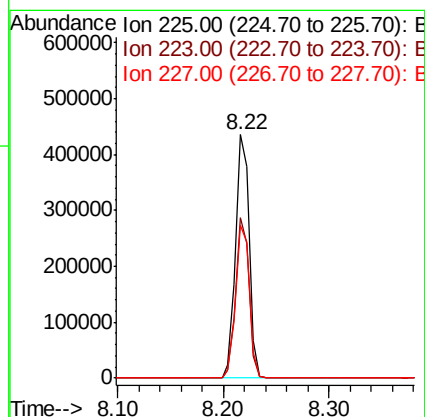
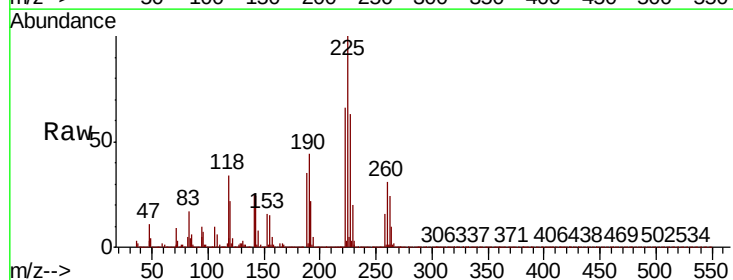
Instrument :
BNA_P
ClientSampleId :

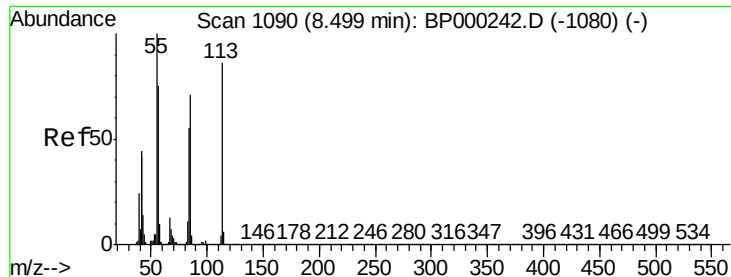
Tot Ion:127	Resp:	259008
Ion	Ratio	Lower Upper
127	100	
129	33.1	25.7 38.5
65	24.6	19.9 29.9
92	18.4	15.4 23.0



#34
Hexachlorobutadiene
Concen: 45.329 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:225	Resp:	381729
Ion	Ratio	Lower Upper
225	100	
223	65.7	50.2 75.2
227	62.9	51.8 77.6

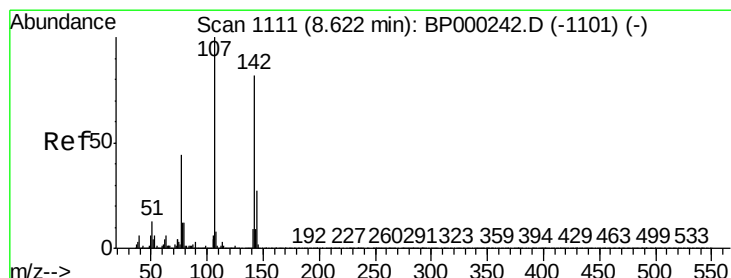
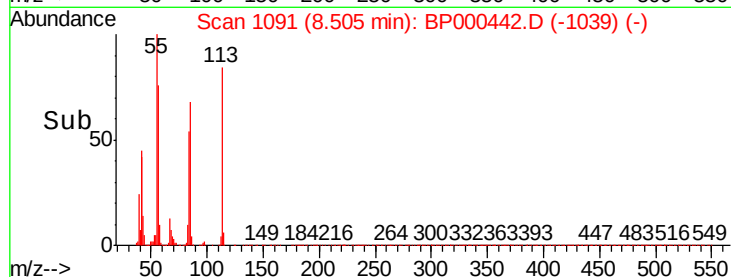
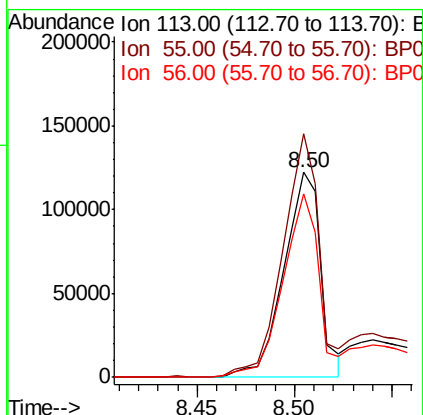
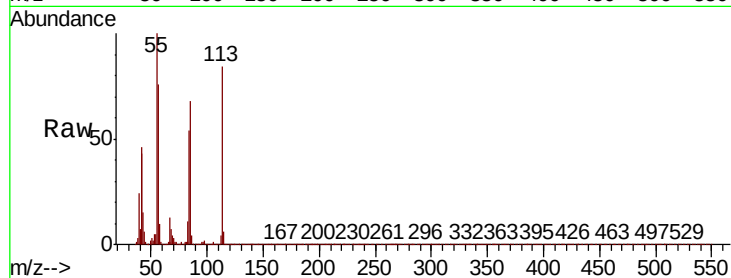




#35
Caprolactam
Concen: 37.631 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

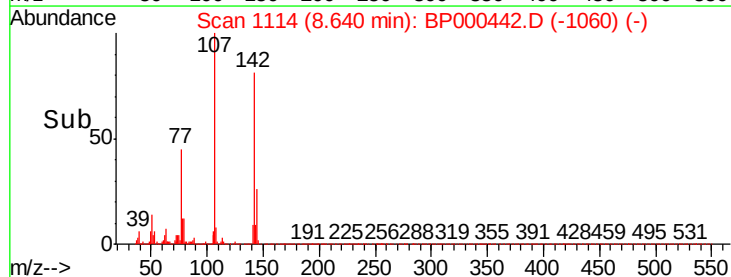
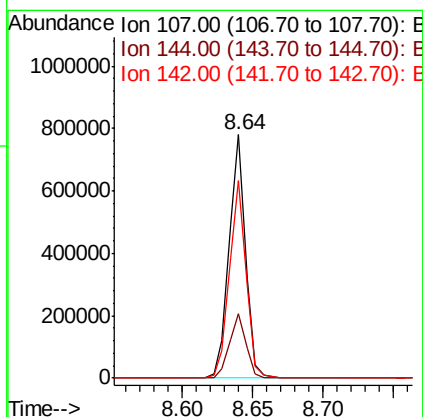
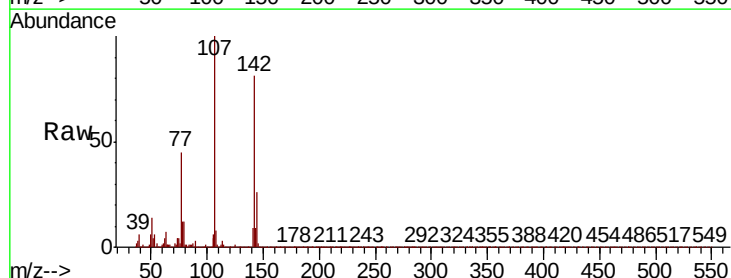
Instrument :
BNA_P
ClientSampleId :

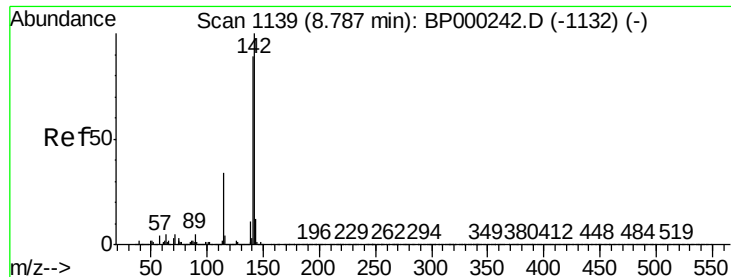
Tot Ion:113 Resp: 158735
Ion Ratio Lower Upper
113 100
55 118.9 96.8 136.8
56 89.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 50.319 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:107 Resp: 633403
Ion Ratio Lower Upper
107 100
144 26.4 21.5 32.3
142 81.4 65.7 98.5

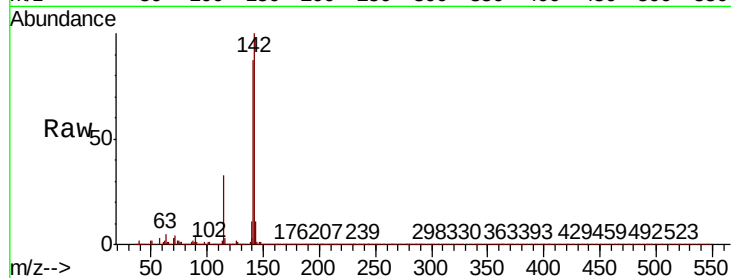




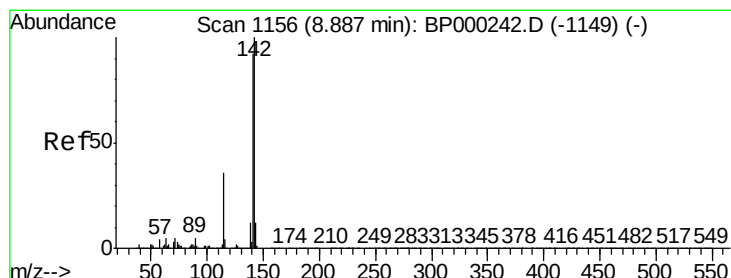
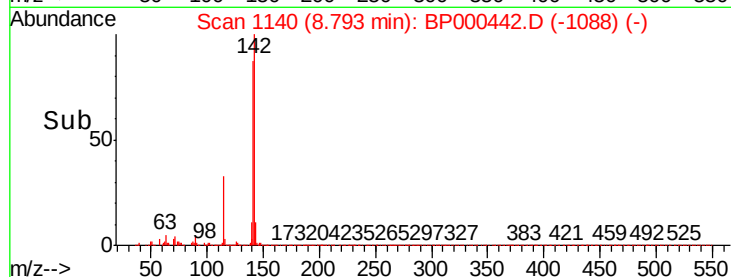
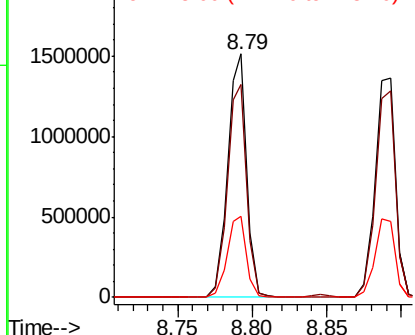
#37
2-Methylnaphthalene
Concen: 50.573 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion:142 Resp: 1362647
Ion Ratio Lower Upper
142 100
141 87.3 71.3 106.9
115 33.1 27.2 40.8

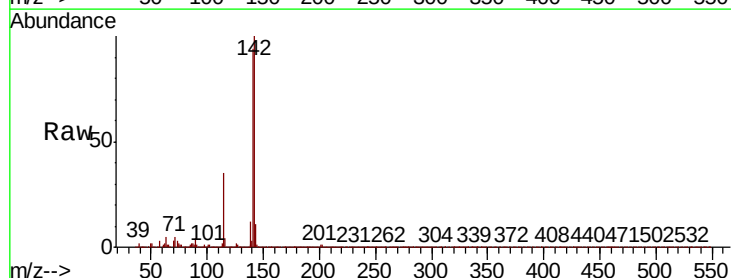


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

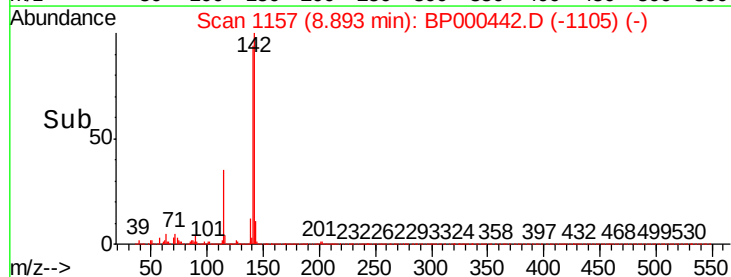
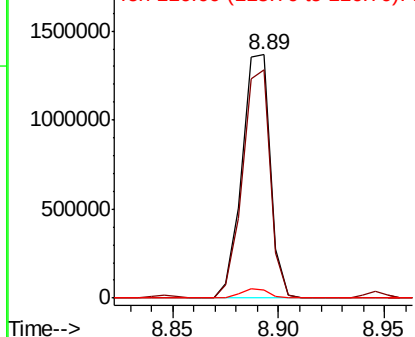


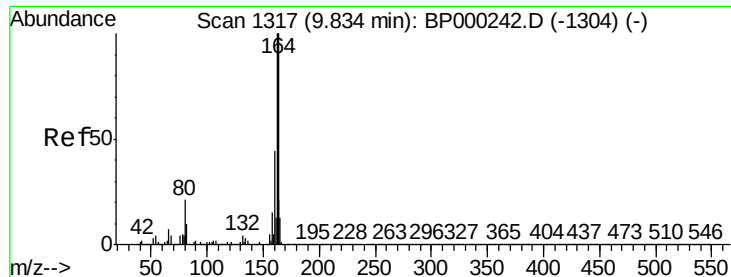
#38
1-Methylnaphthalene
Concen: 50.440 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:142 Resp: 1273101
Ion Ratio Lower Upper
142 100
141 93.7 73.9 110.9
116 3.5 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

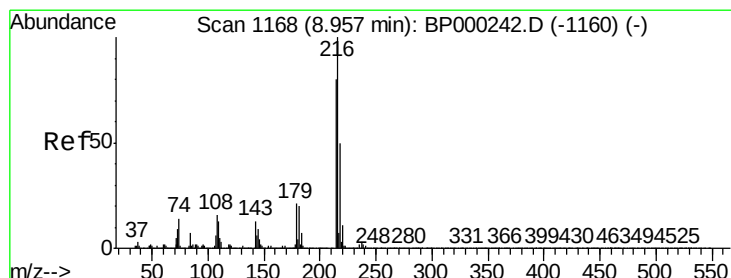
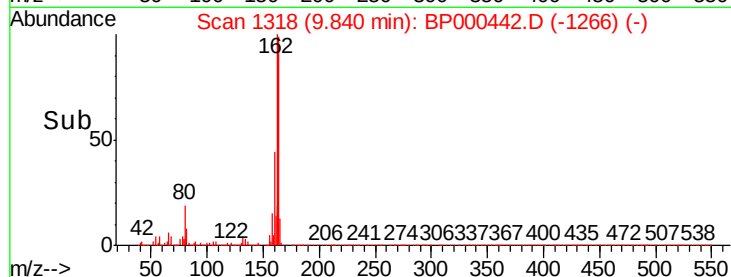
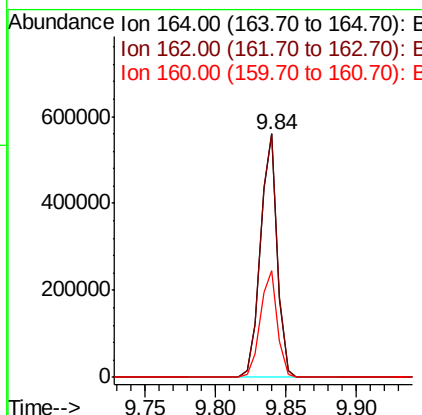
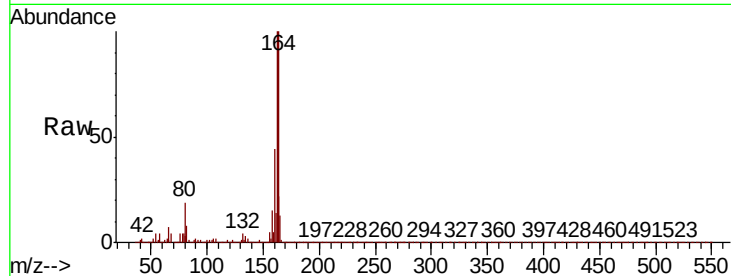




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

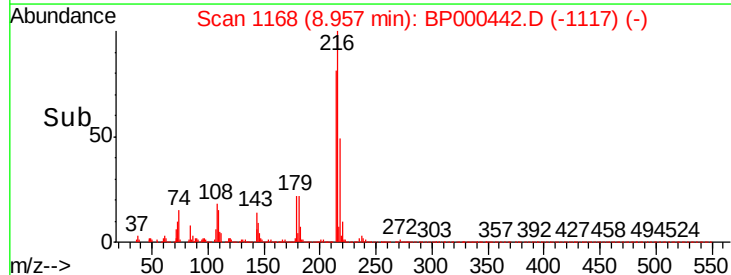
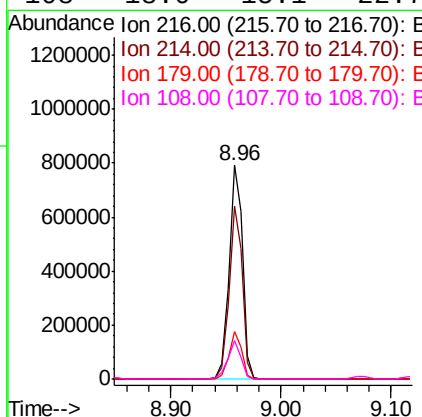
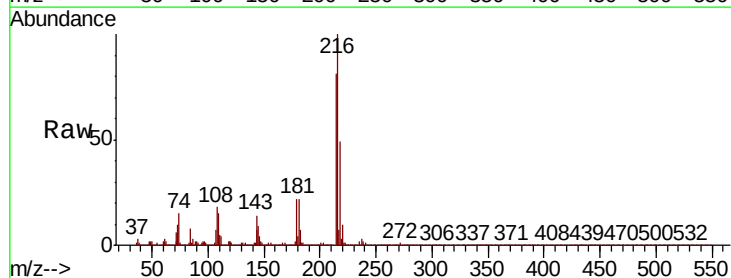
Instrument :
BNA_P
ClientSampleId :

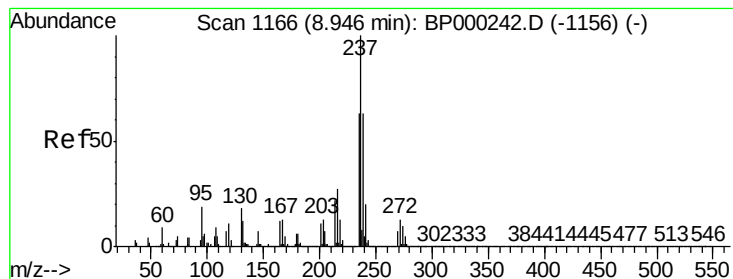
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.1	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.059 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.6	95.4
179	21.3	17.0	25.4
108	18.0	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 26.956 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

