

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000463.D
 Acq On : 27 Sep 2019 17:32
 Operator : JU
 Sample : K5038-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:12:17 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	150875	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	609763	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	268304	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	366497	20.00	ng	0.00
76) Chrysene-d12	14.01	240	322466	20.00	ng	0.01
87) Perylene-d12	15.49	264	365781	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	826018	94.52	ng	0.01
7) Phenol-d6	6.43	99	1446197	135.00	ng	0.01
23) Nitrobenzene-d5	7.35	82	646088	68.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	292426	109.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1848602	124.01	ng	0.00
79) Terphenyl-d14	12.94	244	1325413	86.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	218854	55.493	ng	99
3) Pyridine	3.29	79	544114	51.249	ng	97
4) n-Nitrosodimethylamine	3.23	42	181824	60.734	ng	96
6) Aniline	6.45	93	377815	25.579	ng	# 25
8) 2-Chlorophenol	6.58	128	422857	44.932	ng	100
9) Benzaldehyde	6.33	77	253199	44.543	ng	98
10) Phenol	6.45	94	666338	54.746	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	418011	44.848	ng	98
12) 1,3-Dichlorobenzene	6.73	146	507469	44.936	ng	100
13) 1,4-Dichlorobenzene	6.80	146	502884	44.756	ng	99
14) 1,2-Dichlorobenzene	6.96	146	515304	50.064	ng	99
15) Benzyl Alcohol	6.93	79	402066	51.573	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	341249	38.618	ng	77
17) 2-Methylphenol	7.05	107	376867	46.755	ng	97
18) Hexachloroethane	7.30	117	177666	42.728	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	283843	50.113	ng	99
20) 3+4-Methylphenols	7.20	107	541757	55.582	ng	# 76
22) Acetophenone	7.19	105	696325	52.695	ng	# 97
24) Nitrobenzene	7.37	77	381133	38.826	ng	99
25) Isophorone	7.61	82	934246	49.922	ng	100
26) 2-Nitrophenol	7.69	139	251000	48.232	ng	93
27) 2,4-Dimethylphenol	7.73	122	422771	51.001	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	513903	41.288	ng	100
29) 2,4-Dichlorophenol	7.93	162	382767	43.084	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	540900	53.117	ng	98
31) Naphthalene	8.09	128	1302253	46.113	ng	99
32) Benzoic acid	7.85	122	249934	44.655	ng	95
33) 4-Chloroaniline	8.15	127	150419	11.769	ng	100
34) Hexachlorobutadiene	8.22	225	275655	45.686	ng	99
35) Caprolactam	8.50	113	115212	38.121	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	360330	39.953	ng	94
37) 2-Methylnaphthalene	8.79	142	899532	46.596	ng	98
38) 1-Methylnaphthalene	8.89	142	767082	42.418	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	500708	65.271	ng	99

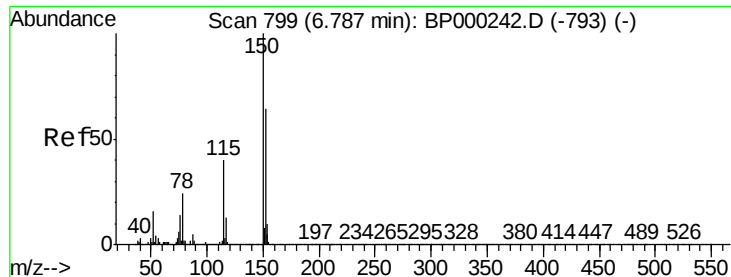
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
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 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	352718	80.070	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	294827	55.542	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	346845	63.812	ng	95
46) 1,1'-Biphenyl	9.25	154	1226541	66.082	ng	99
47) 2-Chloronaphthalene	9.28	162	950751	61.064	ng	98
48) 2-Nitroaniline	9.37	65	215560	54.518	ng	99
49) Acenaphthylene	9.70	152	1415912	60.498	ng	99
50) Dimethylphthalate	9.56	163	1409719	77.118	ng	99
51) 2,6-Dinitrotoluene	9.62	165	249579	62.095	ng	97
52) Acenaphthene	9.87	154	655181	44.361	ng	99
53) 3-Nitroaniline	9.79	138	123145	26.396	ng	97
54) 2,4-Dinitrophenol	9.90	184	156578	88.176	ng	92
55) Dibenzofuran	10.05	168	1039602	49.792	ng	99
56) 4-Nitrophenol	9.96	139	295982	85.298	ng	90
57) 2,4-Dinitrotoluene	10.03	165	262250	49.910	ng	98
58) Fluorene	10.39	166	610848	37.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	190818	42.664	ng	100
60) Diethylphthalate	10.26	149	635686	36.150	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	322381	38.944	ng	99
62) 4-Nitroaniline	10.40	138	142875	31.135	ng	# 81
63) Azobenzene	10.54	77	481534	32.322	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	88534	51.375	ng	98
66) n-Nitrosodiphenylamine	10.50	169	533447	48.351	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	210051	50.683	ng	96
68) Hexachlorobenzene	10.95	284	244513	53.967	ng	98
69) Atrazine	11.03	200	169567	Below Cal		97
70) Pentachlorophenol	11.15	266	242272	98.179	ng	100
71) Phenanthrene	11.36	178	988659	53.831	ng	100
72) Anthracene	11.41	178	958314	50.692	ng	99
73) Carbazole	11.57	167	841639	49.436	ng	99
74) Di-n-butylphthalate	11.90	149	1005350	46.653	ng	99
75) Fluoranthene	12.56	202	1209685	61.339	ng	94
77) Benzidine	12.68	184	285321	24.775	ng	97
78) Pyrene	12.79	202	1258404	52.160	ng	99
80) Butylbenzylphthalate	13.42	149	437320	39.449	ng	98
81) Benzo(a)anthracene	14.00	228	1101497	54.076	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	188304	23.002	ng	98
83) Chrysene	14.03	228	1056471	52.824	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	601422	45.194	ng	# 99
85) Di-n-octyl phthalate	14.61	149	1031474	41.821	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1256989	51.562	ng	# 90
88) Benzo(b)fluoranthene	15.06	252	1292951	59.252	ng	# 96
89) Benzo(k)fluoranthene	15.36	252	107310	5.638	ng	99
90) Benzo(a)pyrene	15.36	252	128960	6.495	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	994057	53.698	ng	# 94
92) Benzo(g,h,i)perylene	17.45	276	1060969	55.758	ng	# 91

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

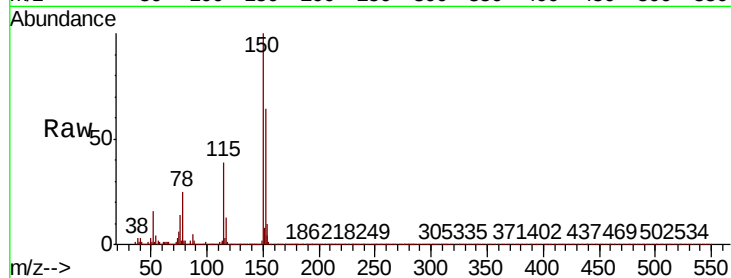


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.2	187.8
115	61.4	49.7	74.5

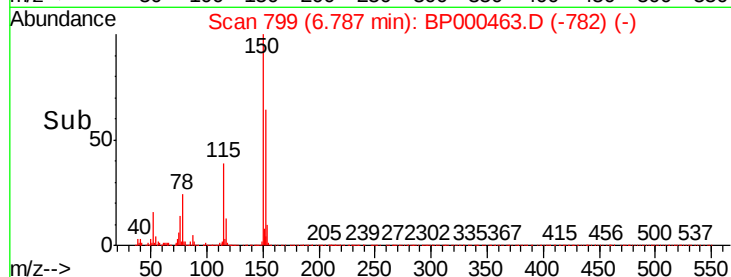
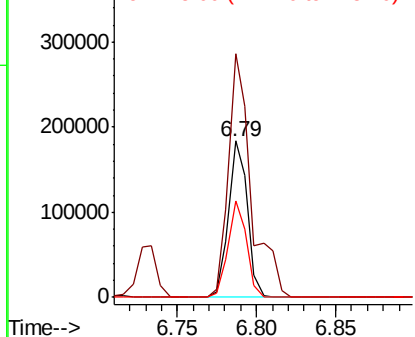


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

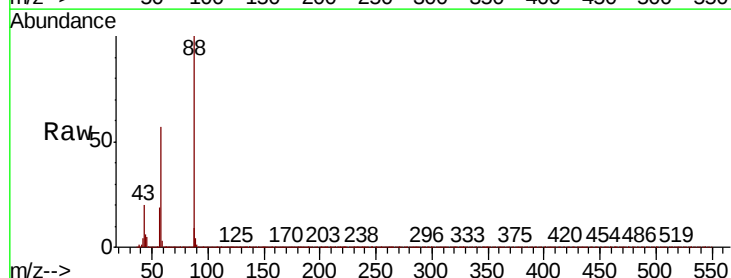
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 55.493 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.04 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	45.4	68.2
43	18.6	15.0	22.6

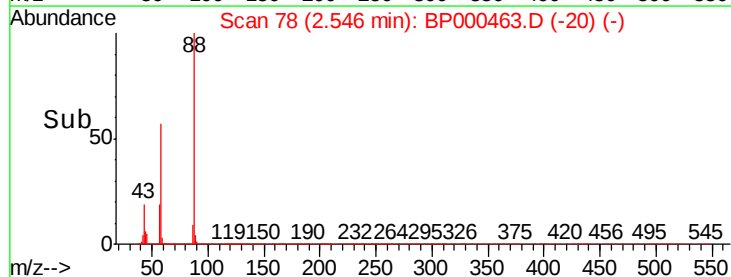
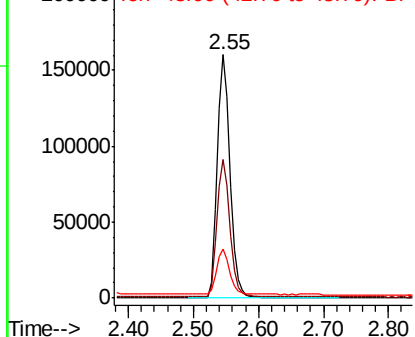