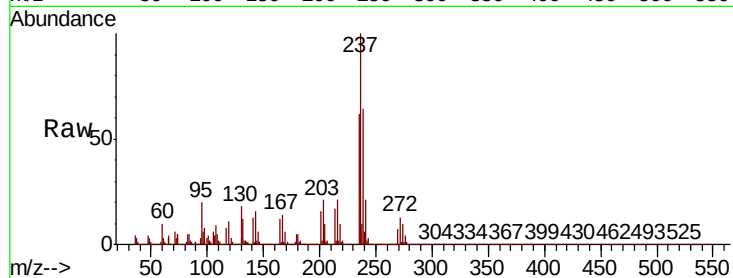
Tot Ion:237 Resp: 207541

Ion Ratio Lower Upper

237 100

235 61.7 43.5 83.5

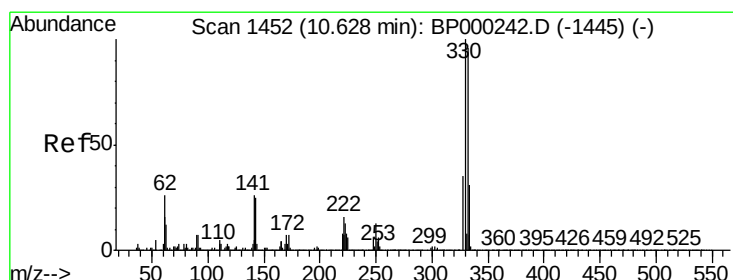
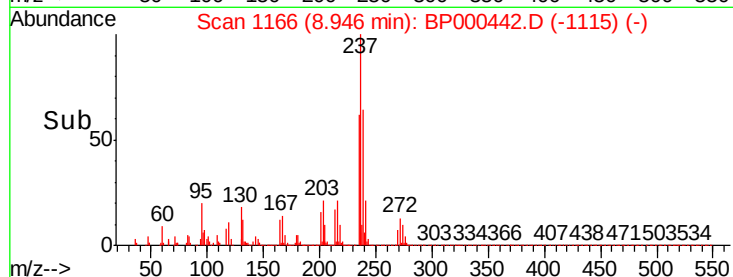
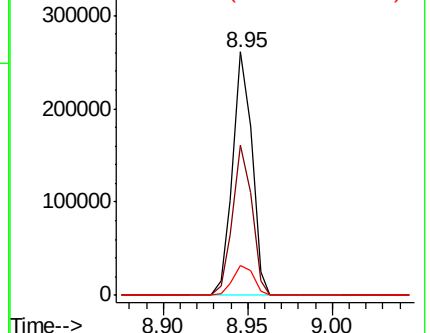
272 12.5 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 146.626 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

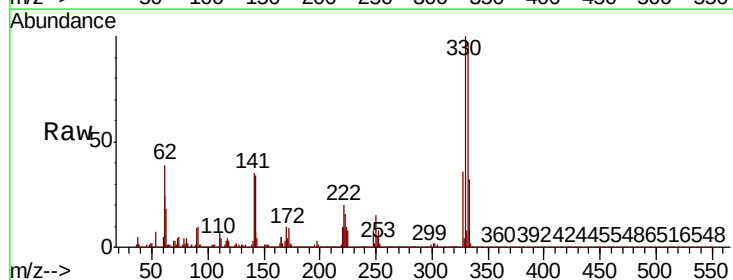
Tgt Ion:330 Resp: 682000

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

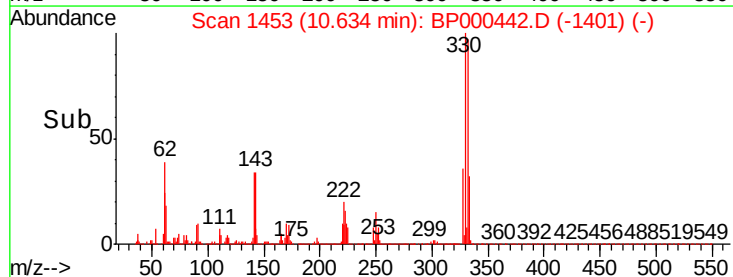
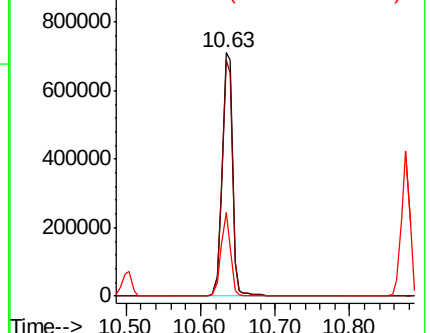
141 31.6 26.5 39.7

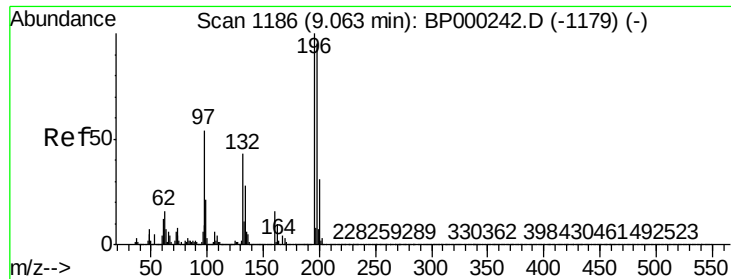


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

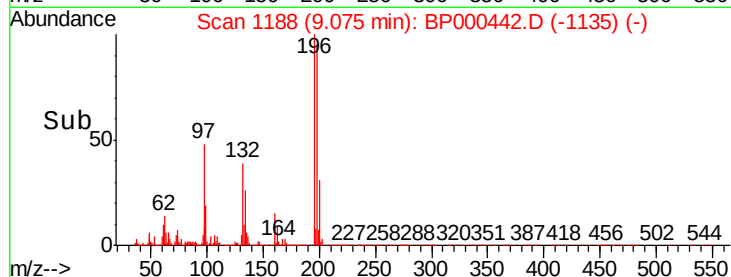
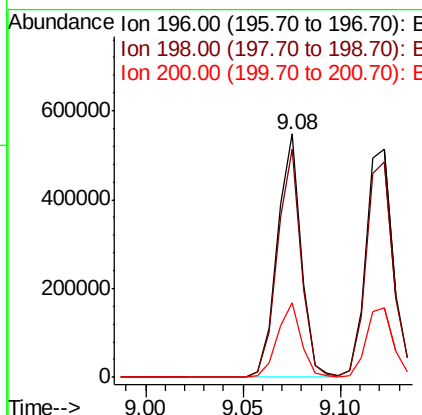
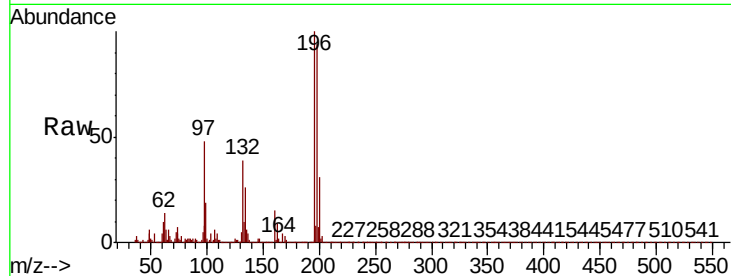




#43
2,4,6-Trichlorophenol
Concen: 49.903 ng
RT: 9.08 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

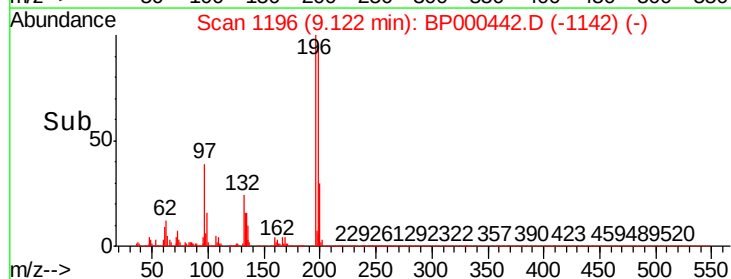
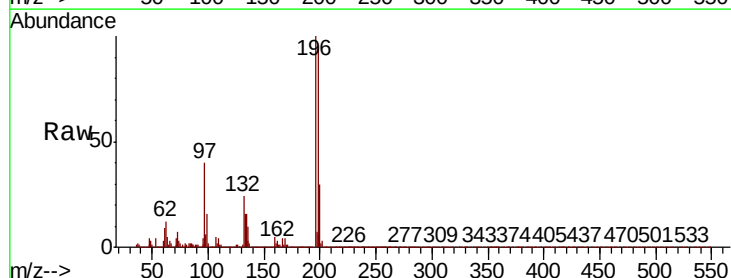
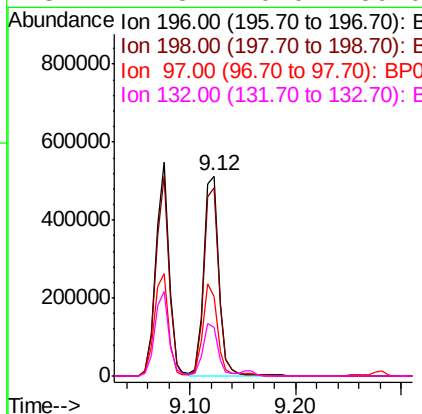
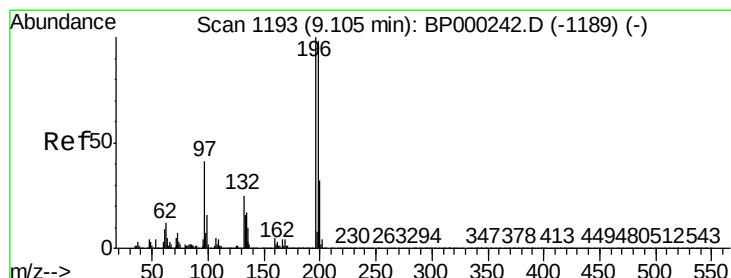
Instrument :
BNA_P
ClientSampleId :

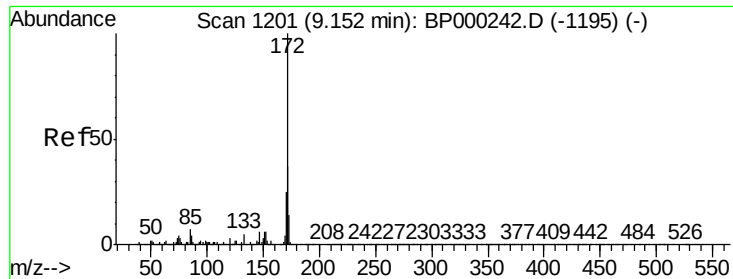
Tot Ion:196 Resp: 462989
Ion Ratio Lower Upper
196 100
198 93.7 76.0 114.0
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 53.407 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:196 Resp: 507366
Ion Ratio Lower Upper
196 100
198 94.3 78.1 117.1
97 39.5 33.3 49.9
132 24.3 20.0 30.0

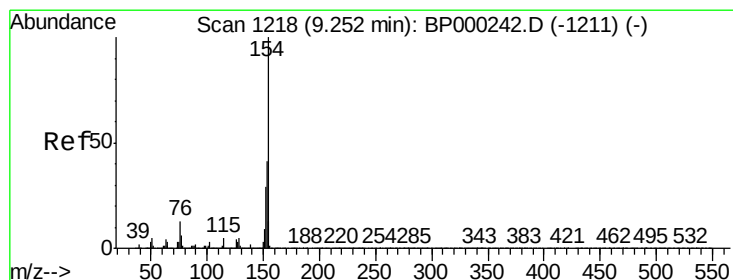
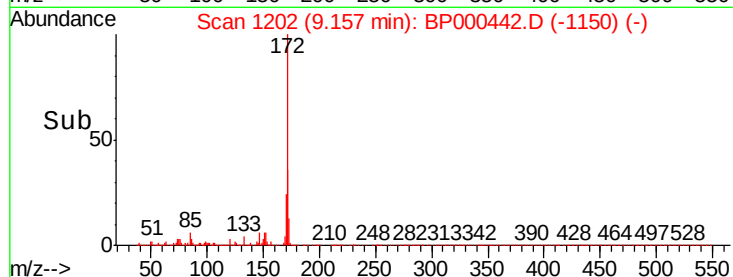
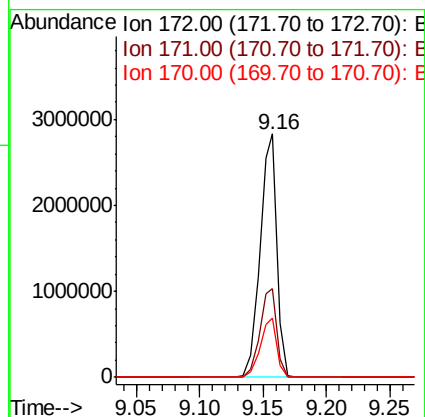
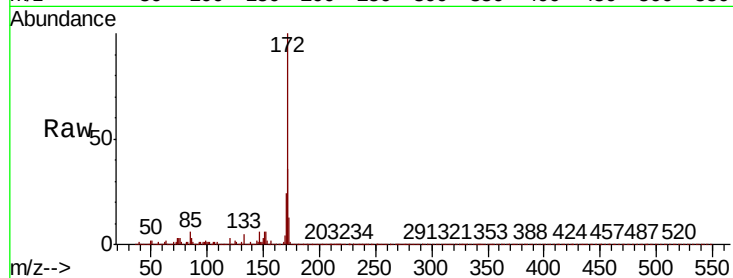




#45
2-Fluorobiphenyl
Concen: 101.677 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

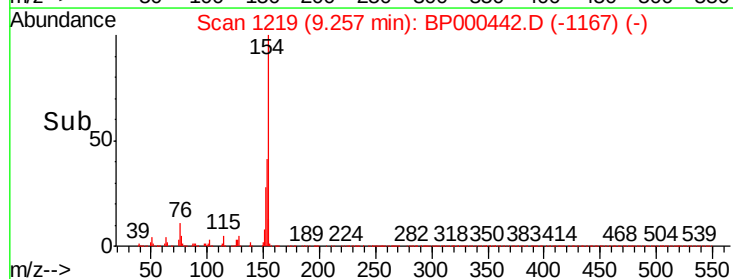
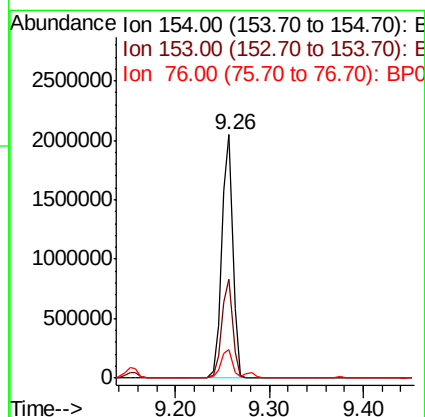
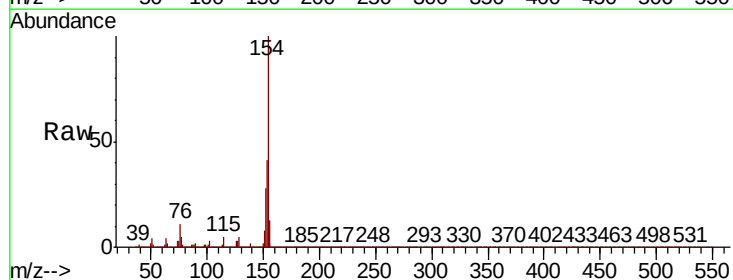
Instrument :
BNA_P
ClientSampleId :

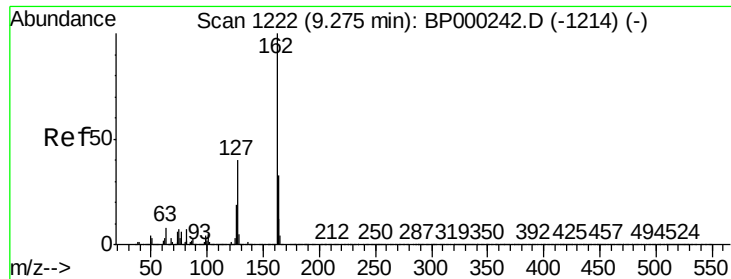
Tot Ion:172 Resp: 2649232
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 51.798 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:154 Resp: 1680371
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 11.5 0.0 33.4

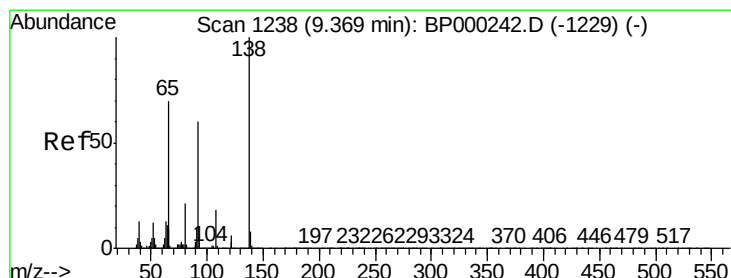
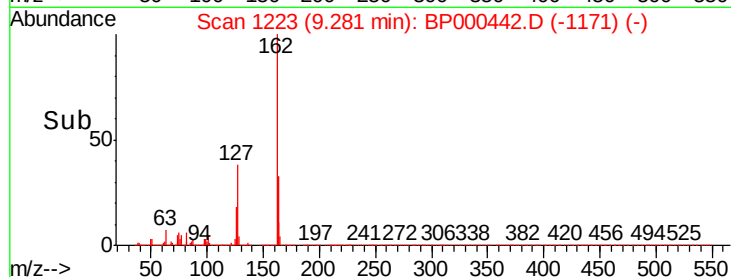
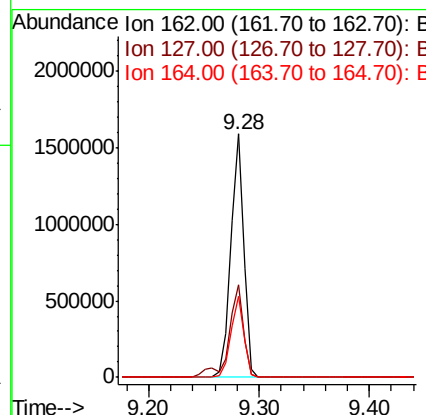
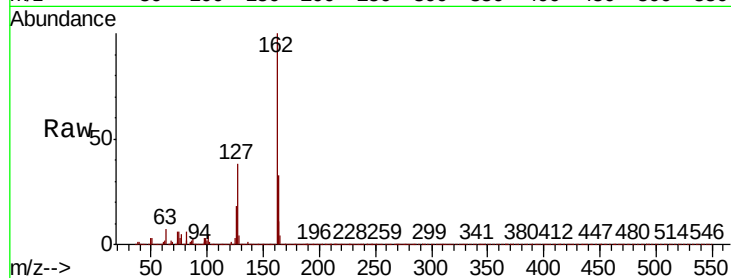




#47
 2-Chloronaphthalene
 Concen: 48.273 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

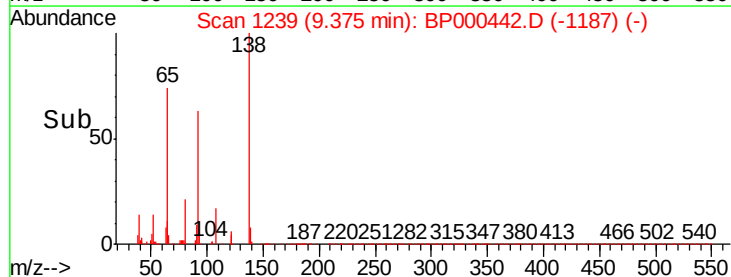
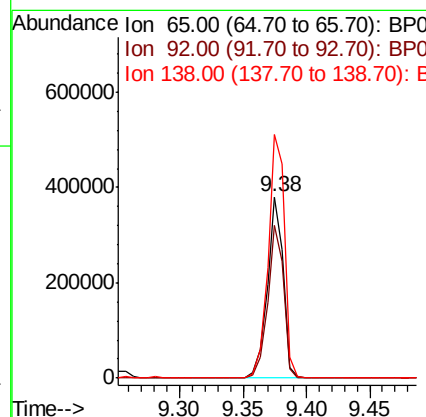
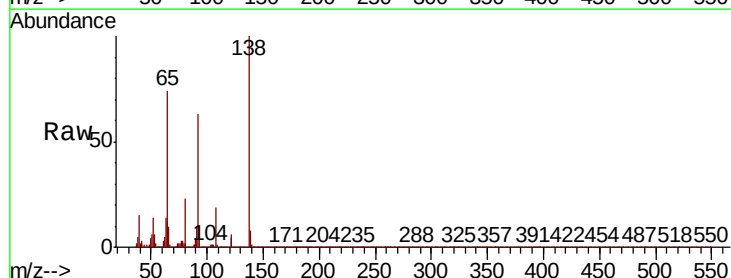
Instrument :
 BNA_P
 ClientSampleId :