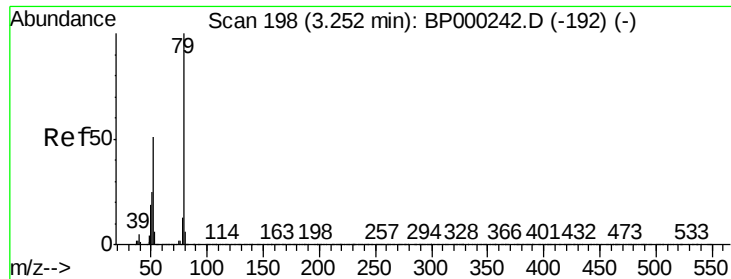
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 51.249 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.03 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

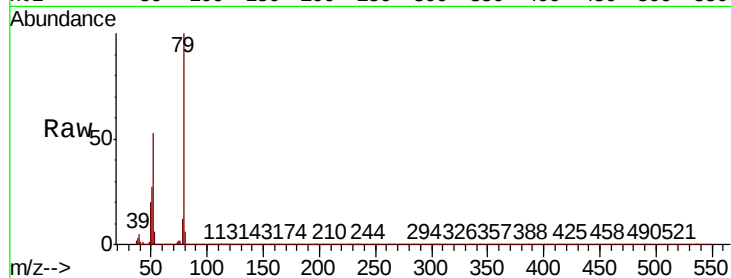
Tot Ion: 79 Resp: 544114

Ion Ratio Lower Upper

79 100

52 53.5 40.9 61.3

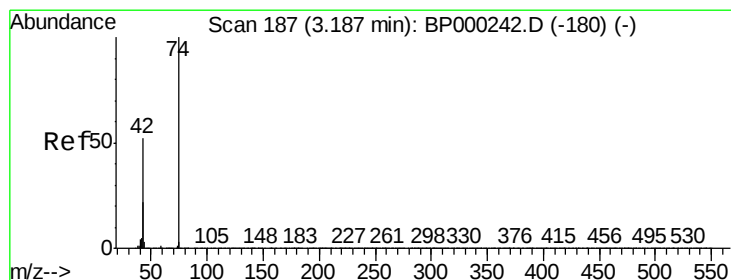
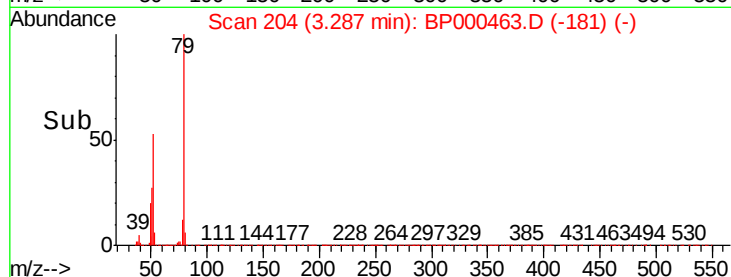
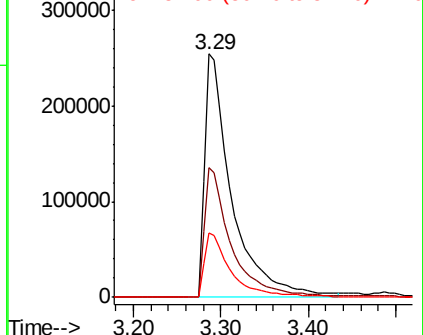
51 26.7 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 60.734 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.04 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

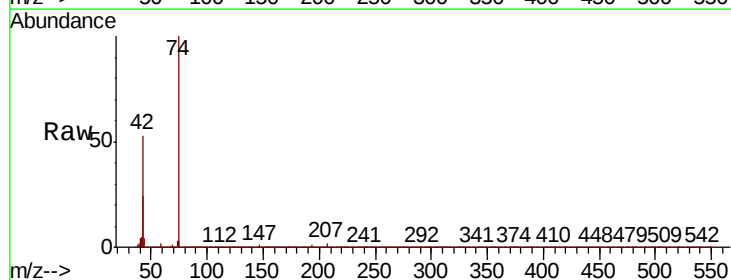
Tgt Ion: 42 Resp: 181824

Ion Ratio Lower Upper

42 100

74 187.5 154.5 231.7

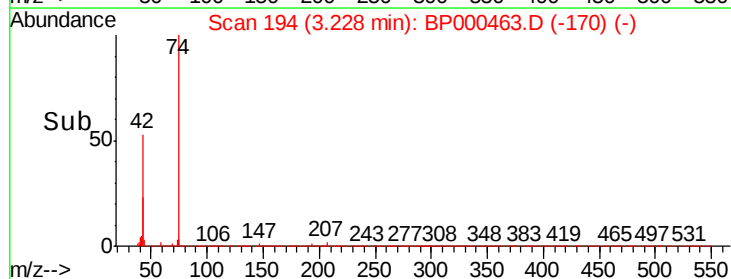
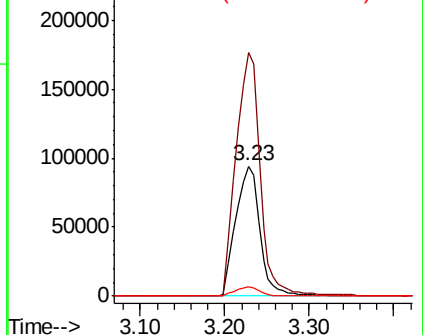
44 6.8 5.9 8.9

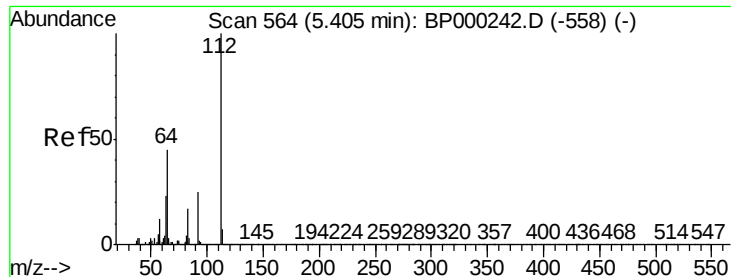


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 94.515 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampled :

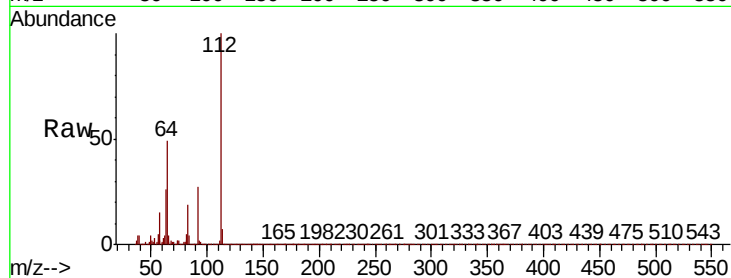
Tot Ion: 112 Resp: 826018

Ion Ratio Lower Upper

112 100

64 49.3 36.2 54.4

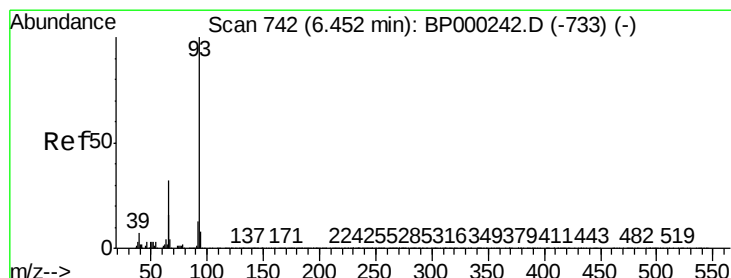
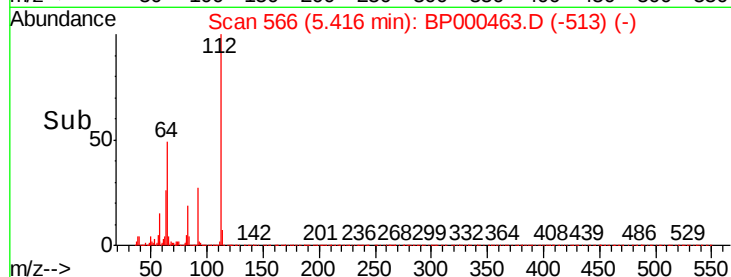
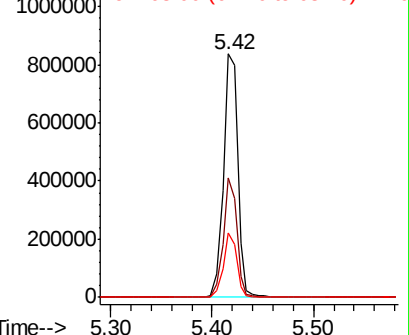
63 26.3 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 25.579 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

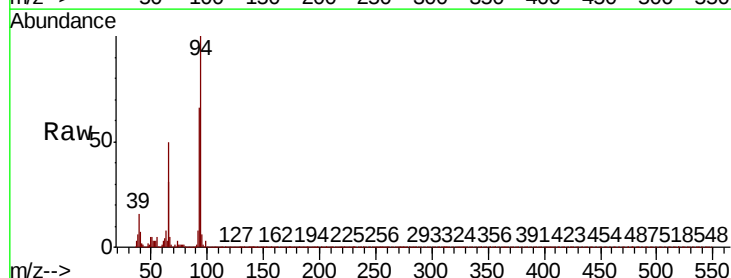
Tgt Ion: 93 Resp: 377815

Ion Ratio Lower Upper

93 100

66 75.5 26.2 39.2#

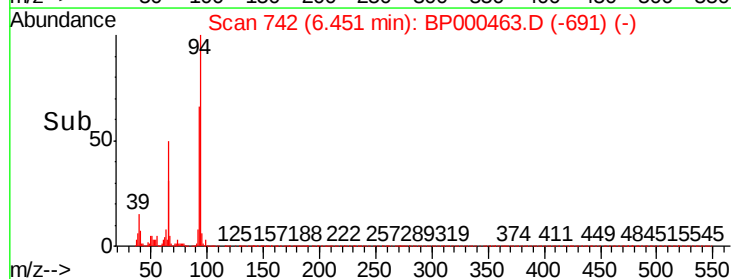
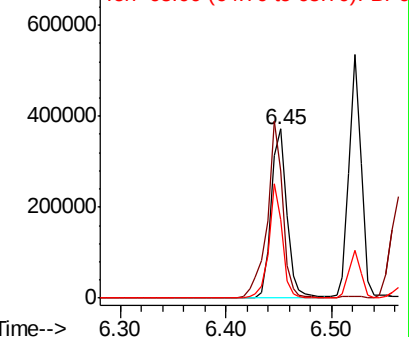
65 46.5 12.7 19.1#

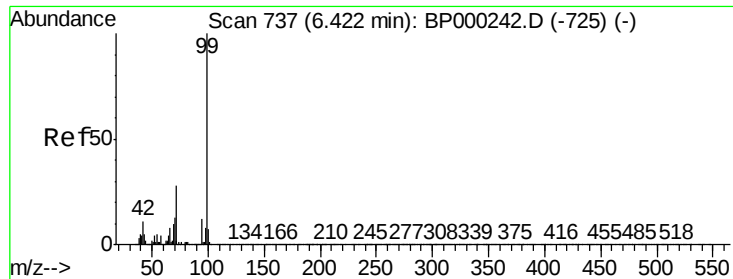


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 134.997 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

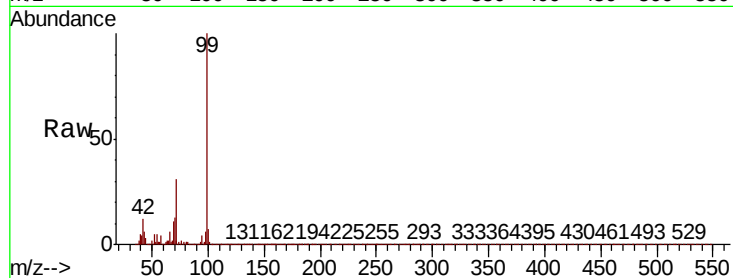
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1446197

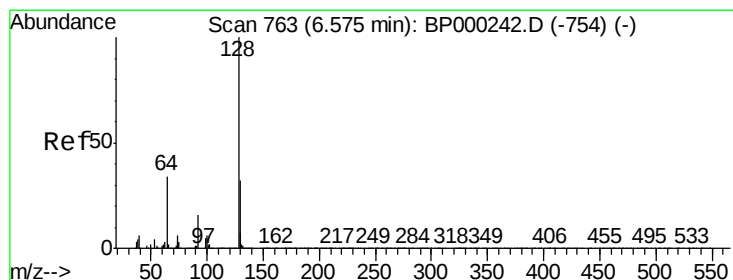
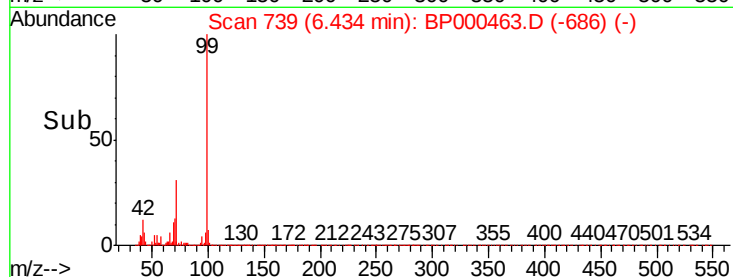
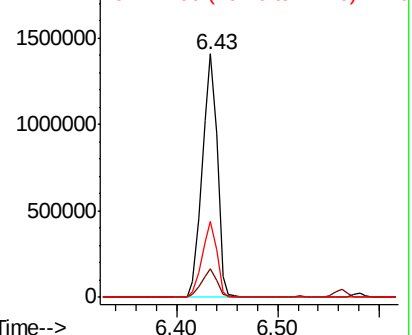
Ion	Ratio	Lower	Upper
99	100		
42	11.8	8.5	12.7
71	31.4	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.932 ng

RT: 6.58 min Scan# 764

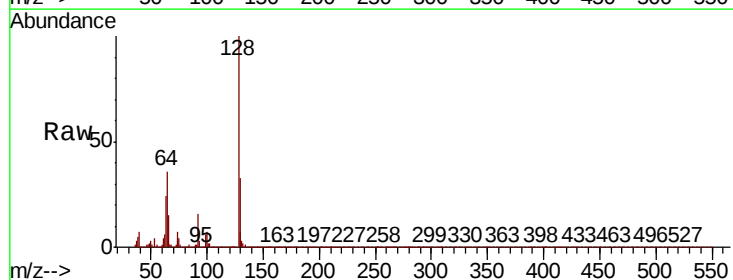
Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion: 128 Resp: 422857

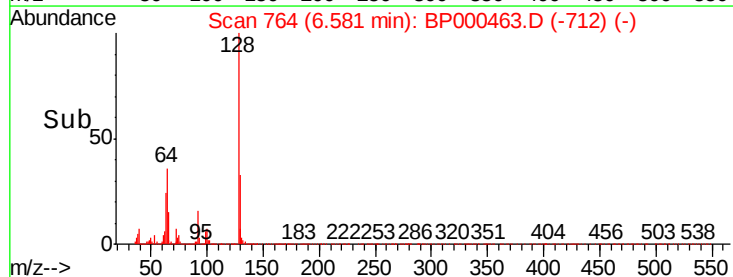
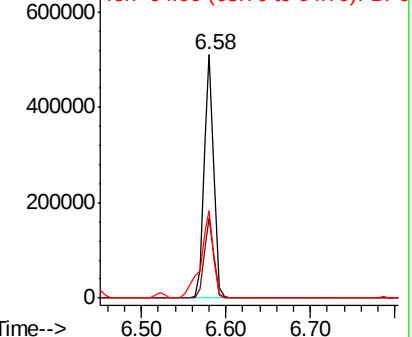
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	35.9	16.0	56.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 44.543 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

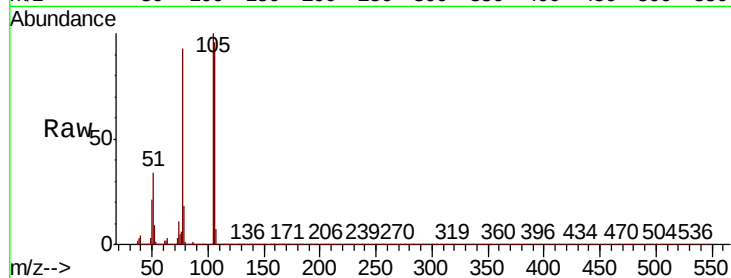
Tot Ion: 77 Resp: 253199

Ion Ratio Lower Upper

77 100

105 107.6 89.6 129.6

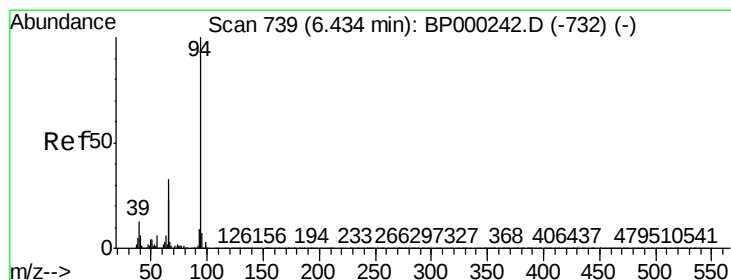
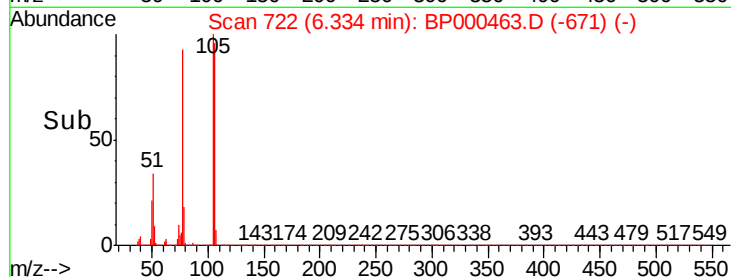
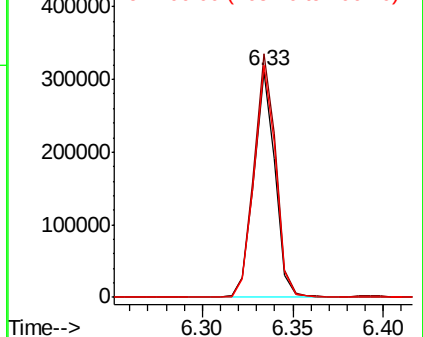
106 102.8 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 54.746 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

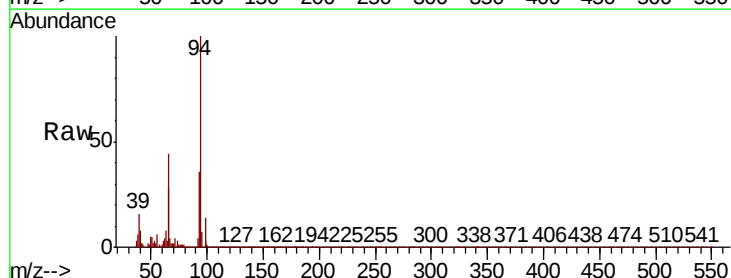
Tgt Ion: 94 Resp: 666338

Ion Ratio Lower Upper

94 100

65 28.5 3.3 43.3

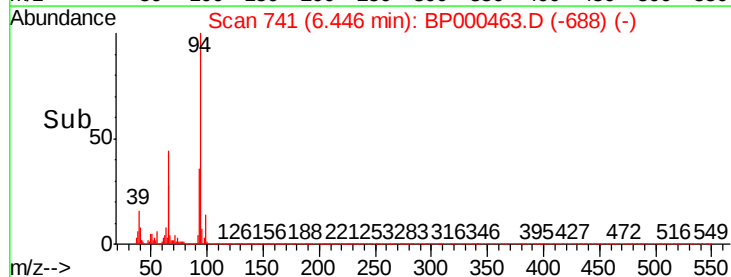
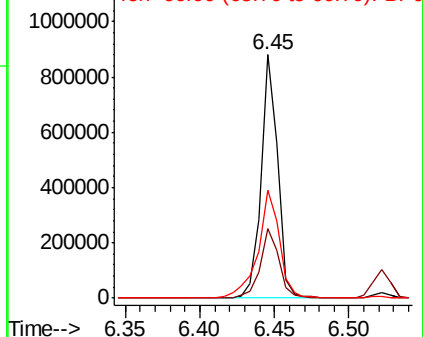
66 44.3 12.7 52.7