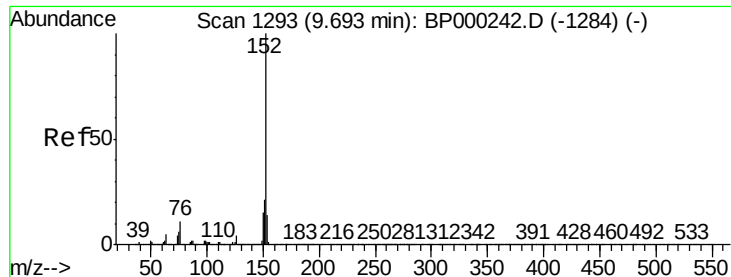
Tot Ion:162 Resp: 1313665
 Ion Ratio Lower Upper
 162 100
 127 37.8 32.4 48.6
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 48.514 ng
 RT: 9.38 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

Tgt Ion: 65 Resp: 335268
 Ion Ratio Lower Upper
 65 100
 92 84.5 68.7 103.1
 138 134.3 114.4 171.6





#49

Acenaphthylene

Concen: 49.954 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

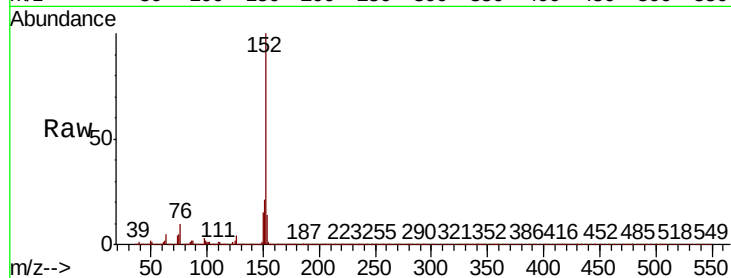
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2043451

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	14.1	11.0	16.4

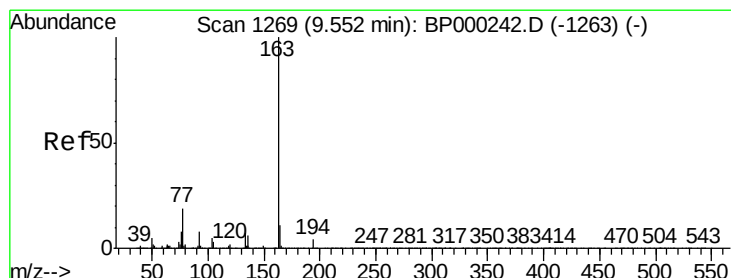
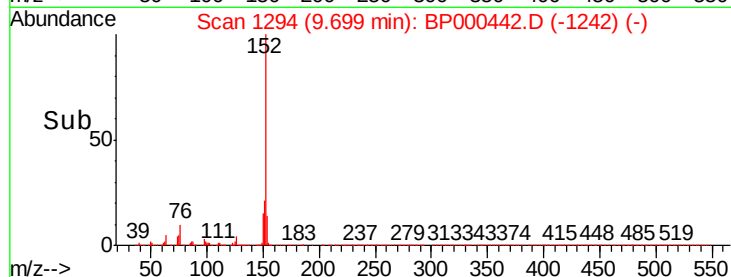
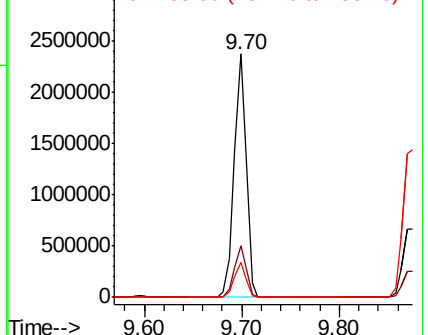


Abundance

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: 58.787 ng

RT: 9.56 min Scan# 1270

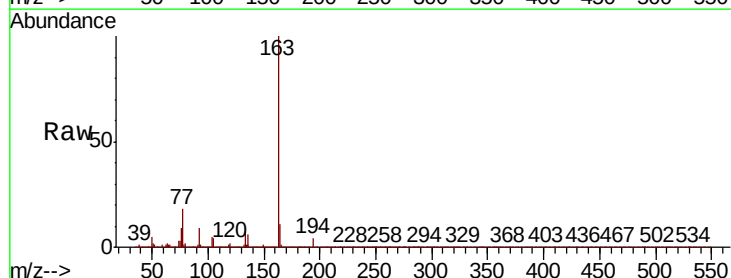
Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:163 Resp: 1878240

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.9	8.5	12.7

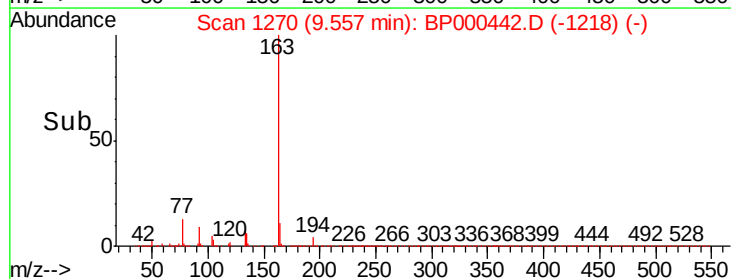
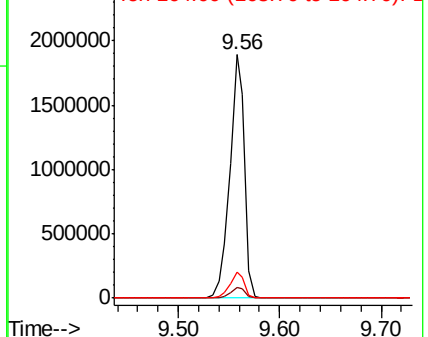


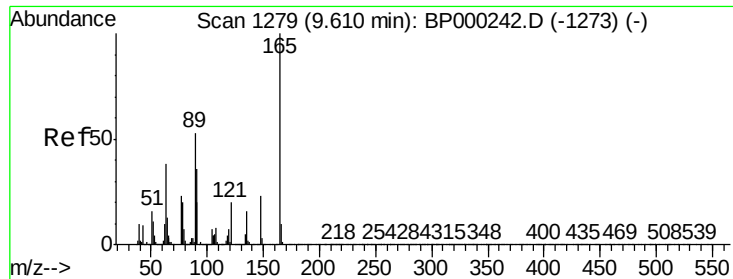
Abundance

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

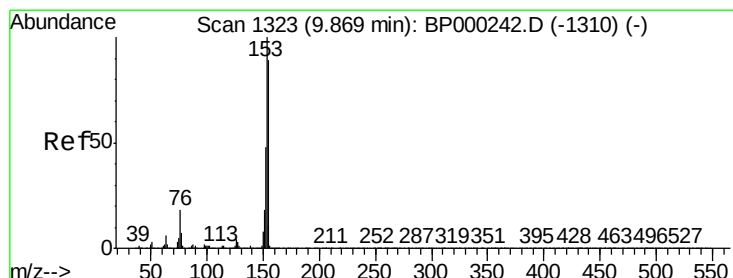
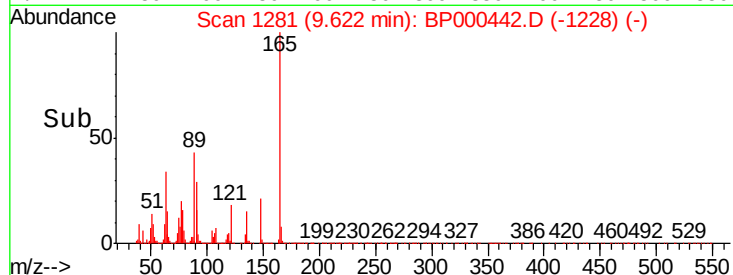
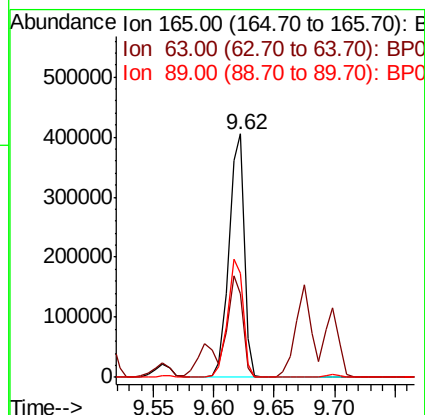
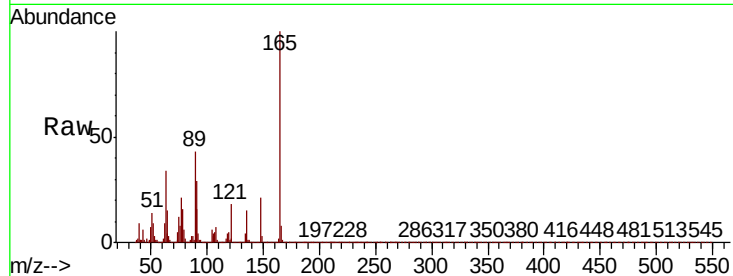




#51
 2,6-Dinitrotoluene
 Concen: 50.230 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

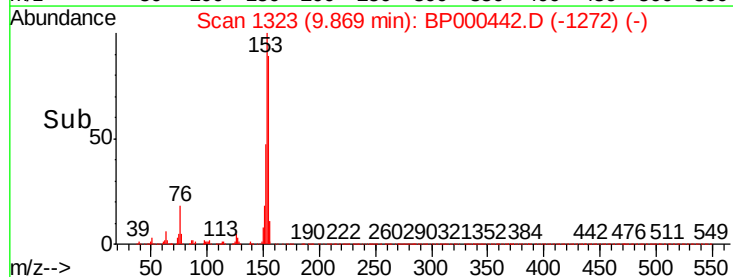
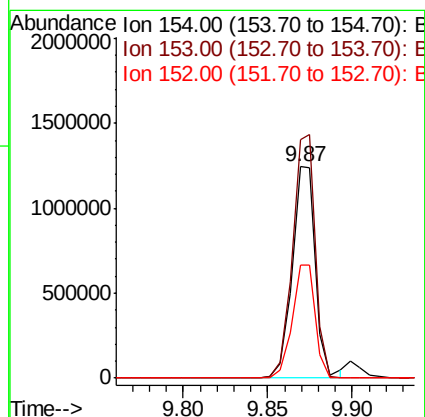
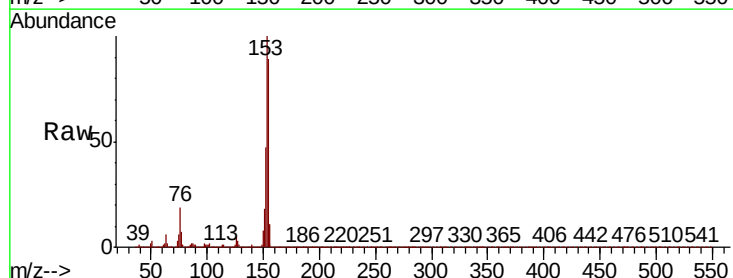
Instrument :
 BNA_P
 ClientSampleId :

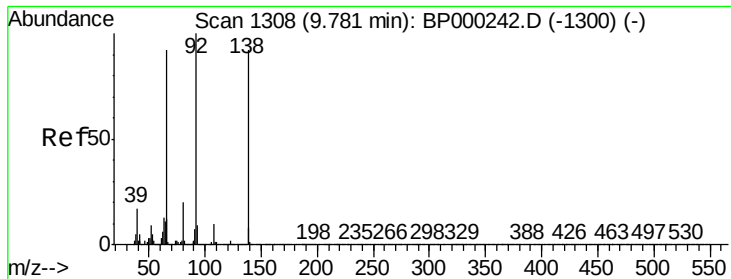
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	35.8	53.8#
89	42.9	42.6	63.8



#52
 Acenaphthene
 Concen: 46.487 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.6
152	53.6	43.4	65.0

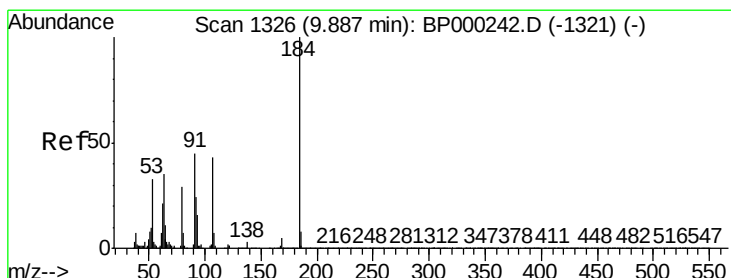
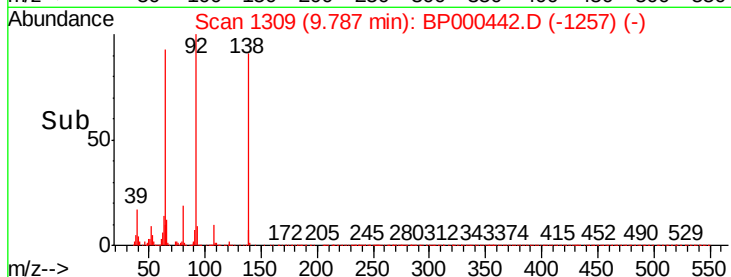
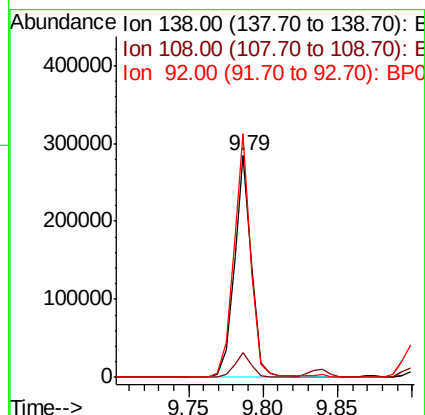
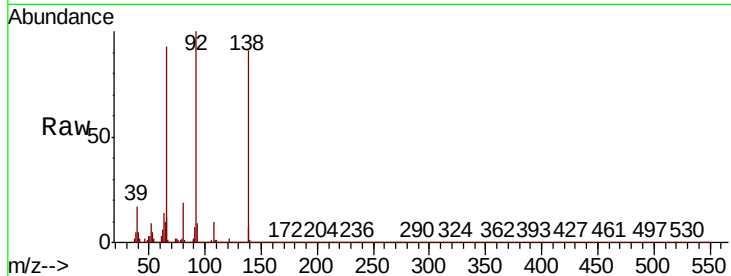




#53
3-Nitroaniline
Concen: 28.087 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

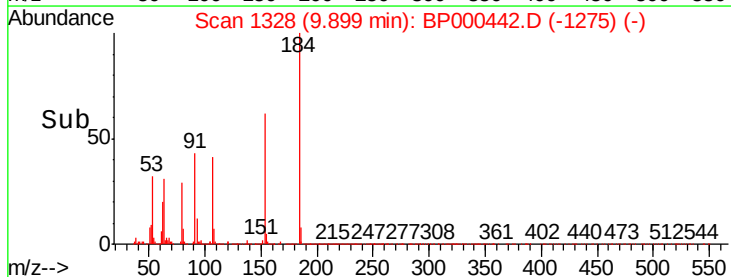
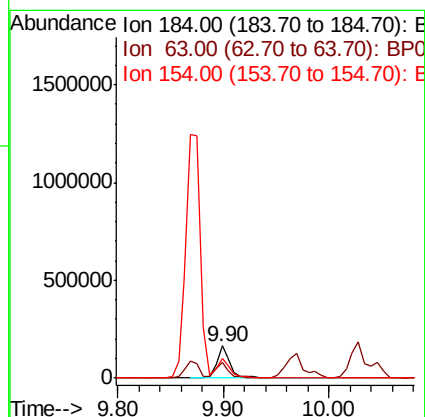
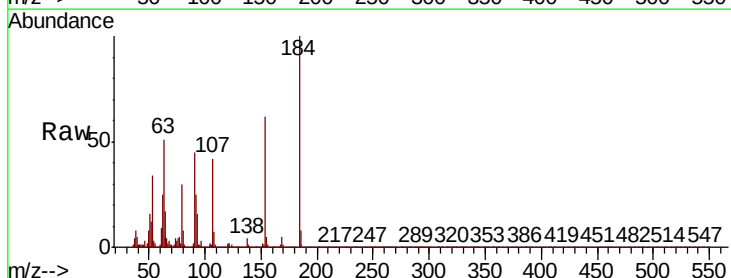
Instrument :
BNA_P
ClientSampleId :

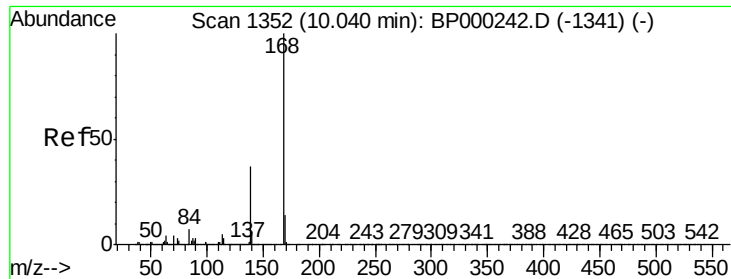
Tot Ion:138 Resp: 229023
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 110.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 49.344 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:184 Resp: 153148
Ion Ratio Lower Upper
184 100
63 50.8 39.5 59.3
154 62.1 48.8 73.2





#55

Dibenzofuran

Concen: 51.740 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

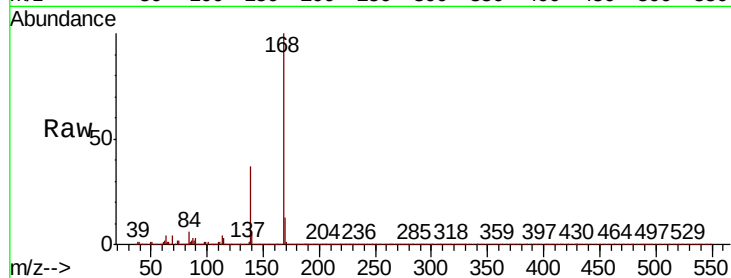
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 1888114

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.0	45.0
169	13.3	11.0	16.6

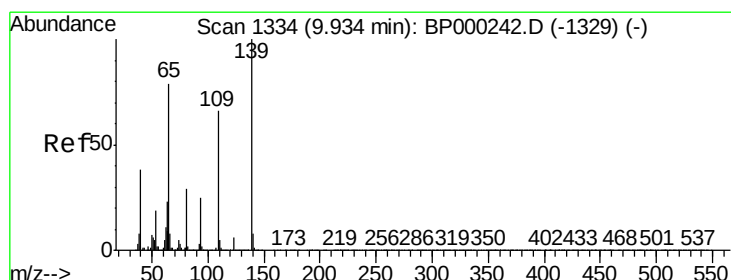
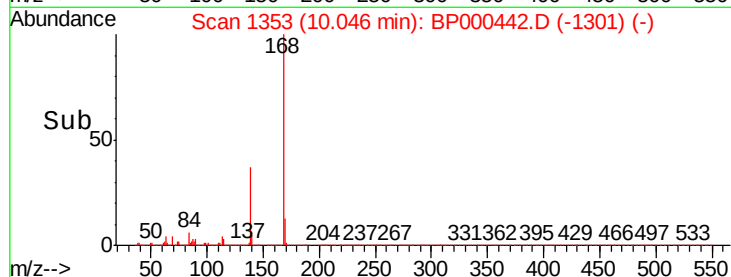
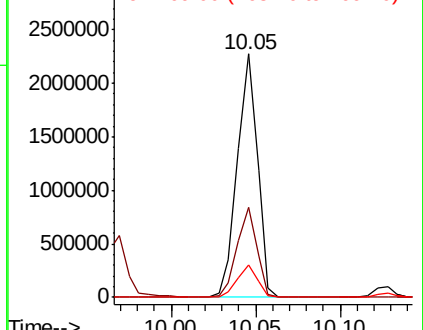


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.663 ng

RT: 9.97 min Scan# 1340

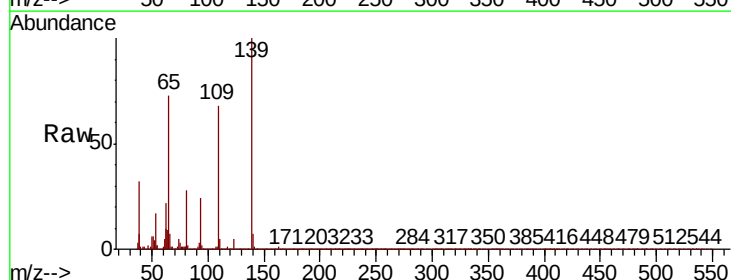
Delta R.T. 0.04 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:139 Resp: 549859

Ion	Ratio	Lower	Upper
139	100		
109	68.1	46.2	86.2
65	72.8	59.4	99.4

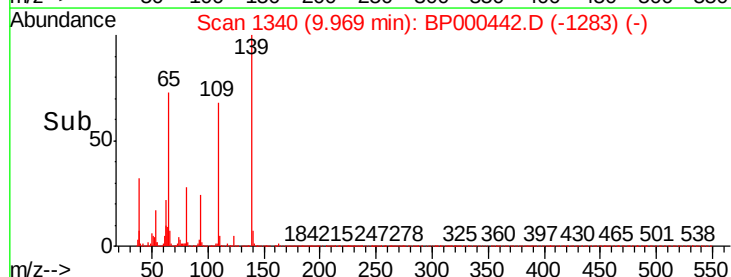
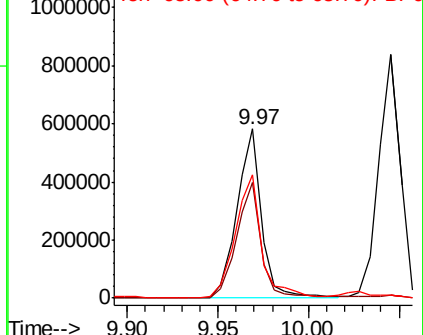


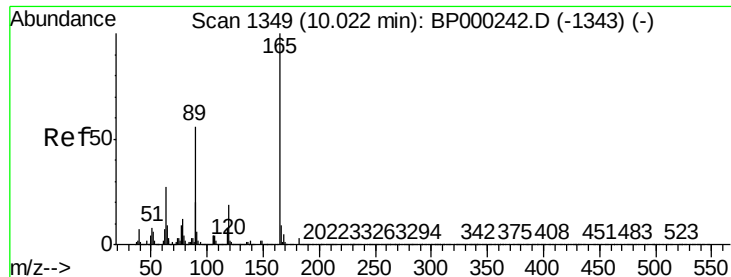
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 50.402 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 462882

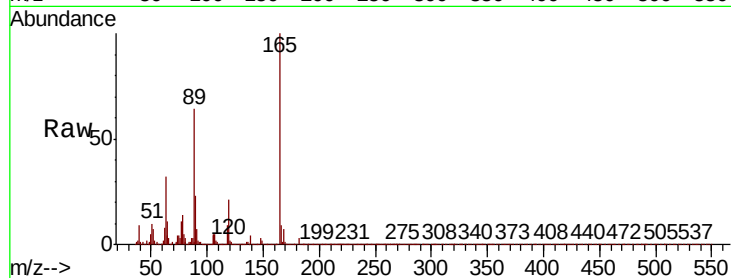
Ion Ratio Lower Upper

165 100

63 32.2 21.7 32.5

89 64.0 45.0 67.6

182 3.0 2.4 3.6

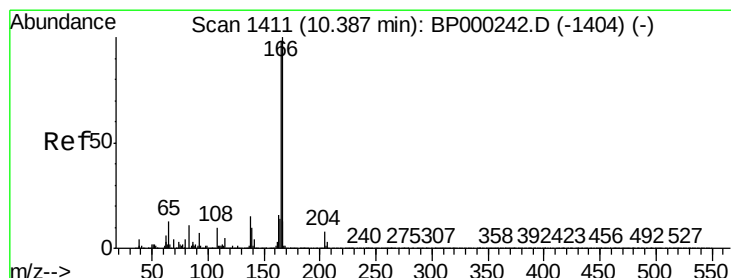
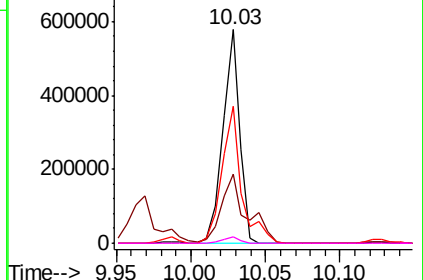
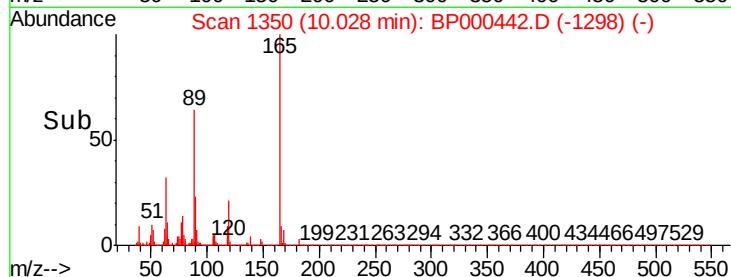


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.612 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

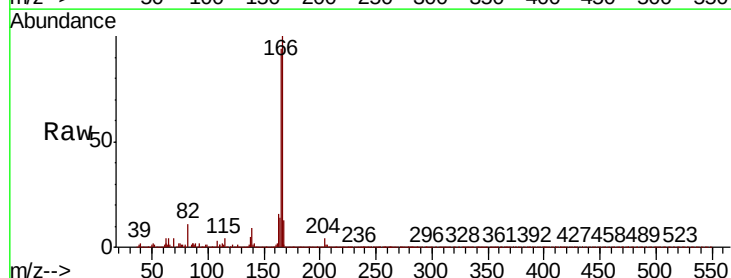
Tgt Ion:166 Resp: 1426551

Ion Ratio Lower Upper

166 100

165 94.4 78.2 117.2

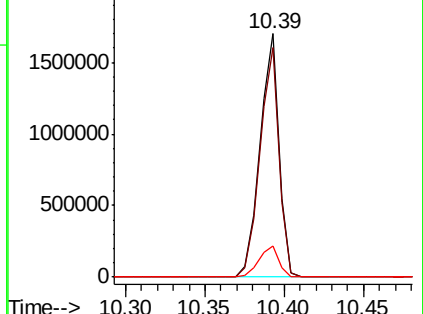
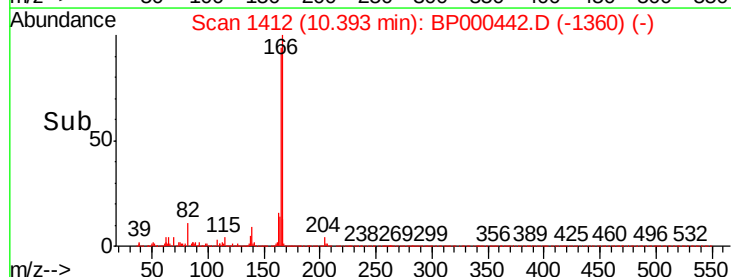
167 12.9 10.7 16.1

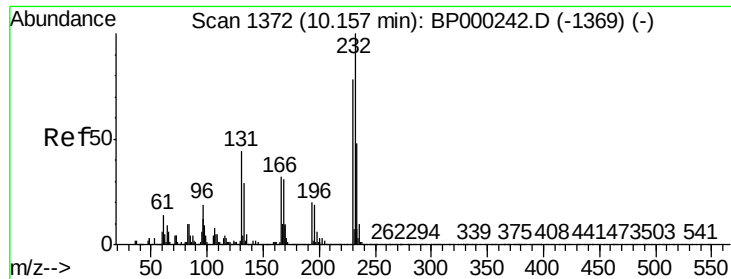


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

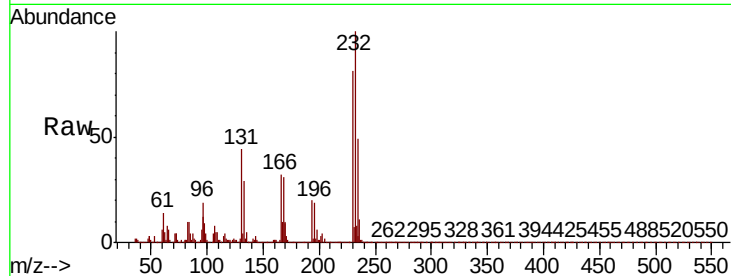




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.913 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Instrument :
BNA_P
ClientSampled :

Tot Ion:	232	Resp:	405816
Ion	Ratio	Lower	Upper
232	100		
131	40.1	33.6	50.4
130	2.1	1.8	2.6
166	29.3	24.2	36.2



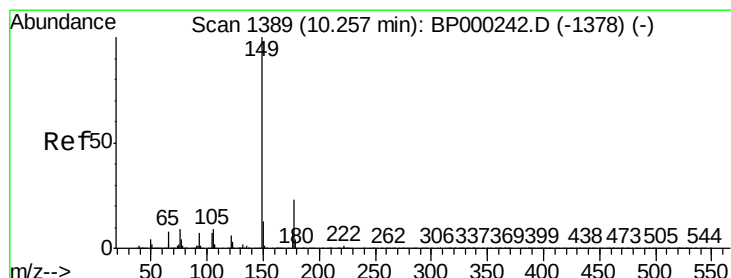
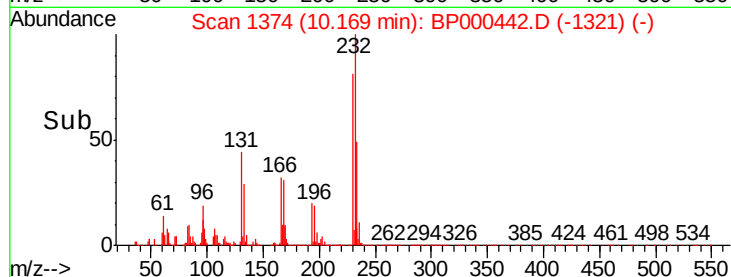
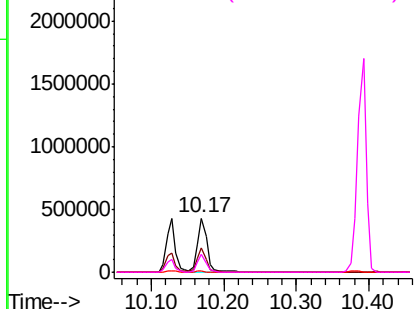
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

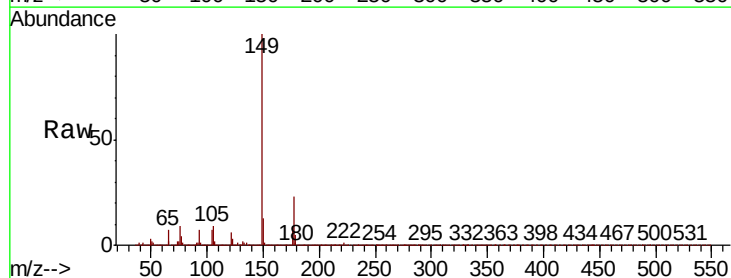
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.538 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:	149	Resp:	1522544
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.8	10.3	15.5

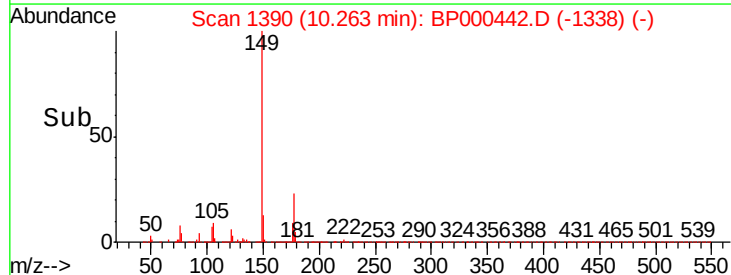
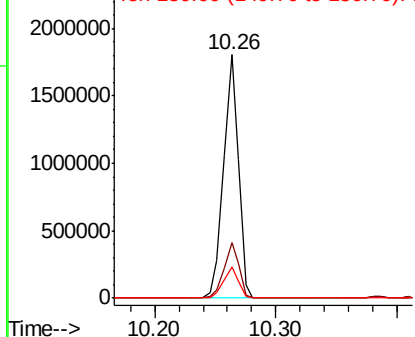


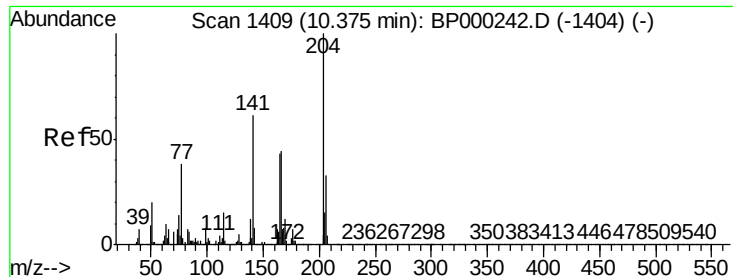
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

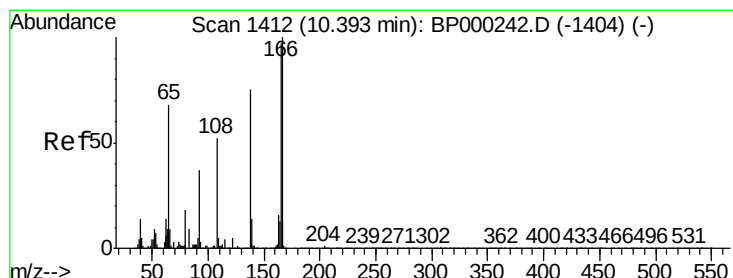
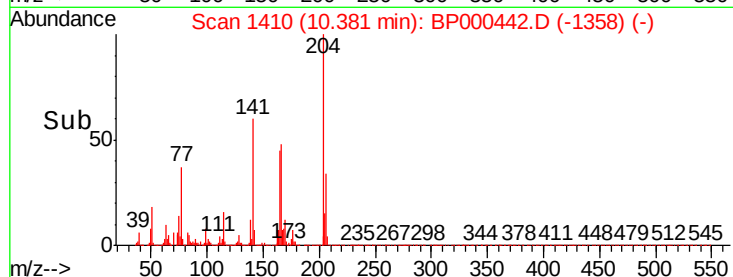
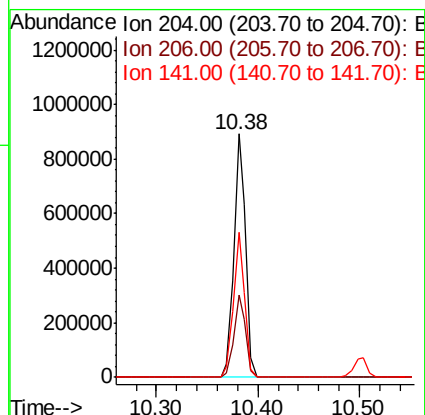
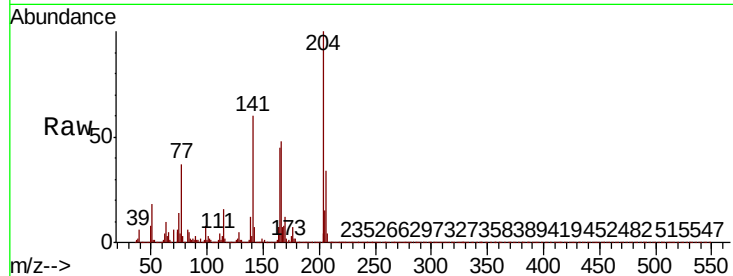




#61
4-Chlorophenyl-phenylether
Concen: 49.130 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

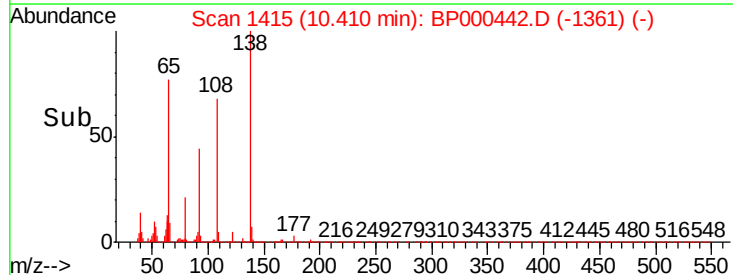
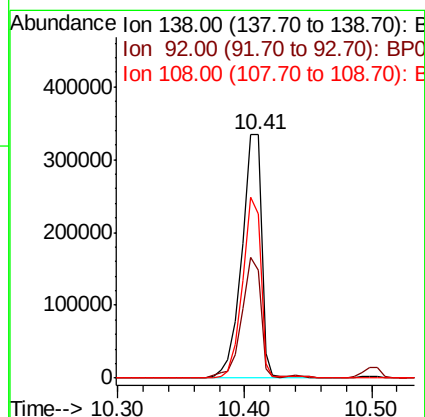
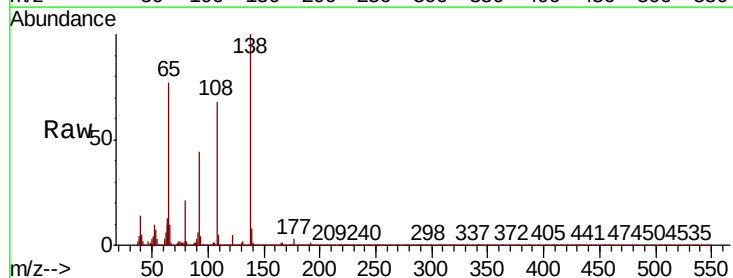
Instrument :
BNA_P
ClientSampled :

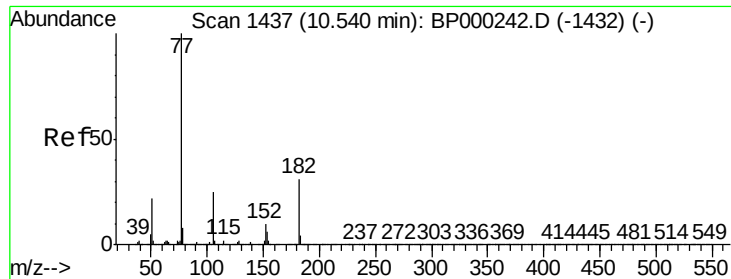
Tot Ion:204 Resp: 710828
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 59.8 48.6 72.8