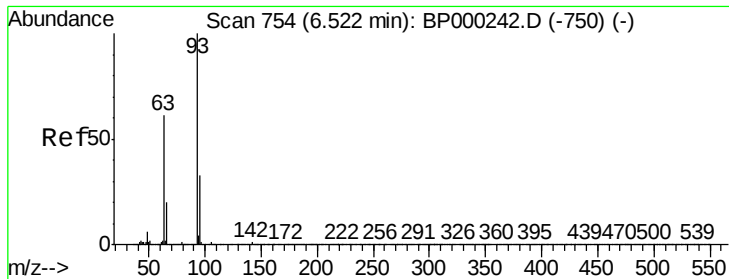


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

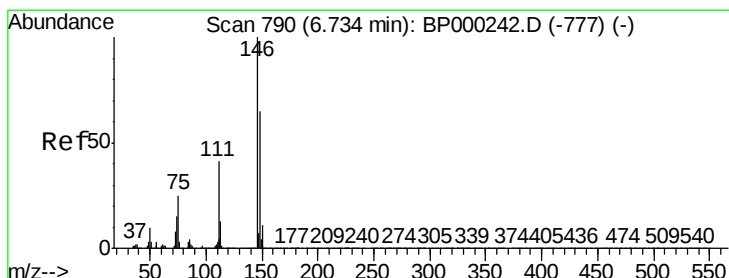
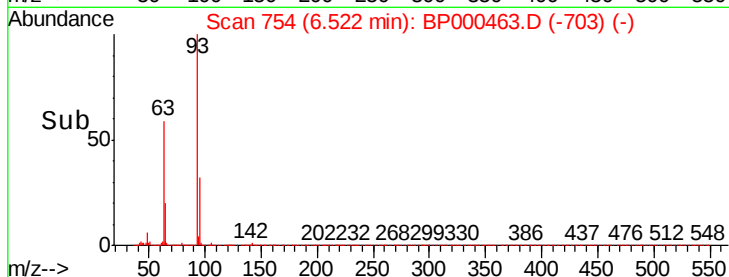
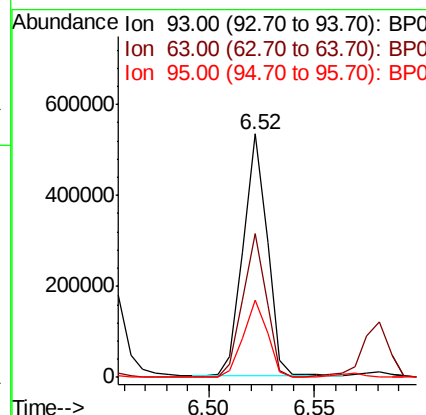
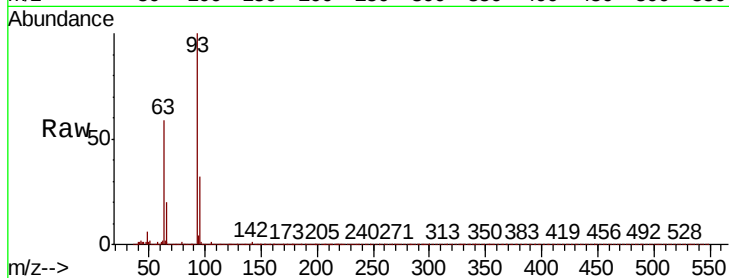




#11
bis(2-Chloroethyl)ether
Concen: 44.848 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

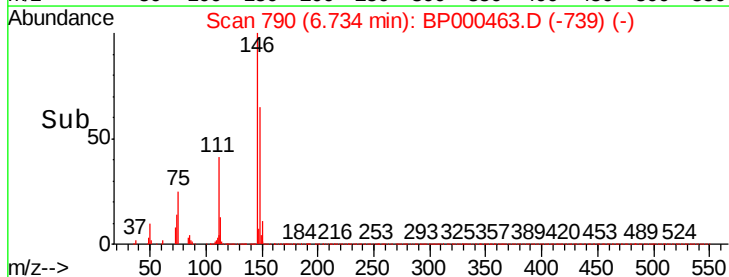
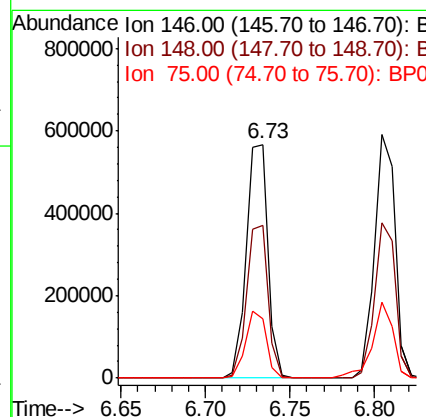
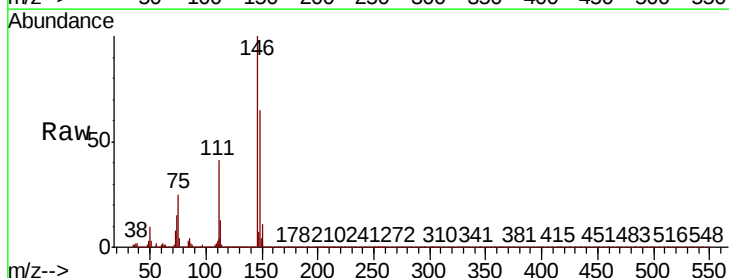
Instrument :
BNA_P
ClientSampleId :

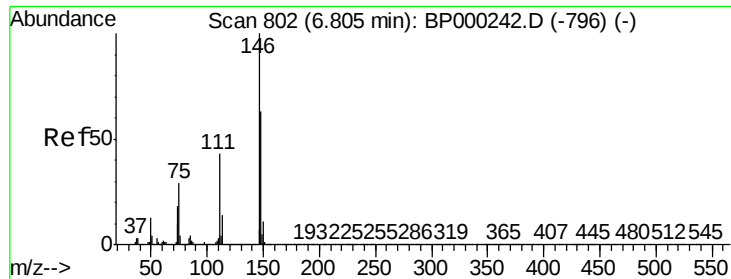
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.0	41.0	81.0
95	31.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 44.936 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	25.1	20.2	30.4

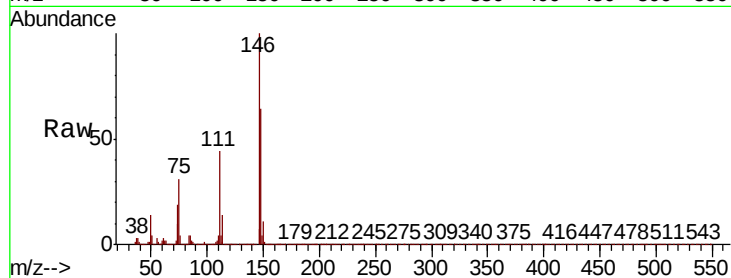




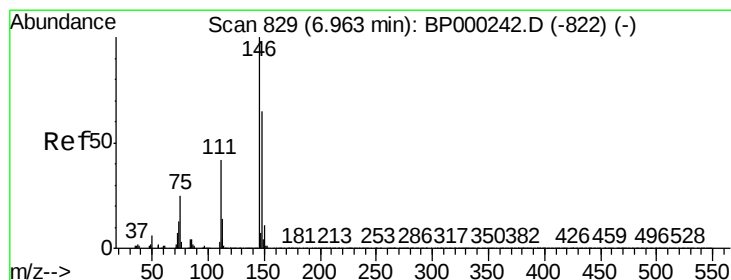
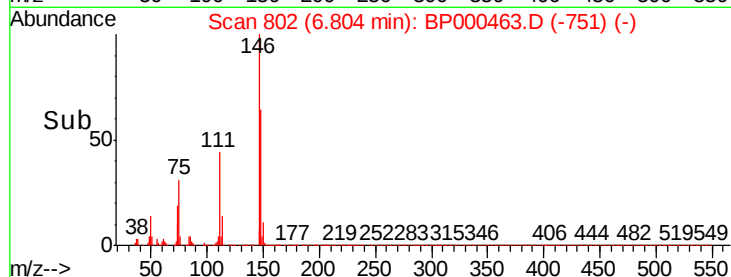
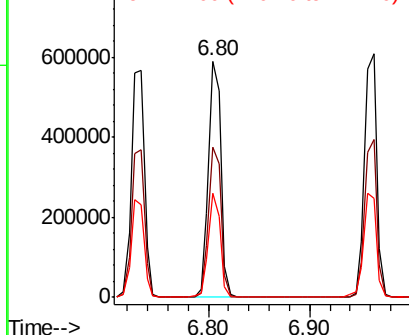
#13
 1,4-Dichlorobenzene
 Concen: 44.756 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:146 Resp: 502884
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.7 76.1
 111 44.1 34.1 51.1

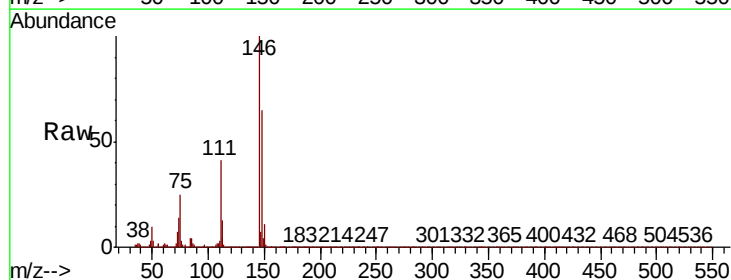


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

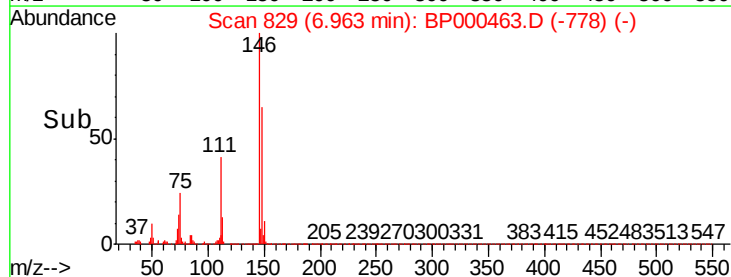
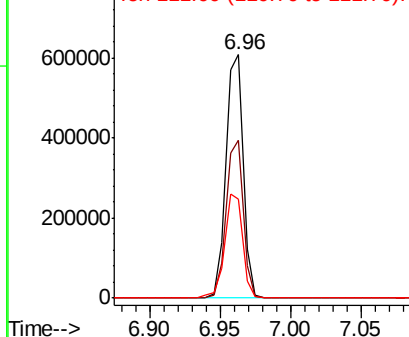


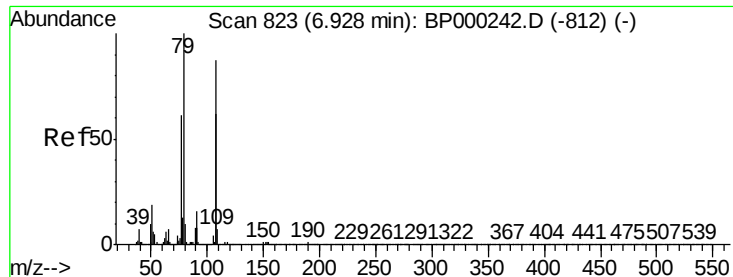
#14
 1,2-Dichlorobenzene
 Concen: 50.064 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion:146 Resp: 515304
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.7 77.5
 111 40.7 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.573 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleID :

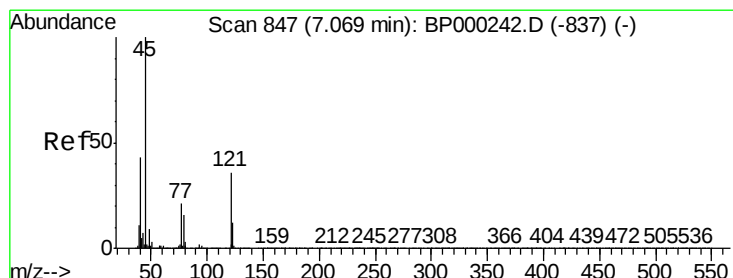
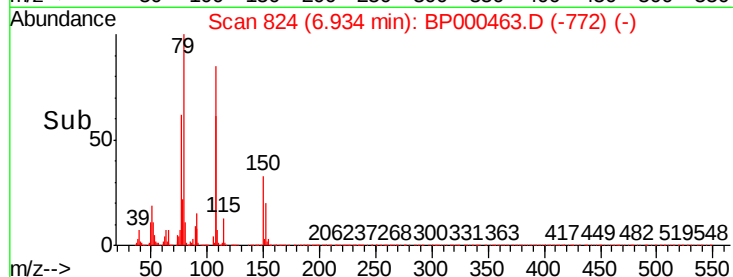
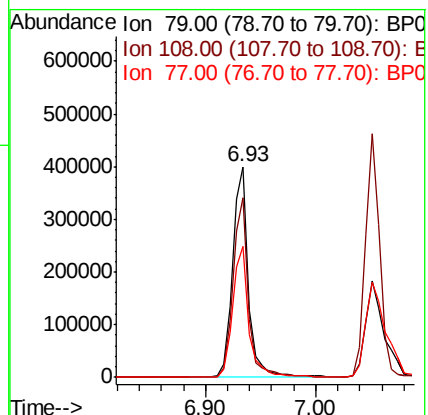
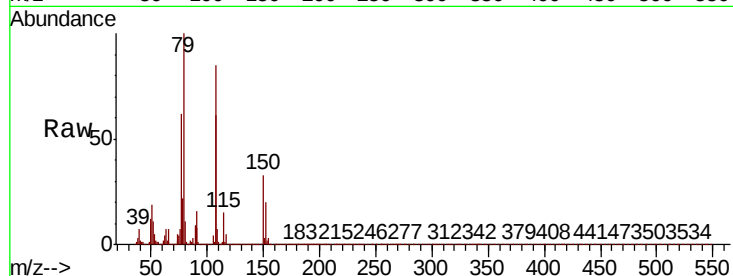
Tot Ion: 79 Resp: 402066

Ion Ratio Lower Upper

79 100

108 85.2 69.2 103.8

77 62.2 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.618 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

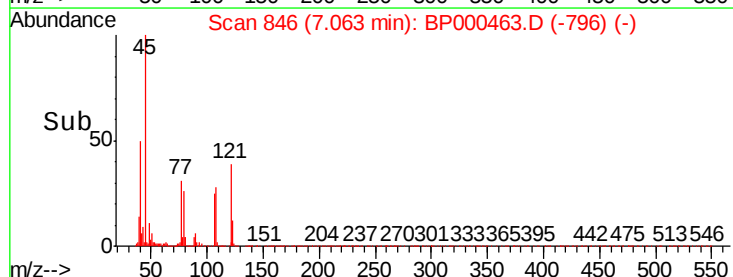
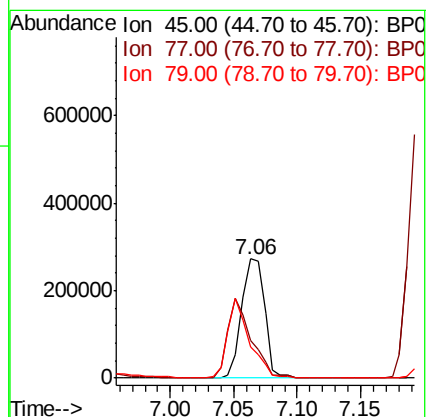
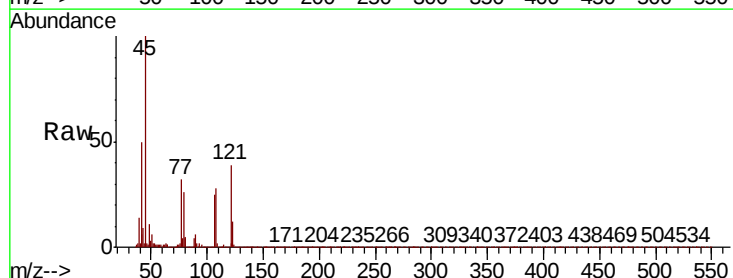
Tgt Ion: 45 Resp: 341249

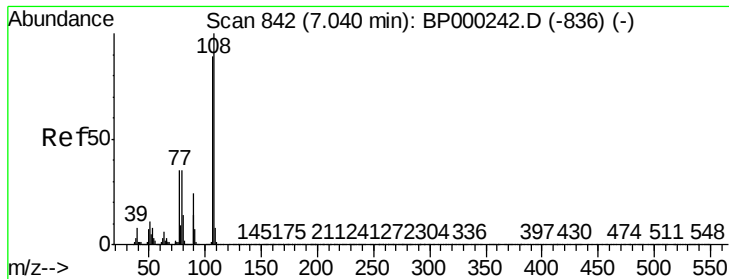
Ion Ratio Lower Upper

45 100

77 31.5 0.7 40.7

79 26.5 0.0 36.4

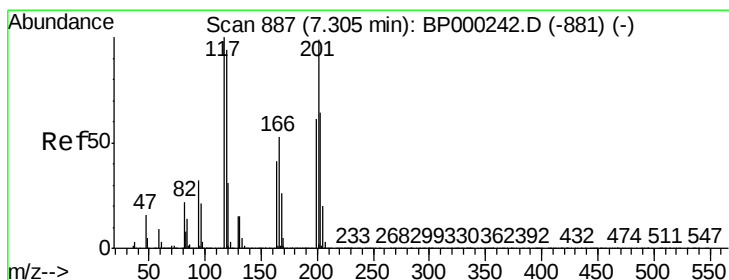
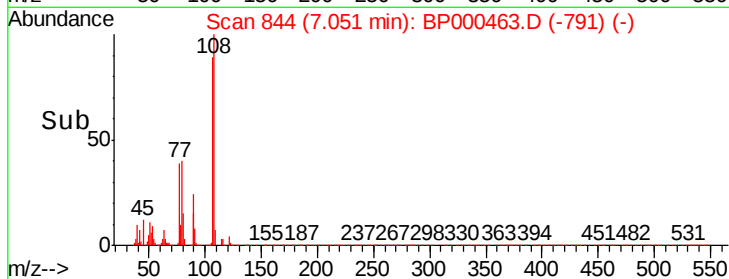
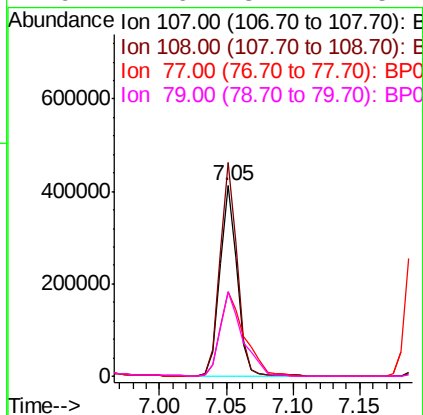
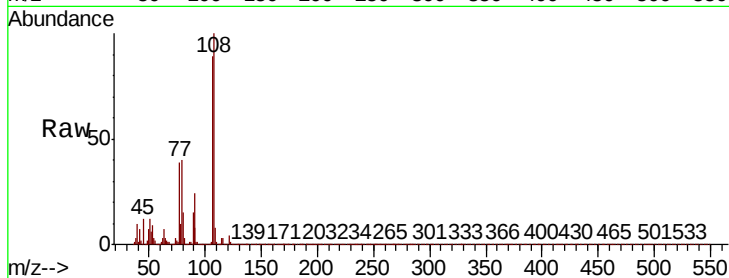




#17
2-Methylphenol
Concen: 46.755 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

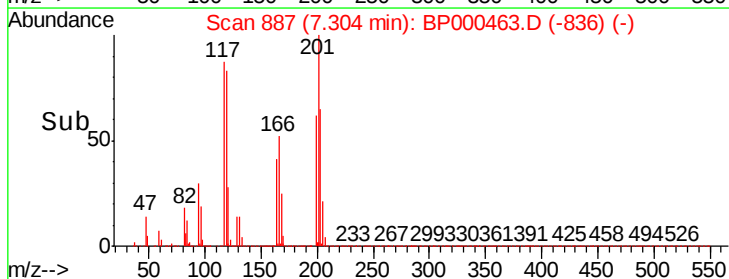
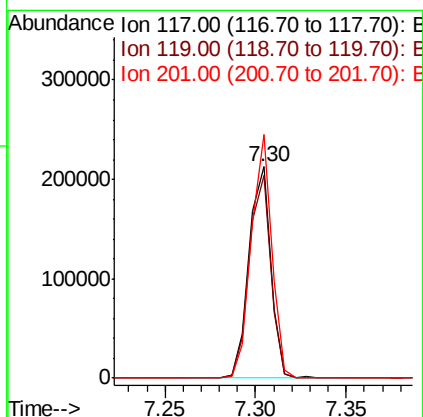
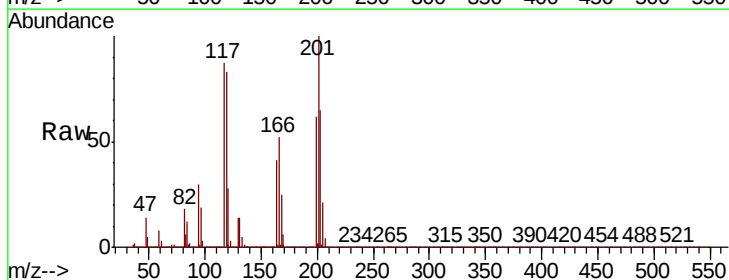
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	376867
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.1	135.1
77	44.1	31.5	47.3
79	44.6	32.2	48.2



#18
Hexachloroethane
Concen: 42.728 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	117	Resp:	177666
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	115.4	79.4	119.2