#62
4-Nitroaniline
Concen: 44.803 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:138 Resp: 359342
Ion Ratio Lower Upper
138 100
92 44.1 30.1 70.1
108 67.7 49.5 89.5

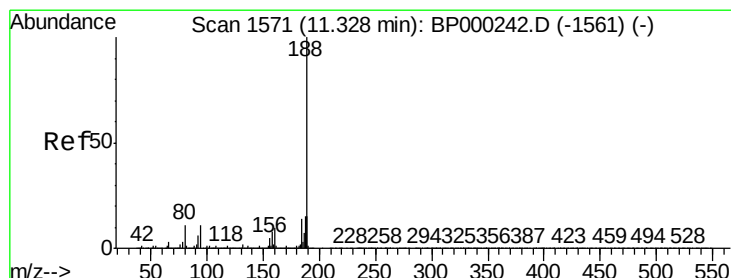
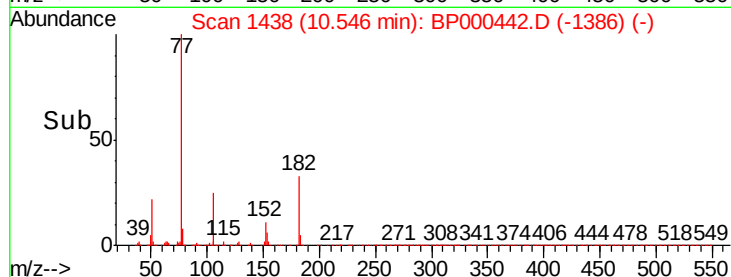
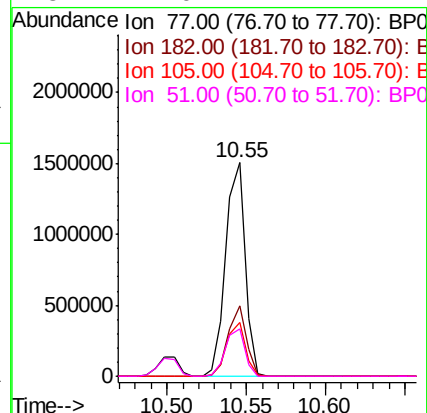
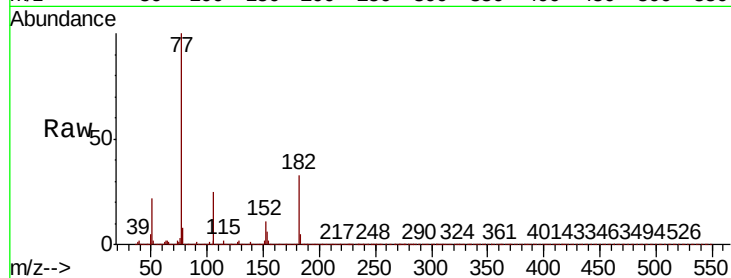




#63
Azobenzene
Concen: 49.258 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

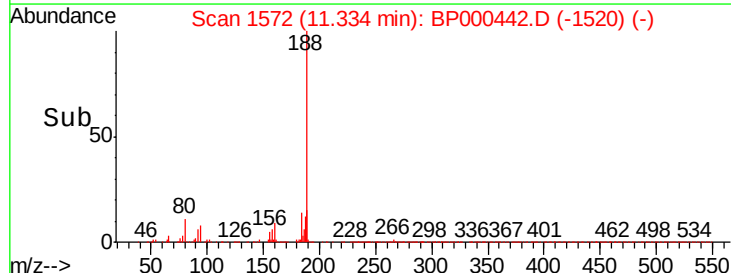
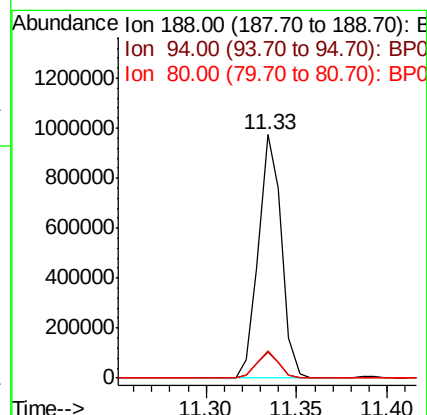
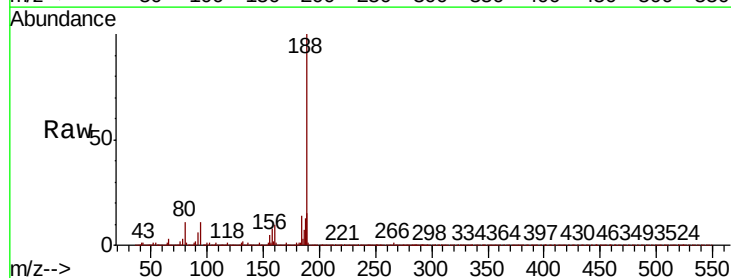
Instrument :
BNA_P
ClientSampleId :

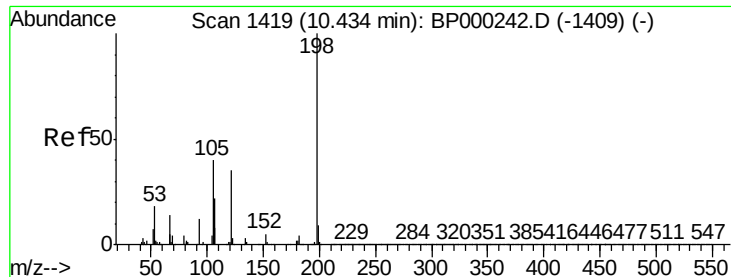
Tot Ion: 77 Resp: 1282627
Ion Ratio Lower Upper
77 100
182 32.9 11.1 51.1
105 25.0 4.7 44.7
51 22.0 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:188 Resp: 859096
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 8.6 13.0

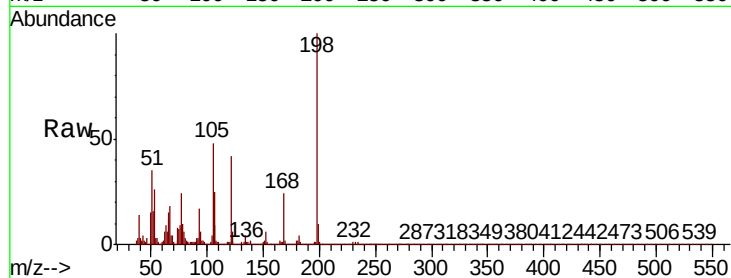




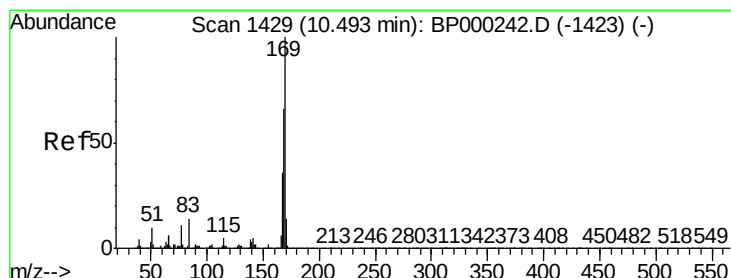
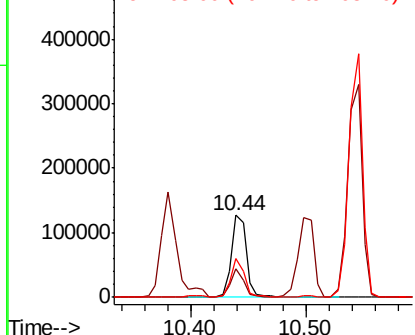
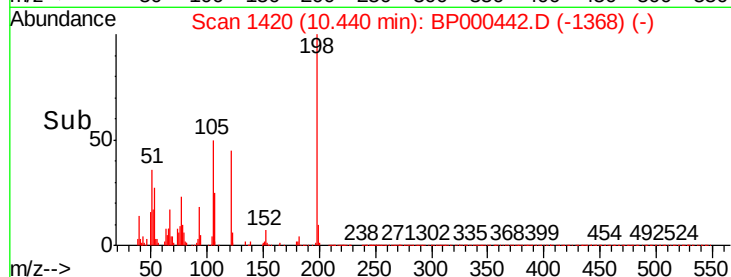
#65
4,6-Dinitro-2-methylphenol
Concen: 28.390 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Instrument :
BNA_P
ClientSampled :

Tot Ion:198 Resp: 114682
Ion Ratio Lower Upper
198 100
51 34.7 7.4 47.4
105 48.2 20.2 60.2

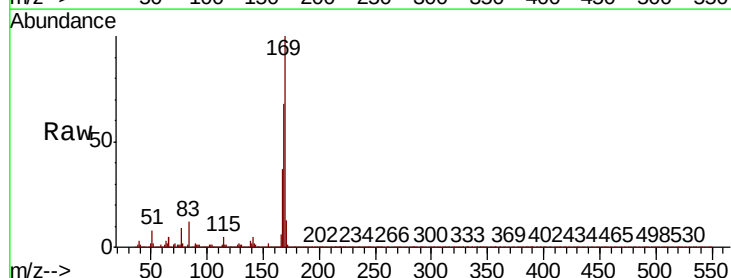


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

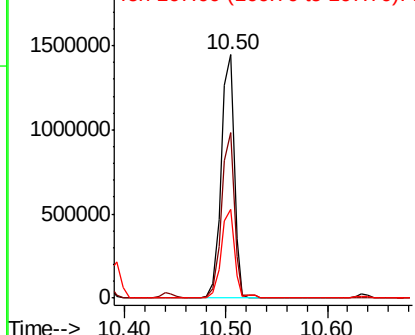
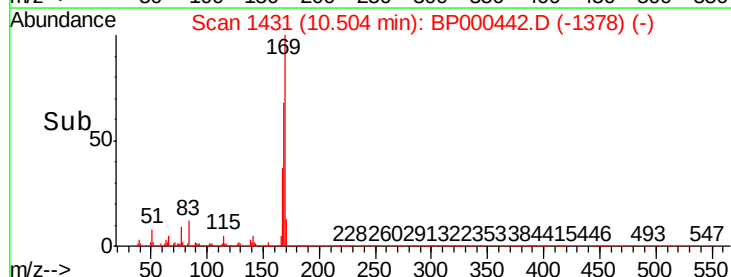


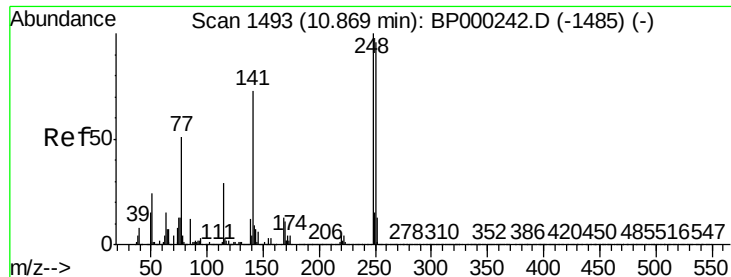
#66
n-Nitrosodiphenylamine
Concen: 49.891 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:169 Resp: 1290265
Ion Ratio Lower Upper
169 100
168 68.2 52.9 79.3
167 36.6 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: 47.432 ng

RT: 10.88 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BP000442.D

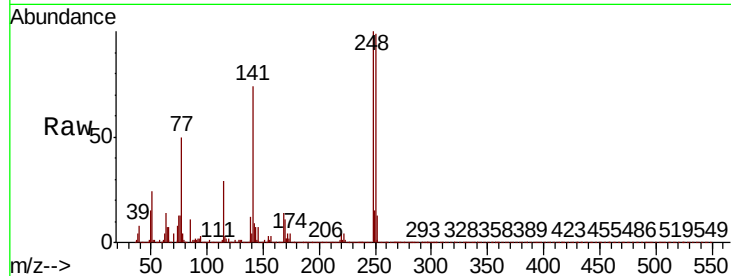
Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

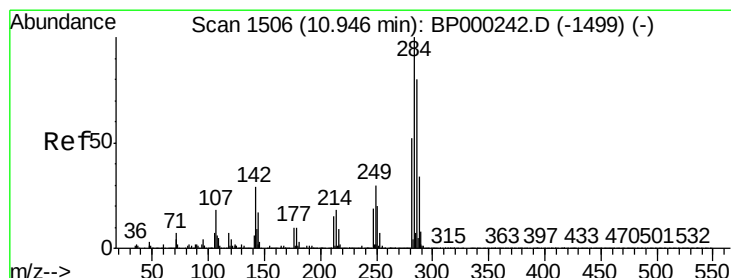
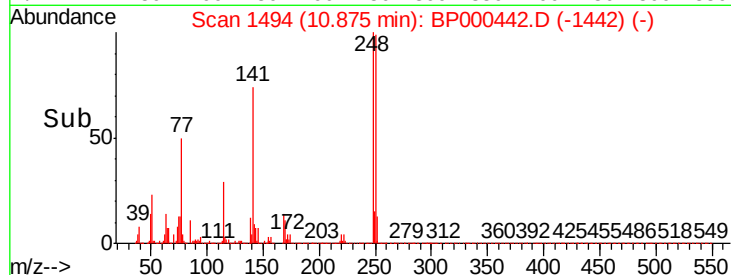
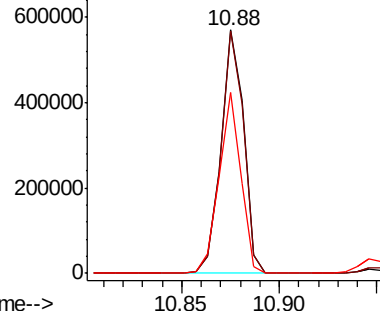
Tot Ion:248	Resp:	460789
Ion	Ratio	Lower Upper
248	100	
250	99.4	77.0 115.4
141	74.1	58.5 87.7



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: 46.608 ng

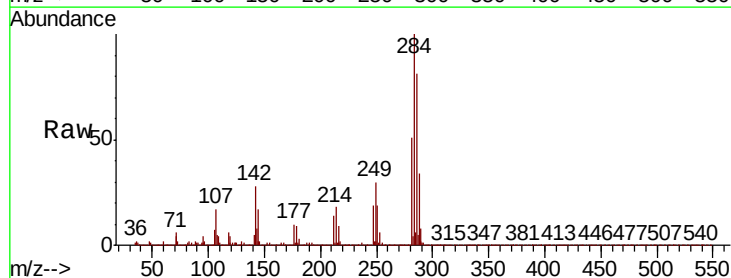
RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

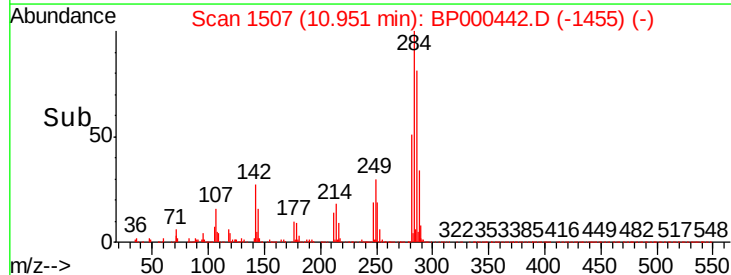
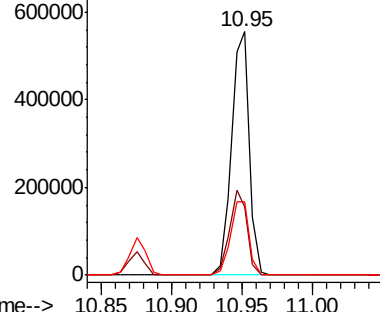
Tgt Ion:284	Resp:	495004
Ion	Ratio	Lower Upper
284	100	
142	27.9	23.6 35.4
249	29.9	24.3 36.5

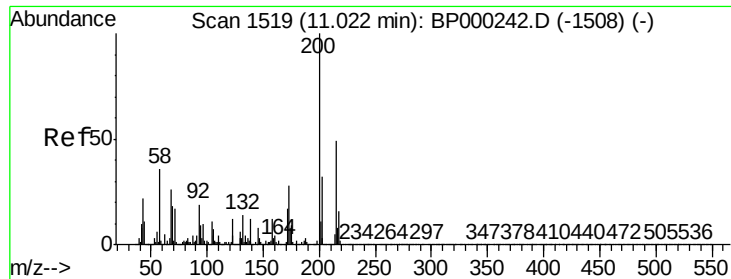


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

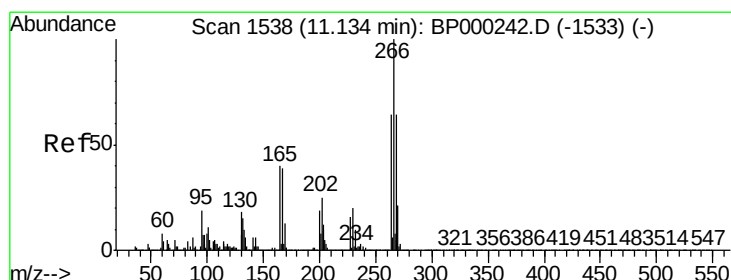
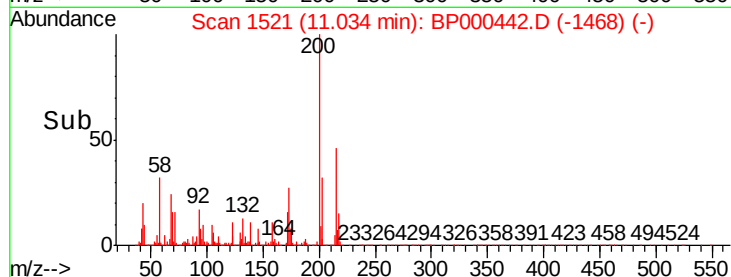
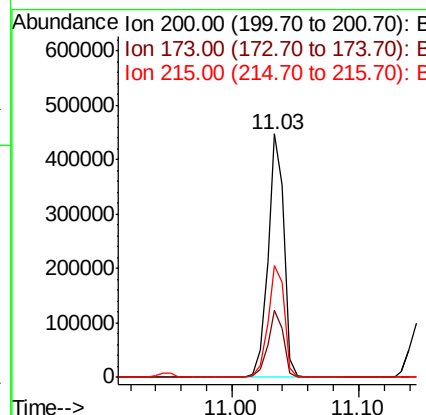
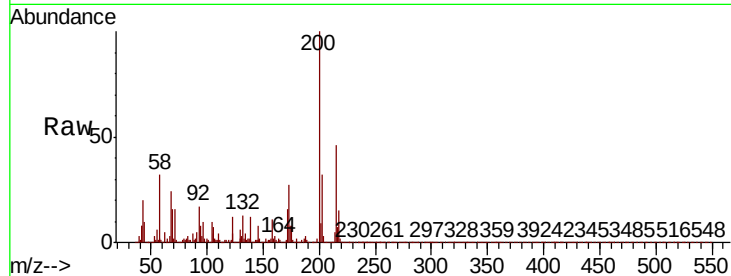




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

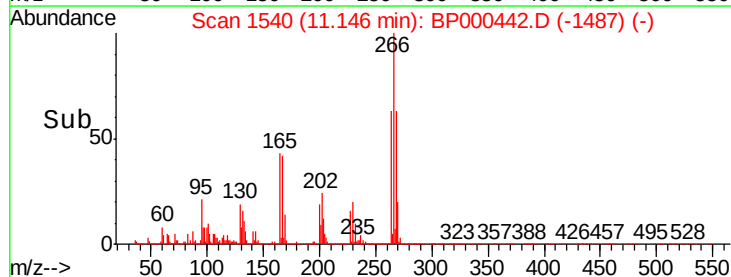
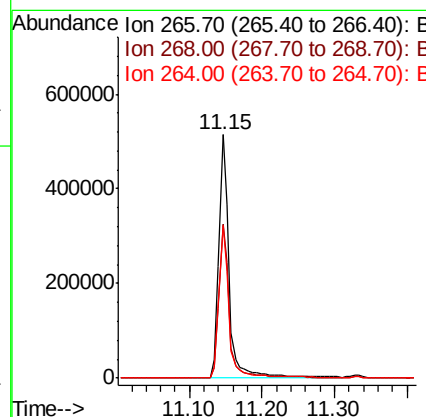
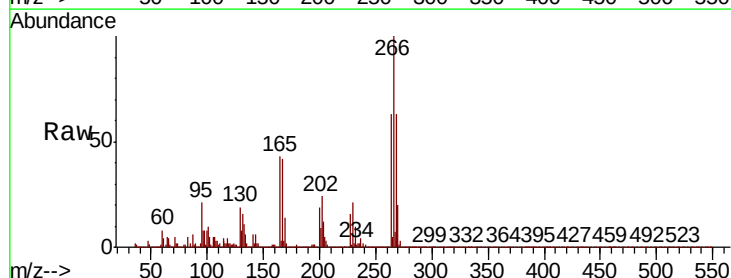
Instrument :
BNA_P
ClientSampled :

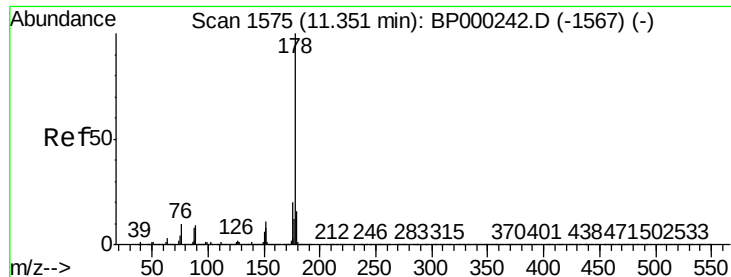
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	46.1	28.6	68.6



#70
Pentachlorophenol
Concen: 88.958 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.6	77.4
264	62.8	50.8	76.2





#71

Phenanthrene

Concen: 49.192 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

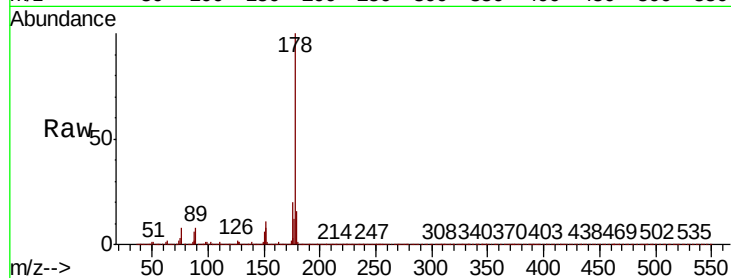
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 2117789

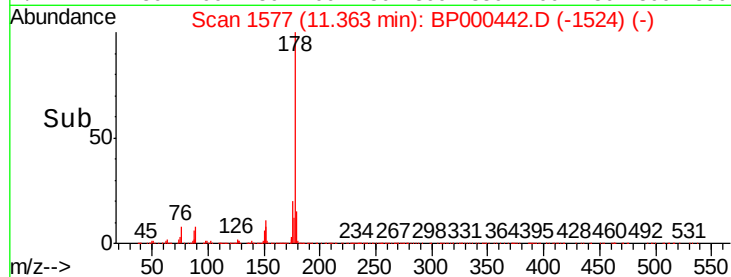
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.0	12.7	19.1



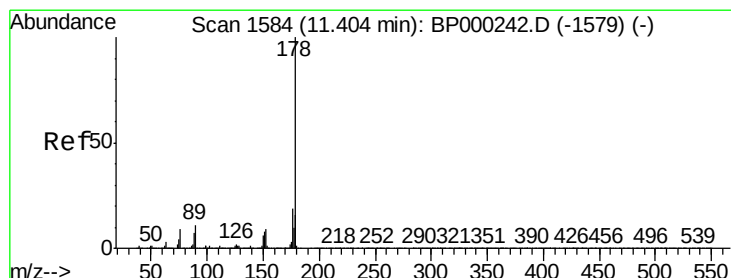
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 50.103 ng

RT: 11.42 min Scan# 1586

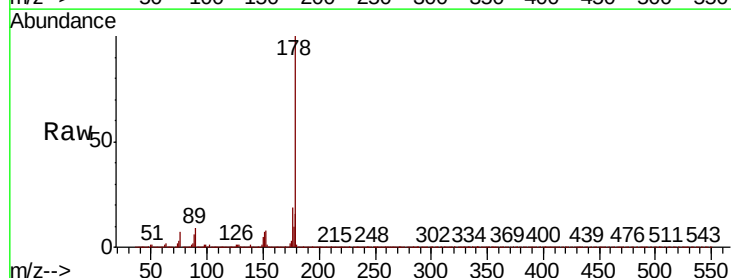
Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:178 Resp: 2220254

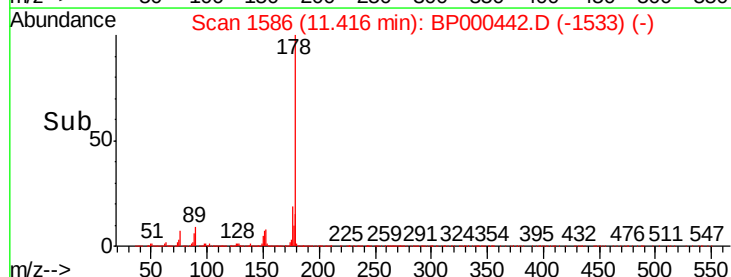
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.7	19.1



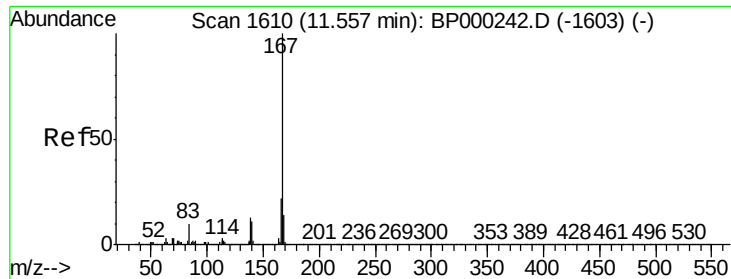
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

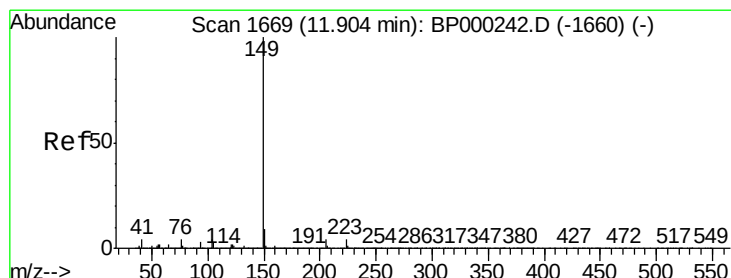
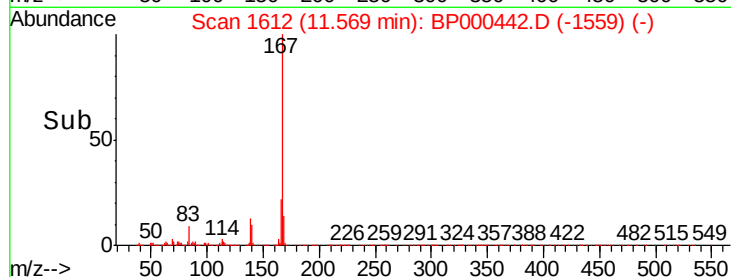
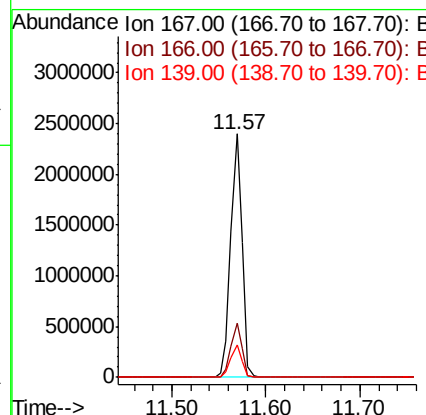
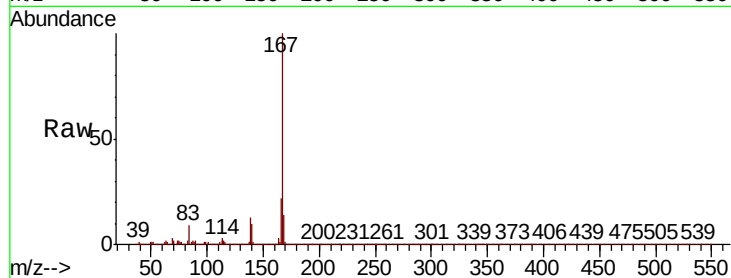


#73
 Carbazole
 Concen: 50.726 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 2024357

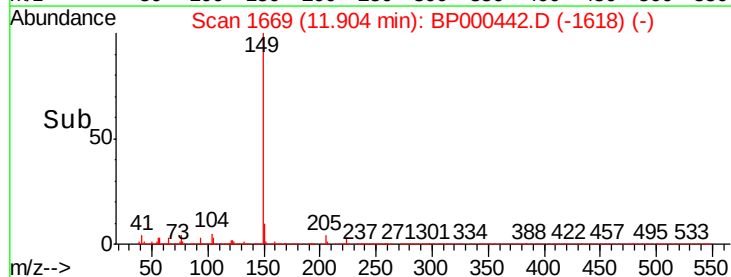
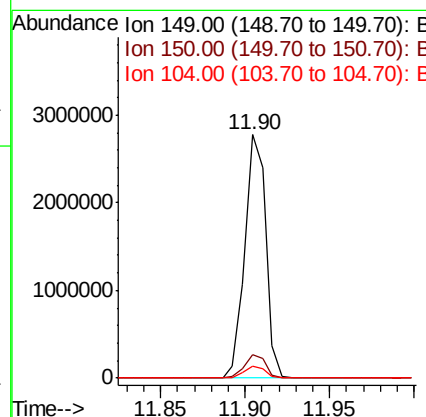
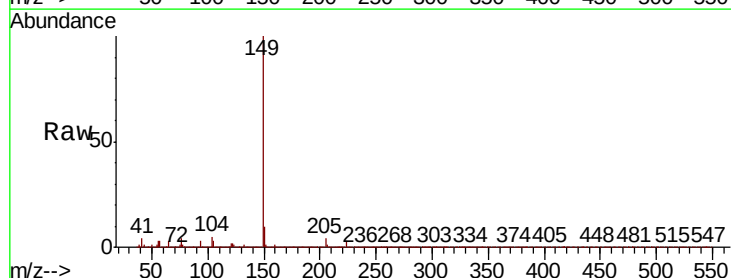
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.5	10.8	16.2

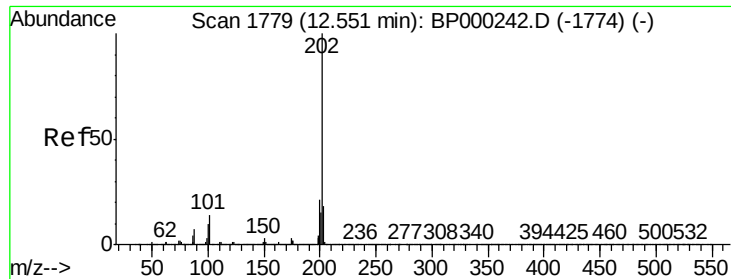


#74
 Di-n-butylphthalate
 Concen: 47.485 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000442.D
 Acq: 27 Sep 2019 02:14

Tgt Ion:149 Resp: 2398621

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	5.0	3.5	5.3

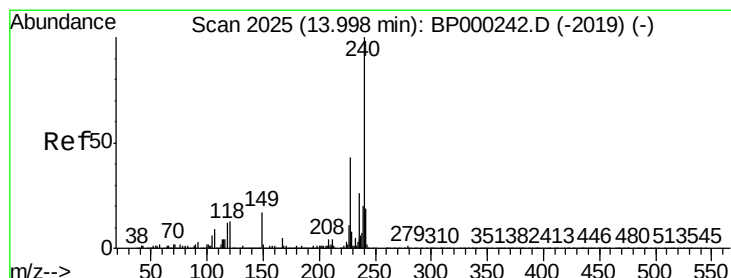
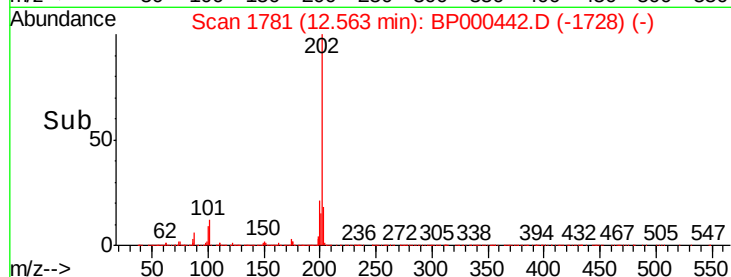
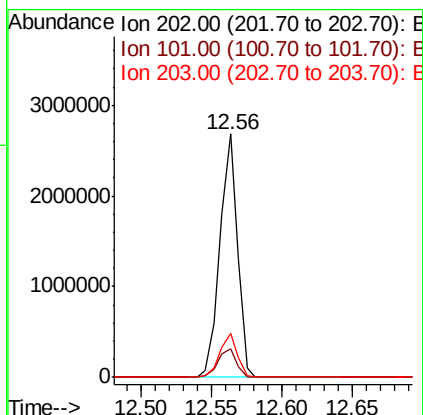
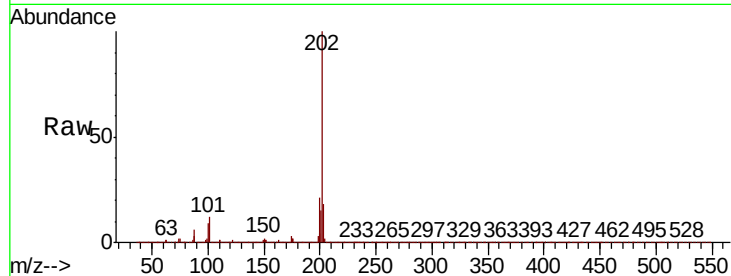




#75
Fluoranthene
Concen: 50.321 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

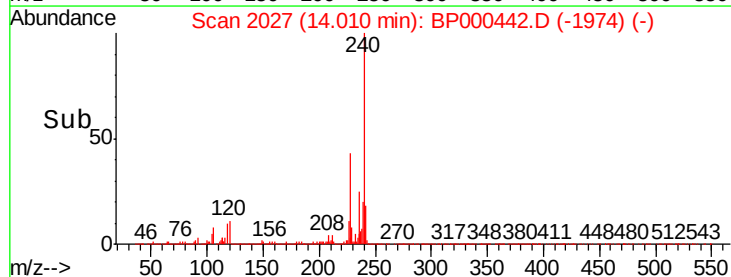
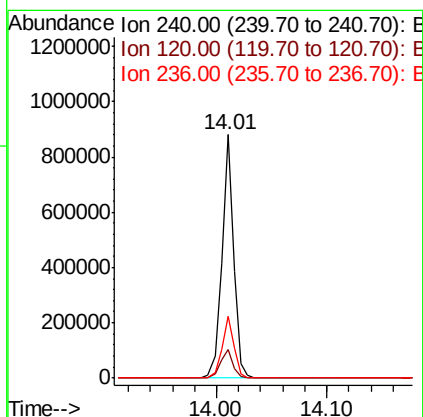
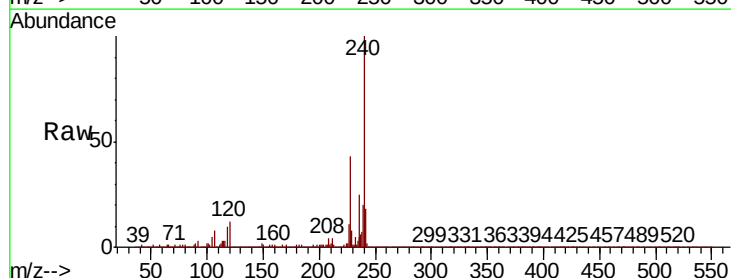
Instrument :
BNA_P
ClientSampleId :

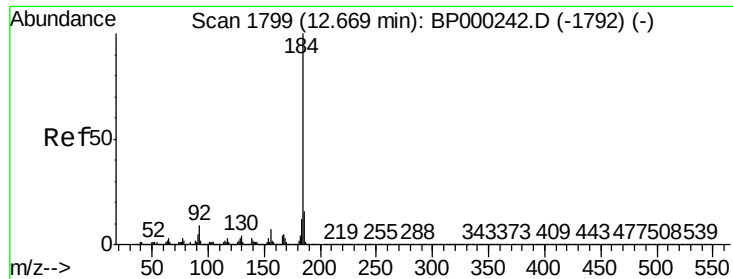
Tot Ion:202 Resp: 2326247
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.9
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:240 Resp: 652288
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 25.2 21.0 31.6





#77

Benzidine

Concen: 7.521 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

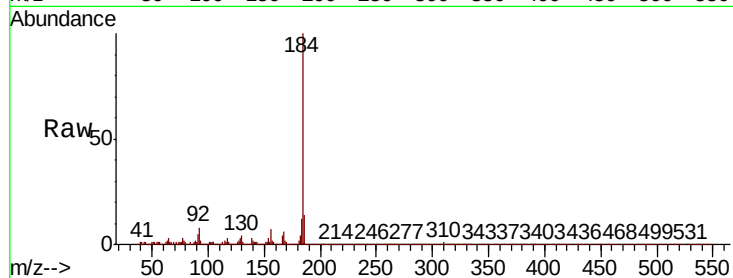
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 175217

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.7	19.1
183	11.7	9.5	14.3

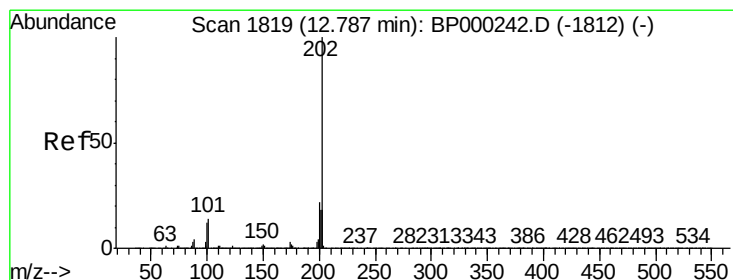
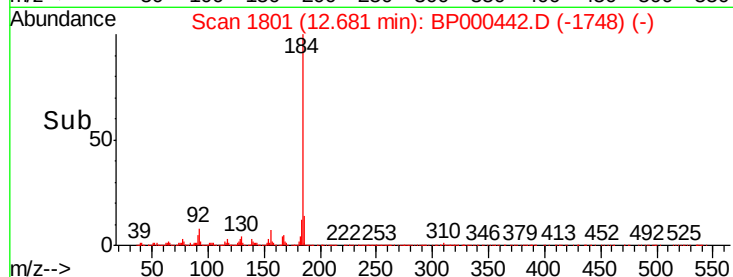
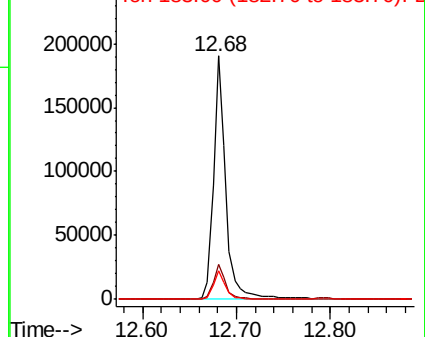