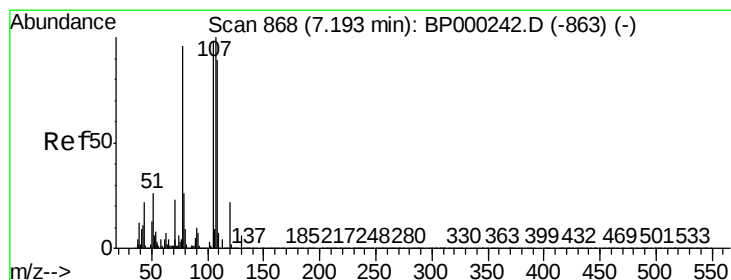
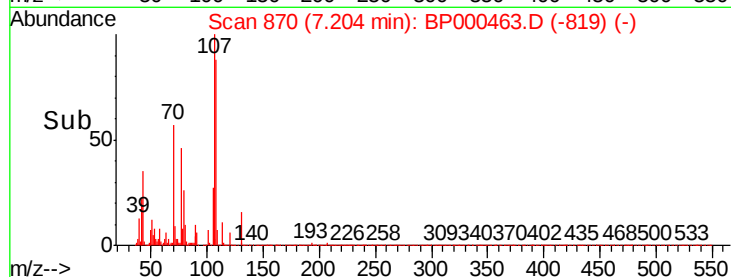
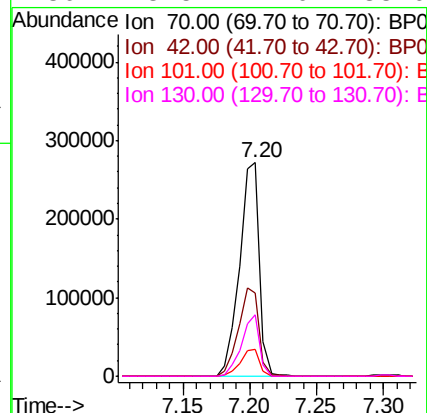
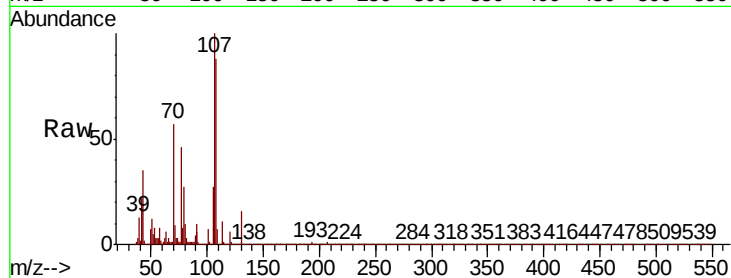




#19
n-Nitroso-di-n-propylamine
Concen: 50.113 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

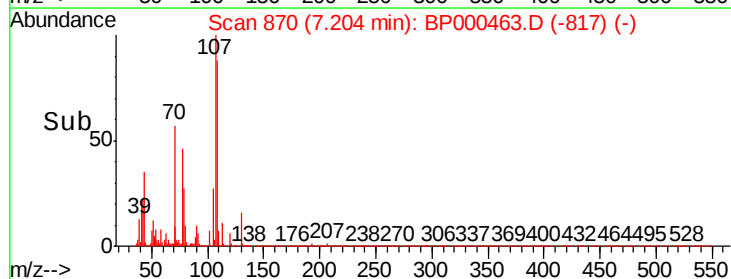
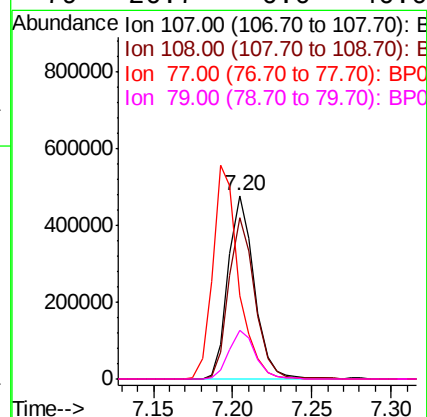
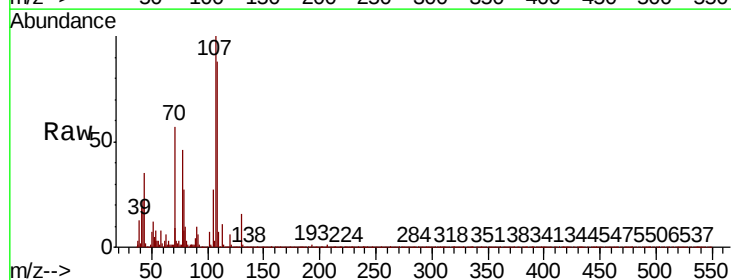
Instrument :
BNA_P
ClientSampleId :

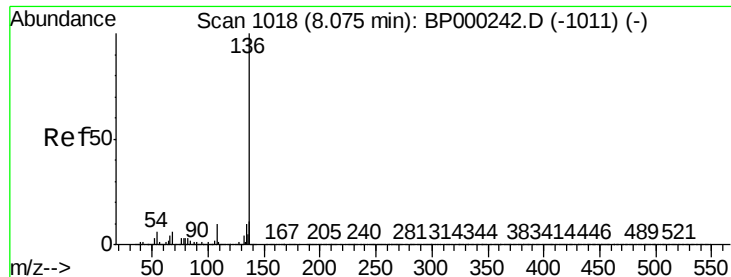
Tot Ion:	70	Resp:	283843
Ion	Ratio	Lower	Upper
70	100		
42	39.2	30.7	46.1
101	12.3	9.6	14.4
130	28.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 55.582 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	107	Resp:	541757
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.8	108.8
77	45.7	75.7	115.7#
79	26.7	6.0	46.0

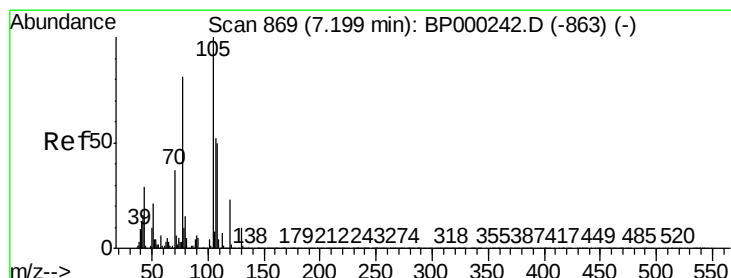
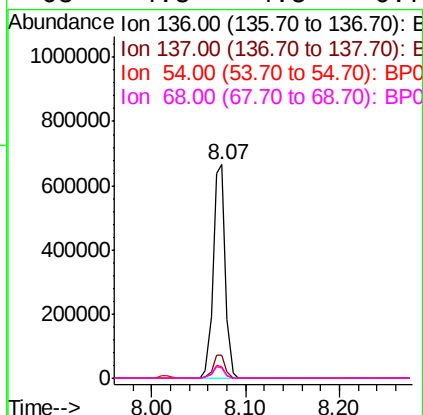
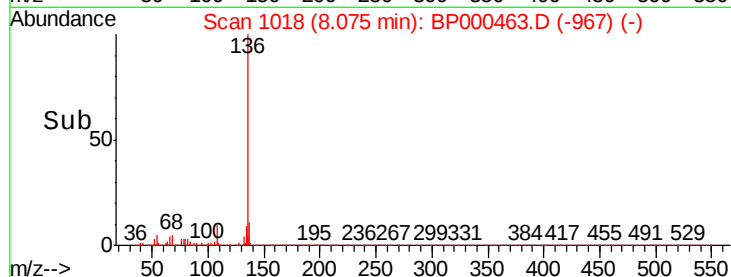
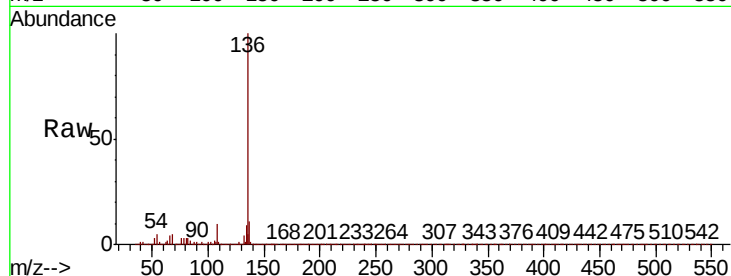




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

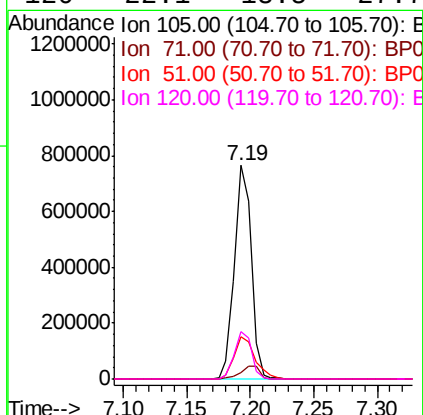
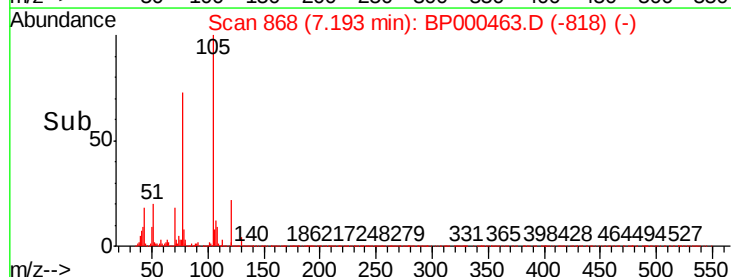
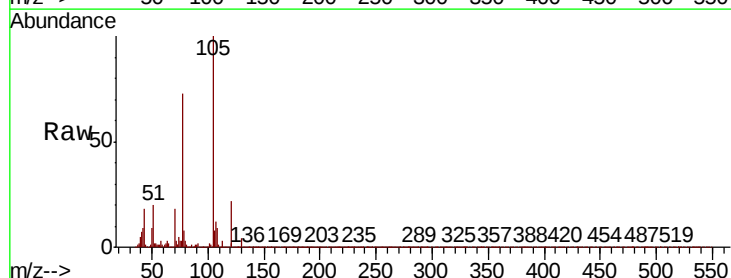
Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 609763
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 5.1	4.5 6.7
68 4.8	4.5 6.7



#22
Acetophenone
Concen: 52.695 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt	Ion:105	Resp:	696325
Ion	Ratio	Lower	Upper
105	100		
71	3.1	5.2	7.8#
51	19.6	16.6	24.8
120	22.1	18.5	27.7