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.400 ng

RT: 12.79 min Scan# 1820

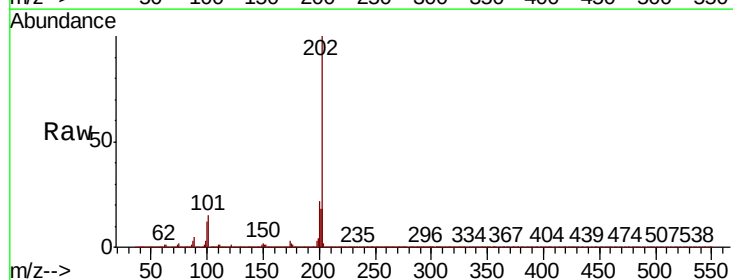
Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:202 Resp: 2362003

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	17.8	14.3	21.5

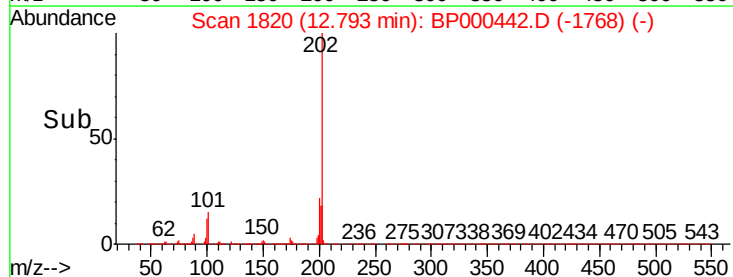
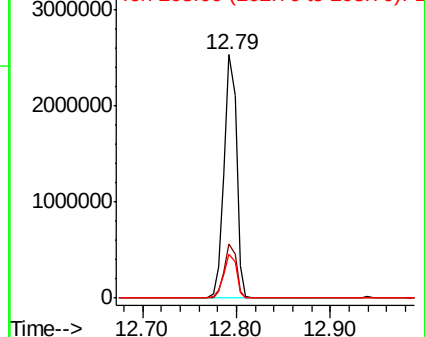


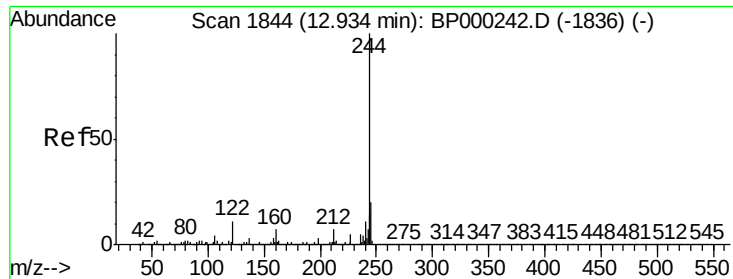
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.931 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

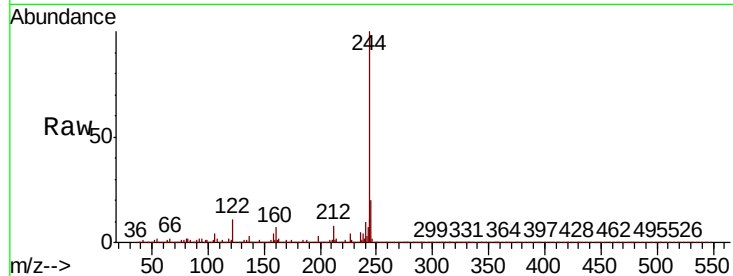
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 3138260

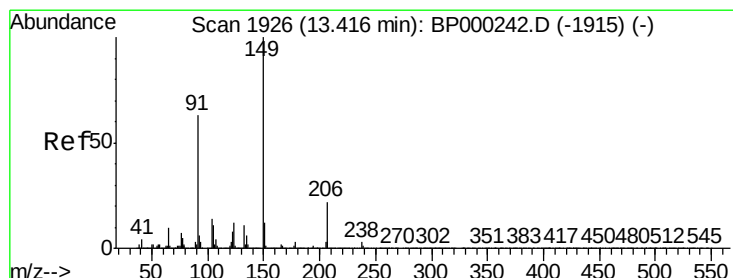
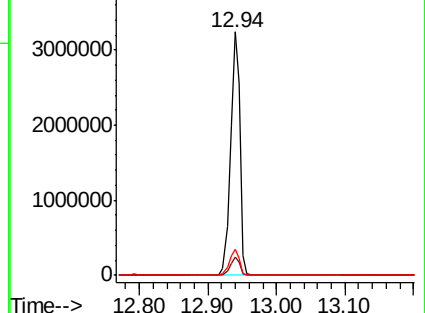
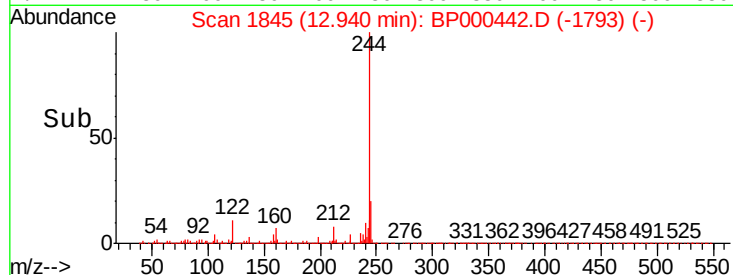
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.9	9.0	13.4



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: 45.492 ng

RT: 13.42 min Scan# 1927

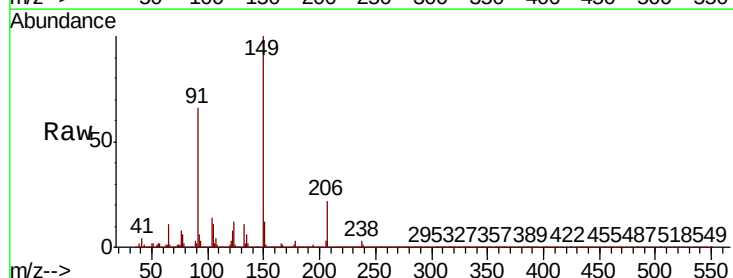
Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:149 Resp: 1020113

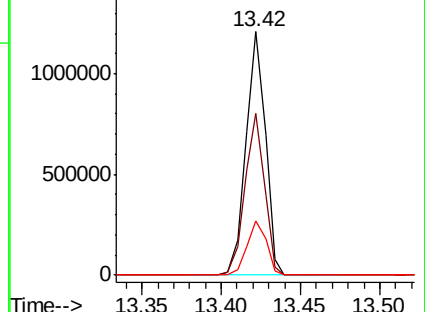
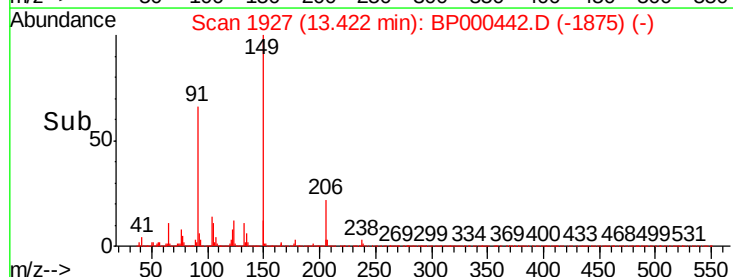
Ion	Ratio	Lower	Upper
149	100		
91	66.3	50.6	76.0
206	22.1	17.8	26.6

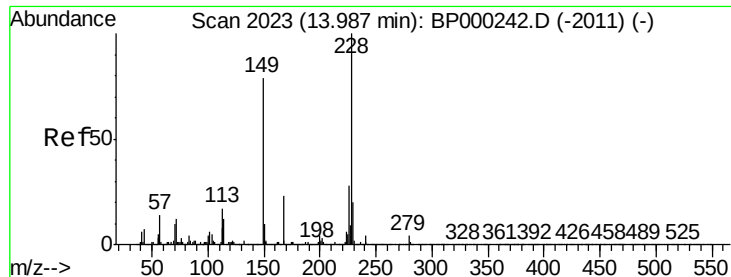


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.178 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

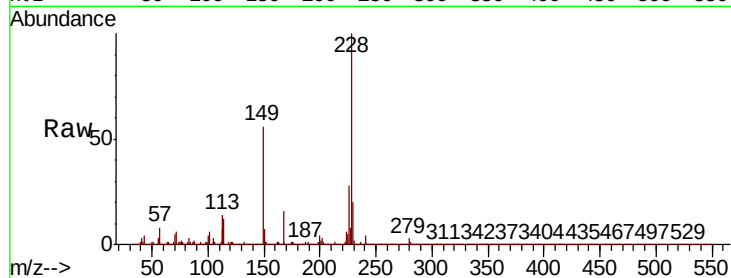
Tot Ion:228 Resp: 1985110

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.4

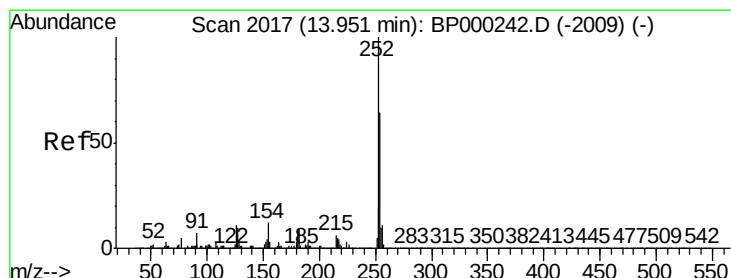
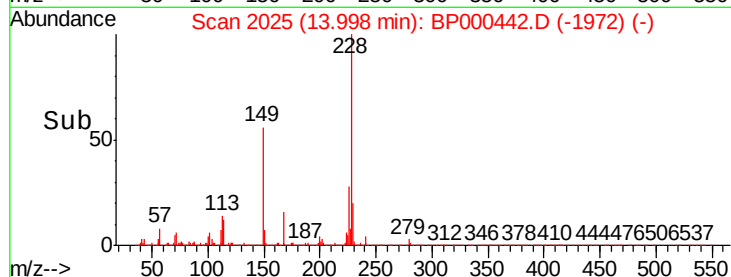
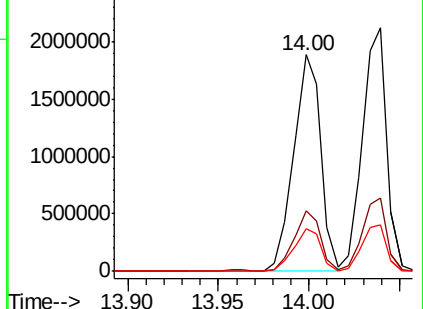
229 19.9 16.0 24.0



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: 41.819 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

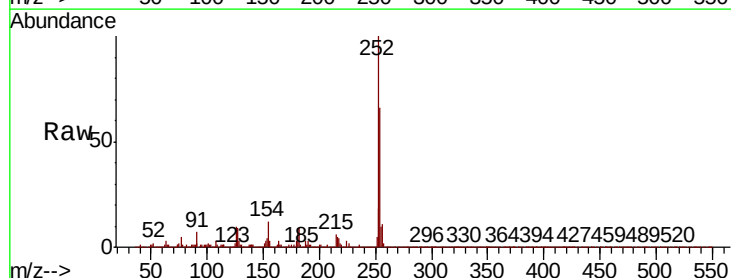
Tgt Ion:252 Resp: 692495

Ion Ratio Lower Upper

252 100

254 65.7 51.5 77.3

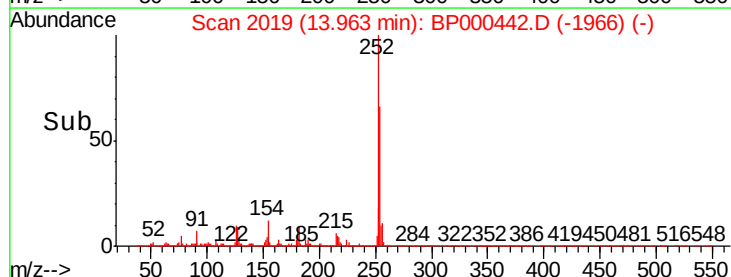
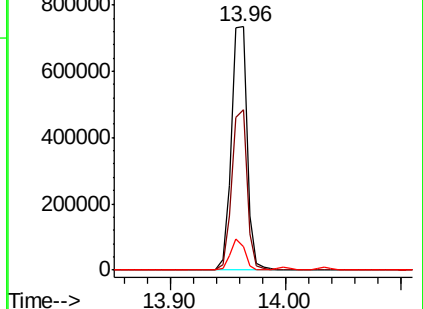
126 9.9 8.4 12.6

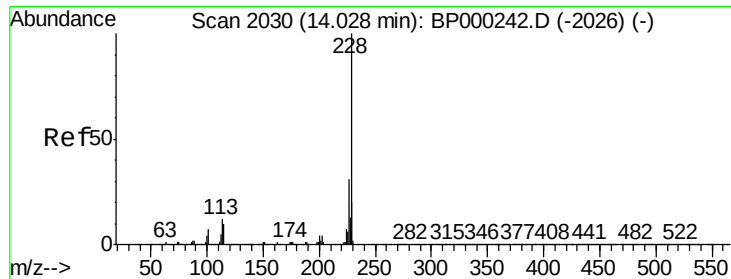


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.817 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampled :

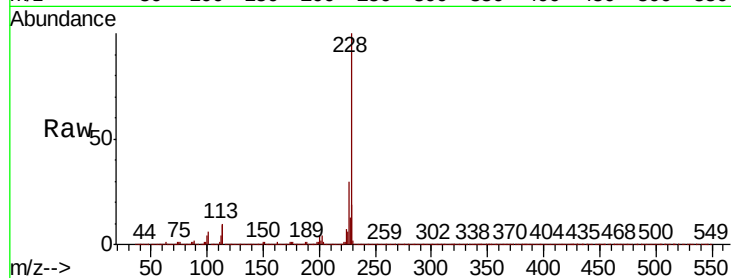
Tot Ion:228 Resp: 1974919

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

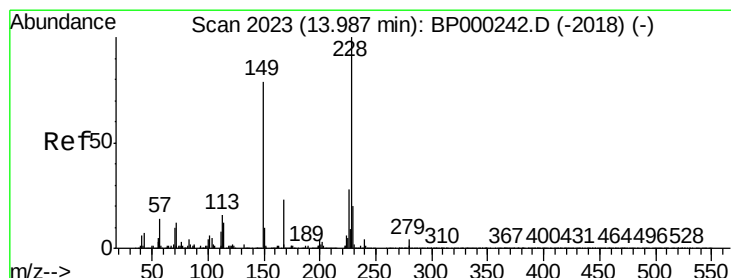
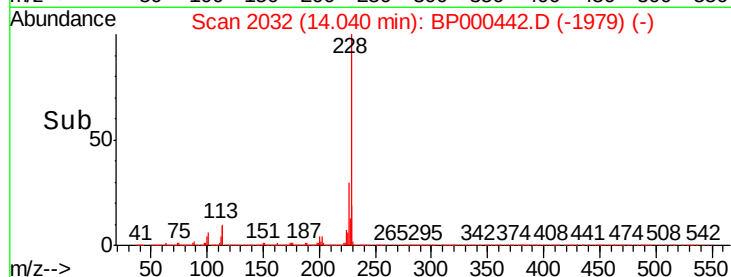
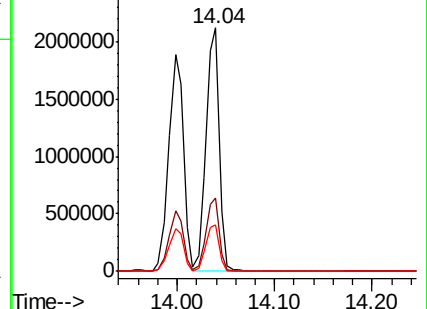
229 19.3 16.2 24.2



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: 48.551 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

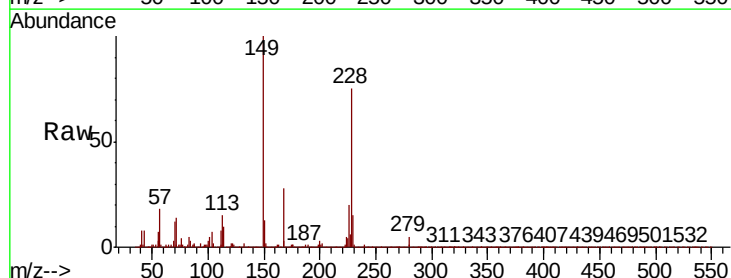
Tgt Ion:149 Resp: 1306912

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

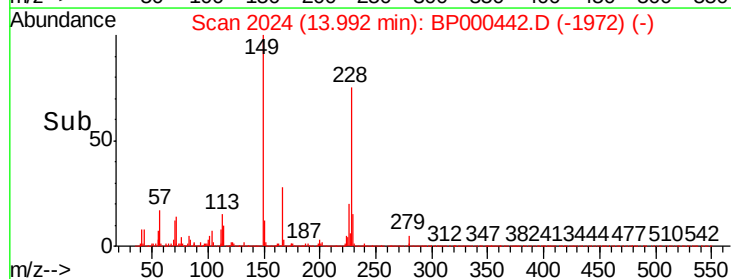
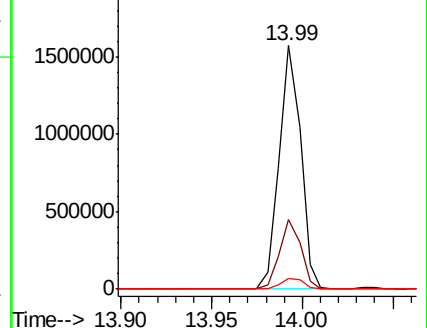
279 4.6 3.7 5.5

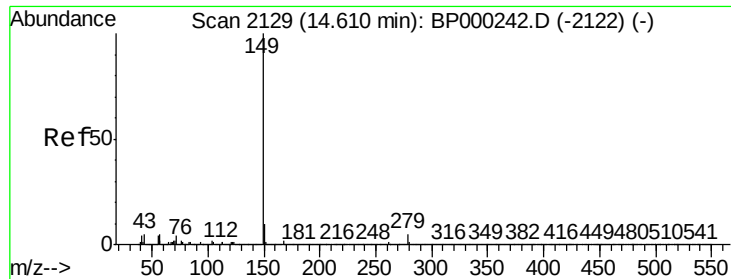


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

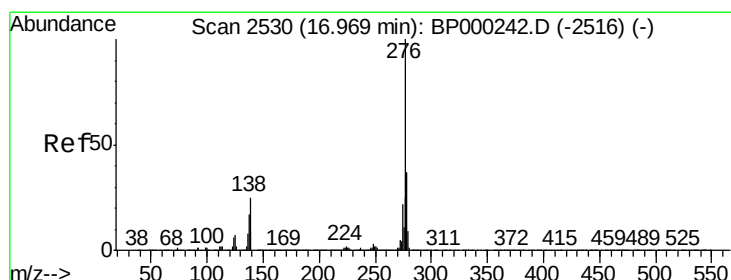
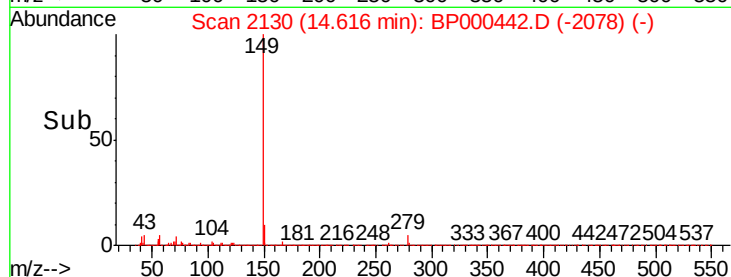
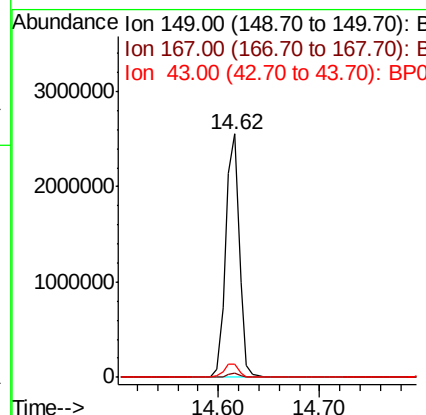
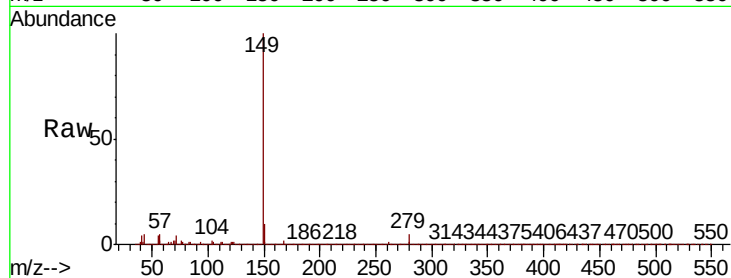




#85
Di-n-octyl phthalate
Concen: 47.427 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

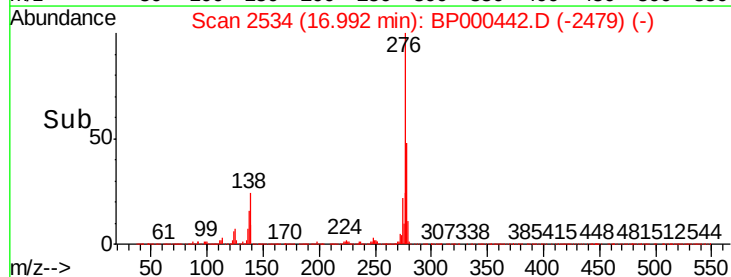
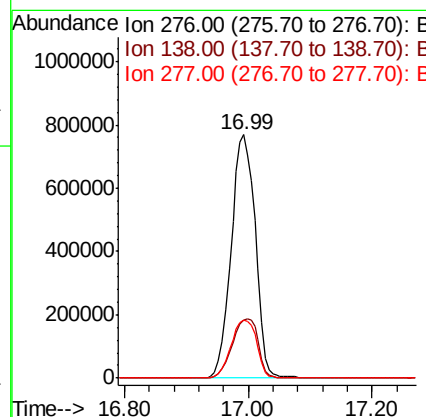
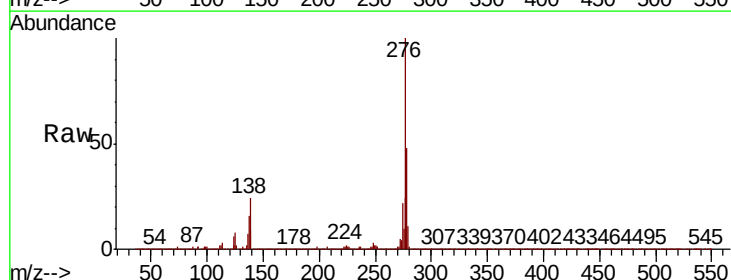
Instrument :
BNA_P
ClientSampleId :

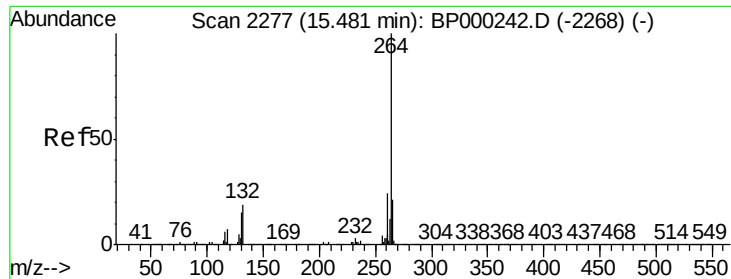
Tot Ion:149 Resp: 2366174
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 5.8 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.341 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:276 Resp: 2087951
Ion Ratio Lower Upper
276 100
138 26.2 22.6 33.8
277 25.3 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

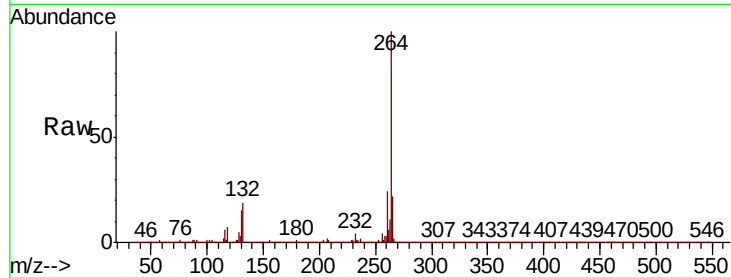
Instrument :

BNA_P

ClientSampleId :

Tot Ion:264 Resp: 738986

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.2	25.8

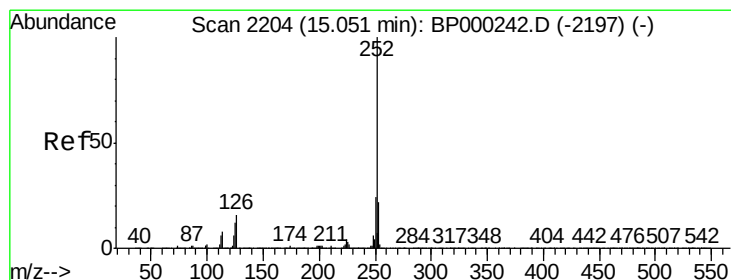
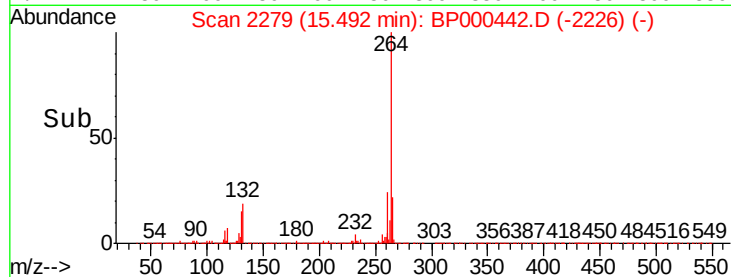
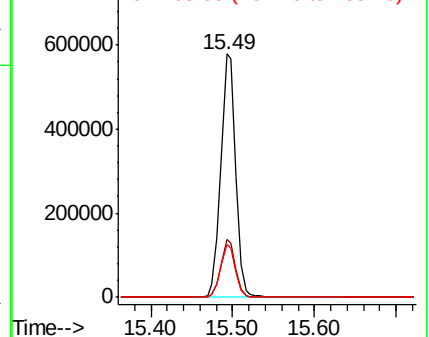


Abundance

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: 49.705 ng

RT: 15.07 min Scan# 2207

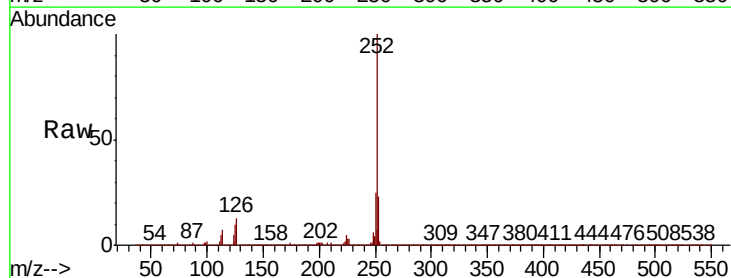
Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Tgt Ion:252 Resp: 2191261

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.9	9.5	14.3

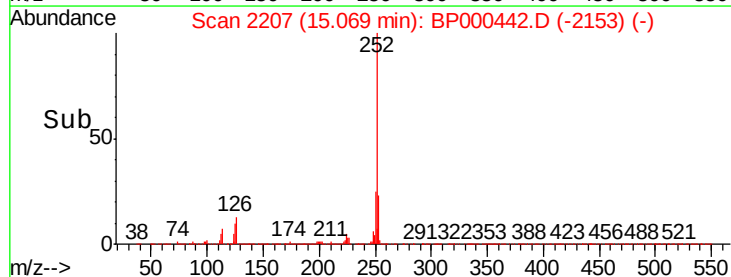
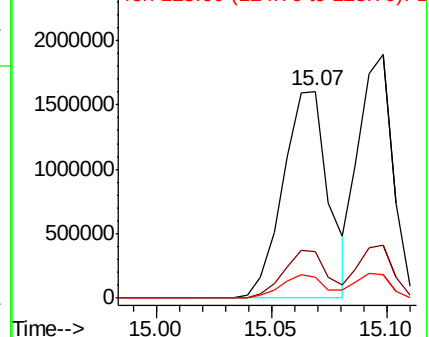


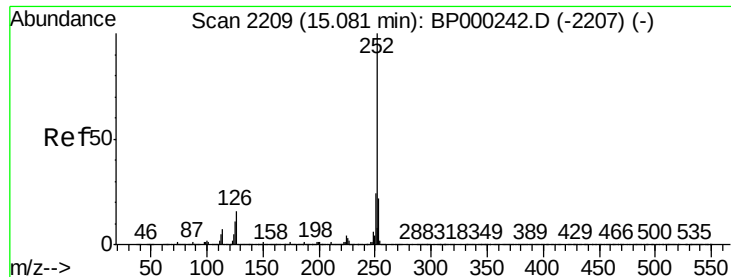
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

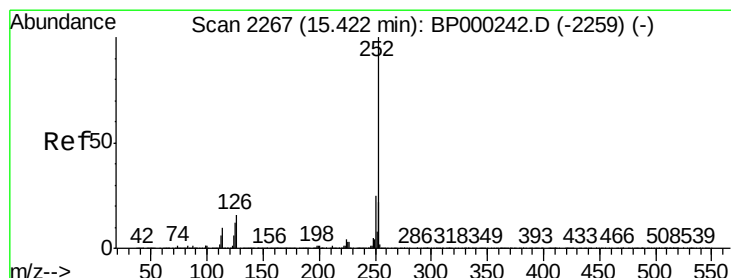
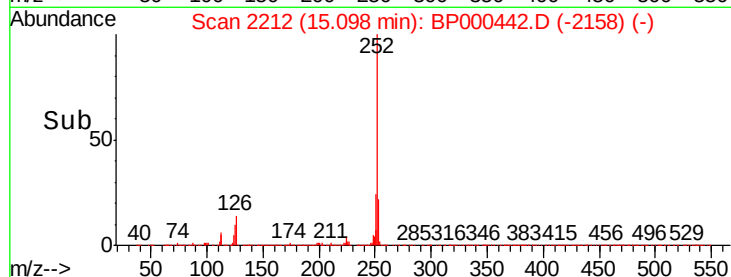
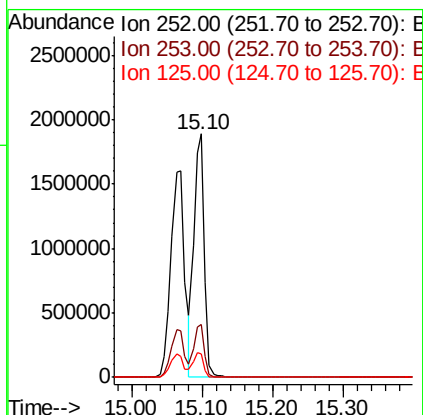
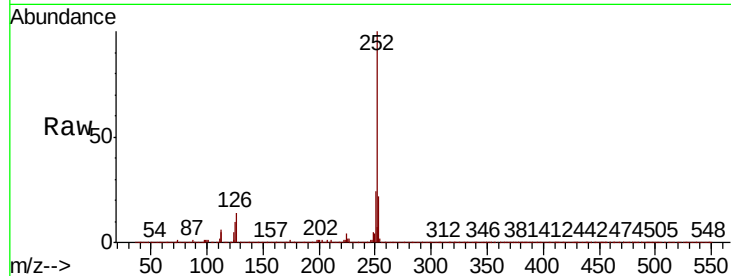




#89
Benzo(k)fluoranthene
Concen: 51.271 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

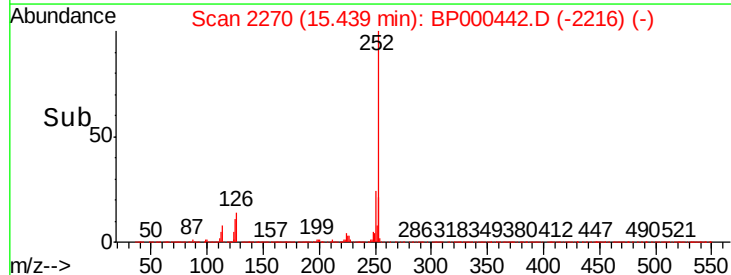
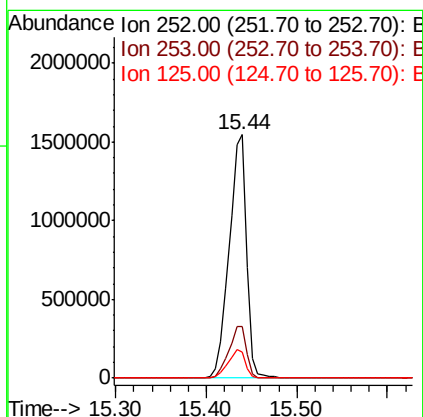
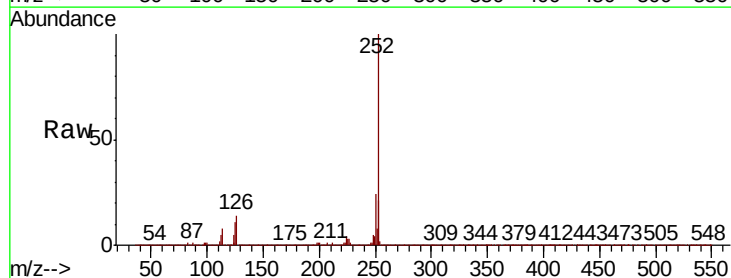
Instrument :
BNA_P
ClientSampleId :

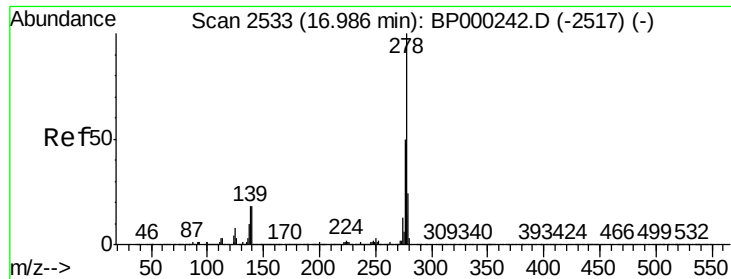
Tot Ion:252 Resp: 1971643
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.8 9.6 14.4



#90
Benzo(a)pyrene
Concen: 51.603 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BP000442.D
Acq: 27 Sep 2019 02:14

Tgt Ion:252 Resp: 2069980
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 10.7 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 46.825 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

Instrument :

BNA_P

ClientSampleId :

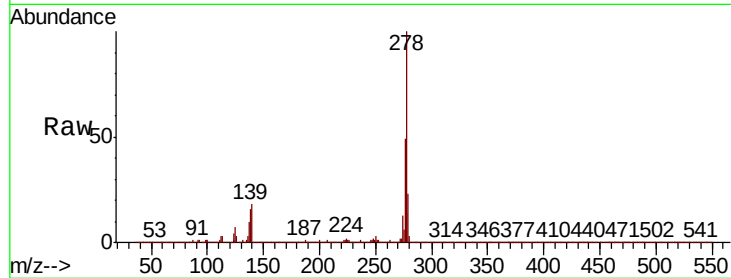
Tot Ion:278 Resp: 1751240

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.5	21.7
279	23.4	19.0	28.6

278 100

139 17.5 14.5 21.7

279 23.4 19.0 28.6

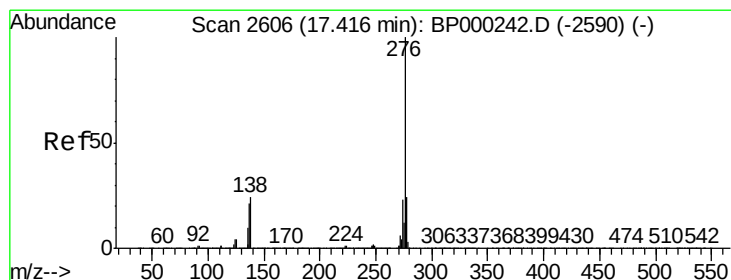
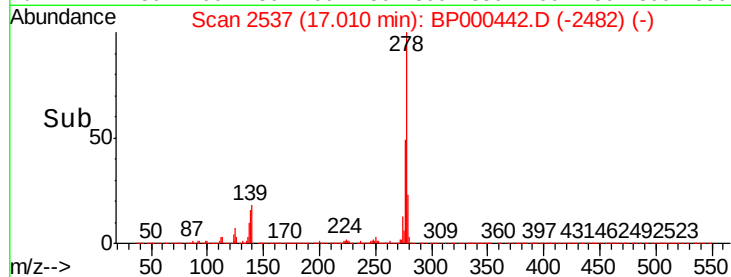
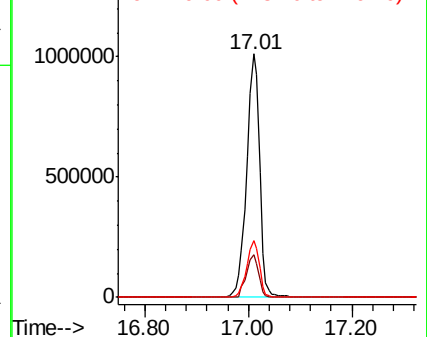


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.988 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.02 min

Lab File: BP000442.D

Acq: 27 Sep 2019 02:14

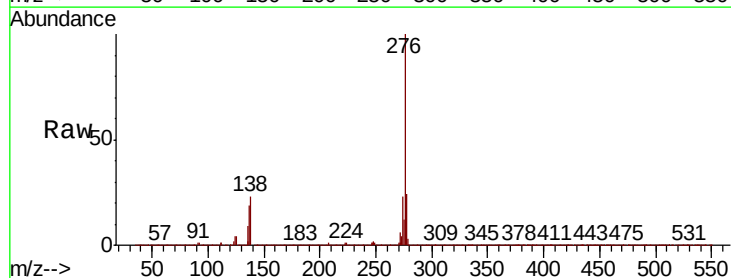
Tgt Ion:276 Resp: 1614114

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	22.8	19.5	29.3

276 100

277 24.4 19.1 28.7

138 22.8 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