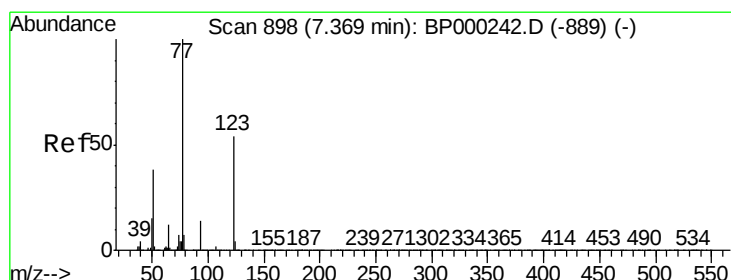
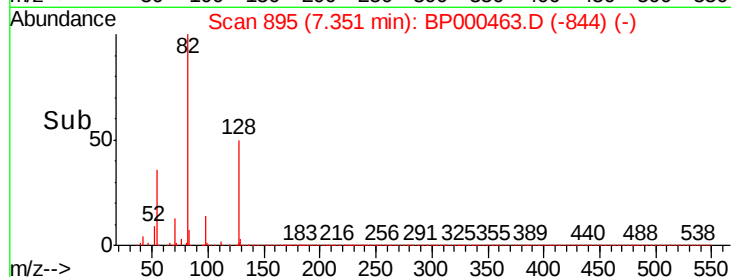
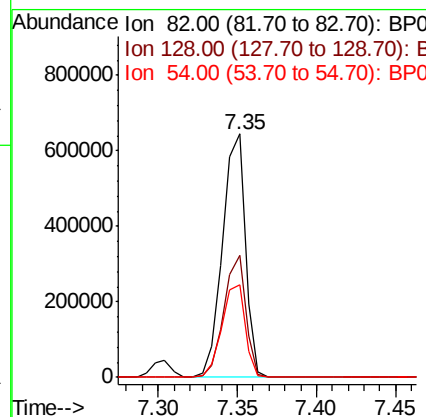
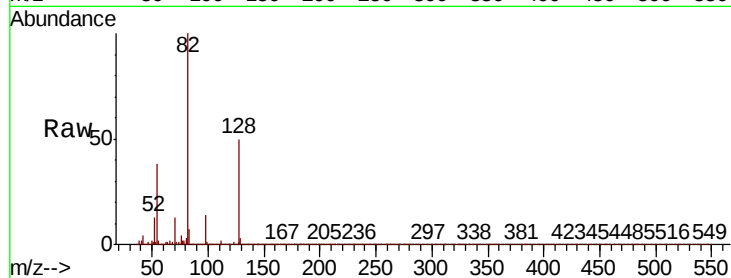




#23
 Nitrobenzene-d5
 Concen: 68.363 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

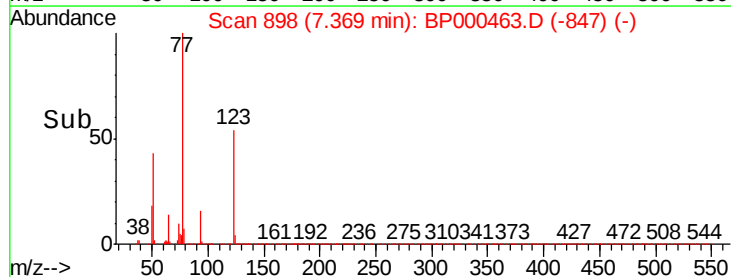
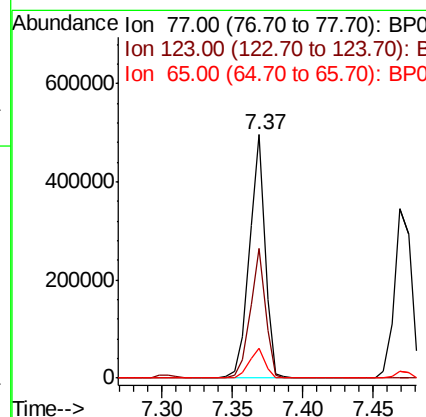
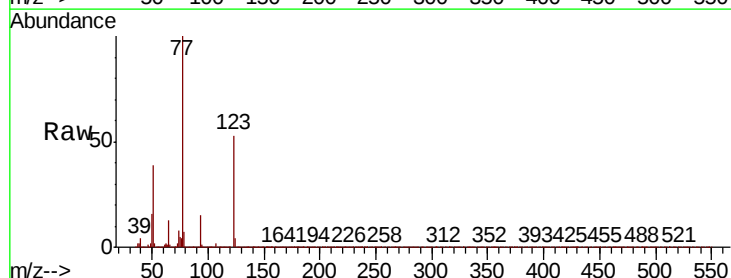
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 646088
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.7 61.1
 54 38.0 30.1 45.1



#24
 Nitrobenzene
 Concen: 38.826 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion: 77 Resp: 381133
 Ion Ratio Lower Upper
 77 100
 123 53.5 43.1 64.7
 65 12.5 9.4 14.2





#25

Isophorone

Concen: 49.922 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampled :

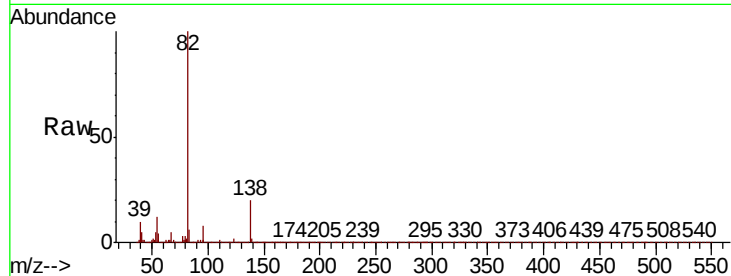
Tot Ion: 82 Resp: 934246

Ion Ratio Lower Upper

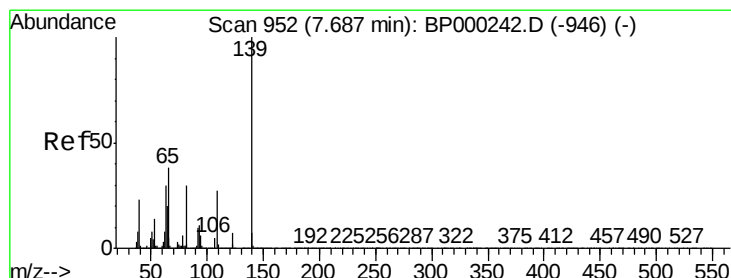
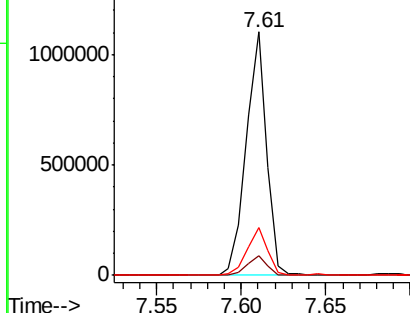
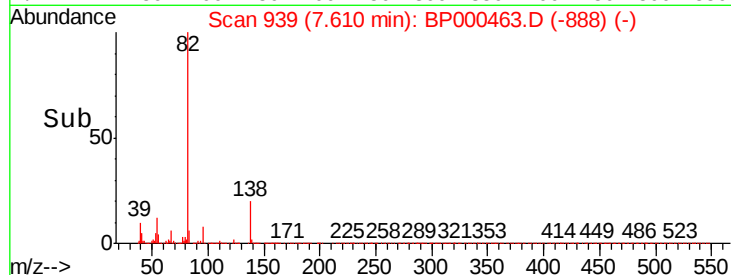
82 100

95 7.9 5.9 8.9

138 19.9 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: 48.232 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

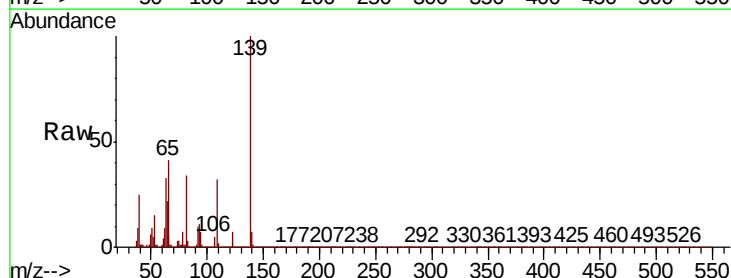
Tgt Ion: 139 Resp: 251000

Ion Ratio Lower Upper

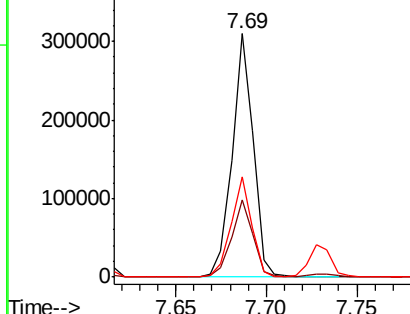
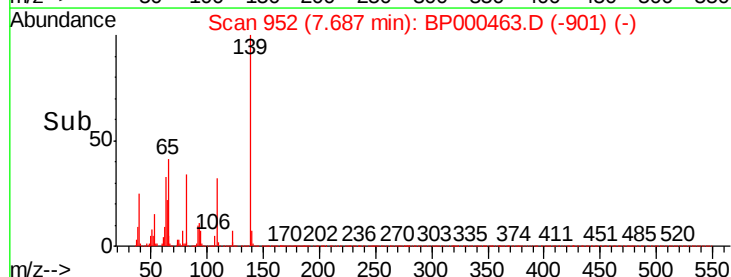
139 100

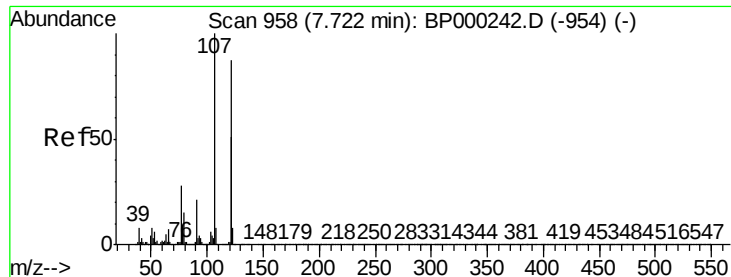
109 31.9 21.8 32.6

65 41.2 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

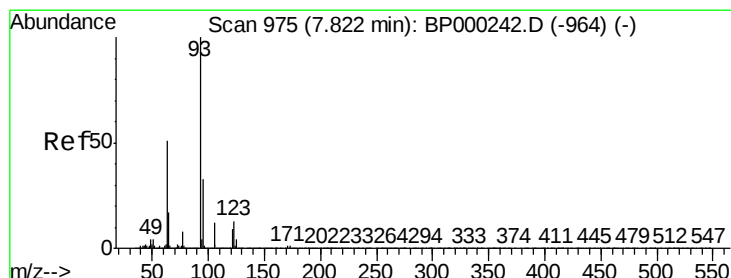
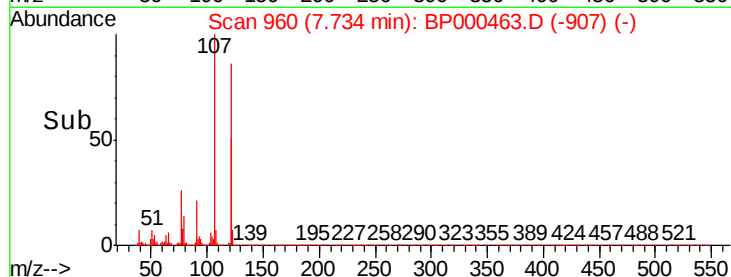
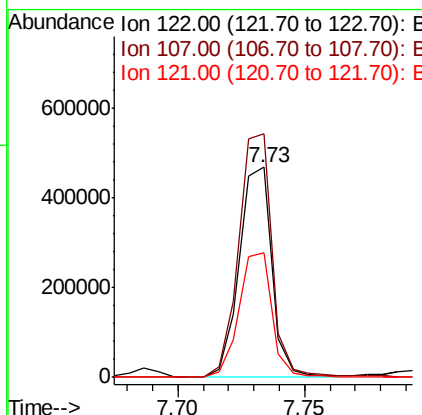
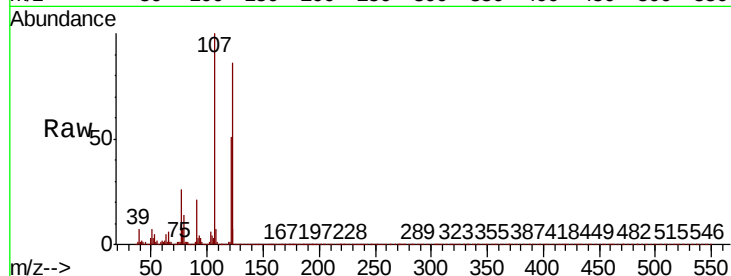




#27
2,4-Dimethylphenol
Concen: 51.001 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

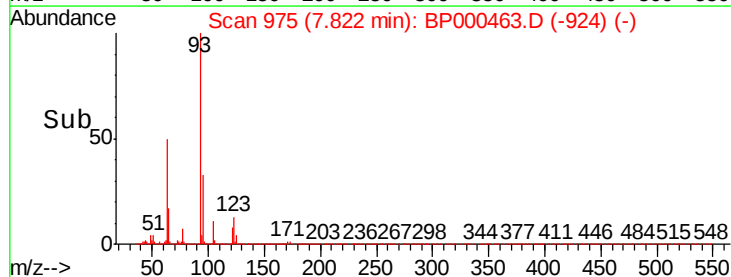
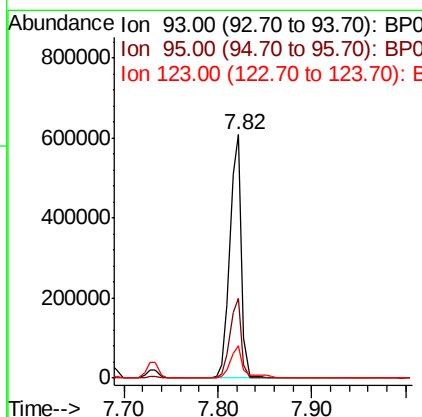
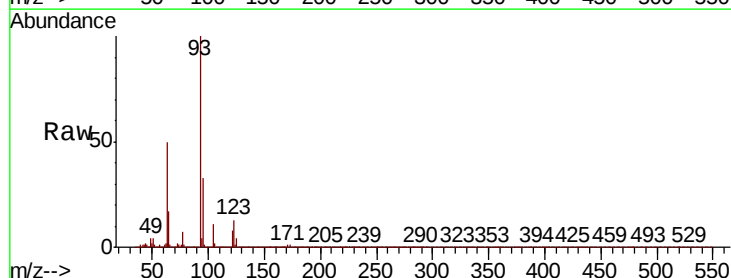
Instrument :
BNA_P
ClientSampleId :

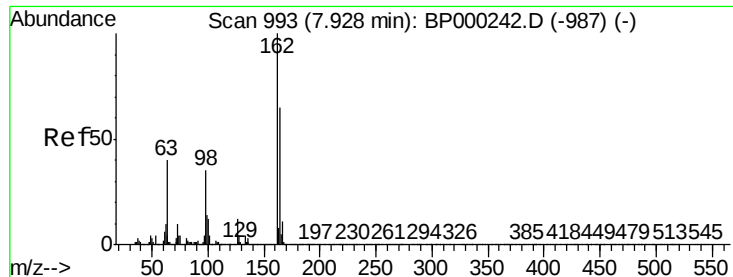
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.5	137.3
121	59.3	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.288 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	13.2	10.2	15.2

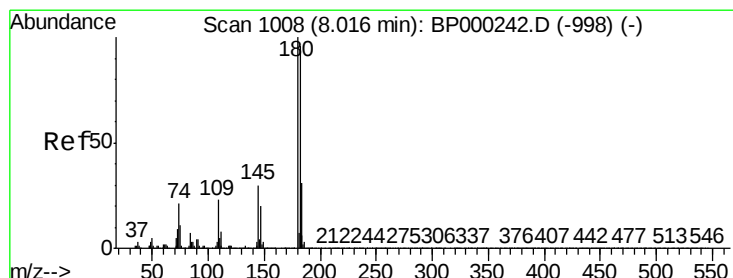
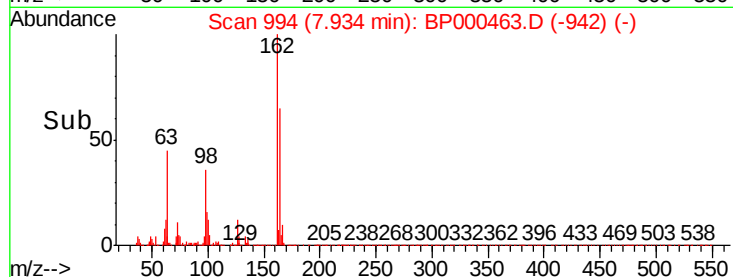
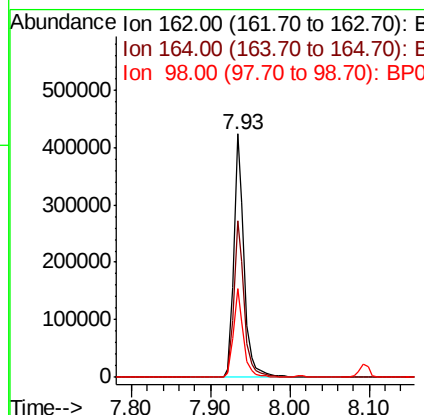
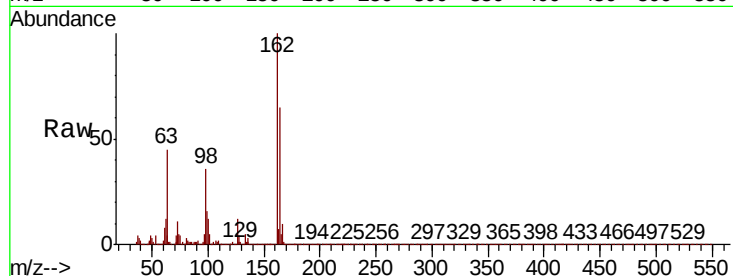




#29
2,4-Dichlorophenol
Concen: 43.084 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

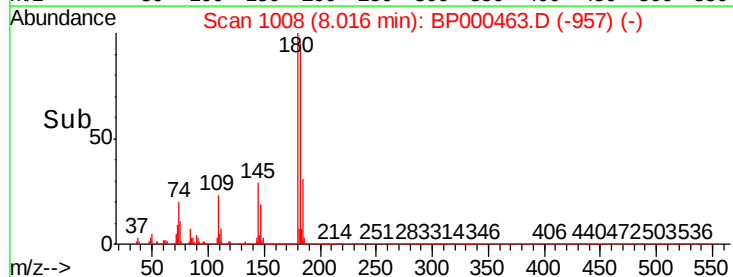
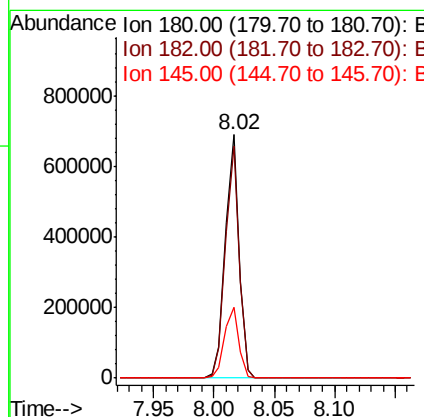
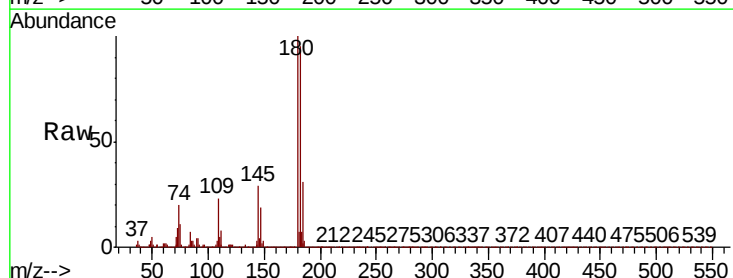
Instrument :
BNA_P
ClientSampleId :

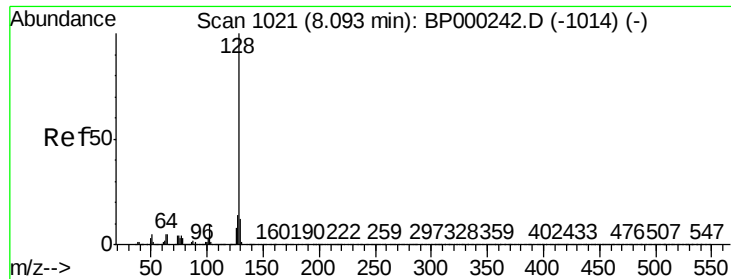
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	36.5	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 53.117 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.2	115.8
145	29.3	24.3	36.5

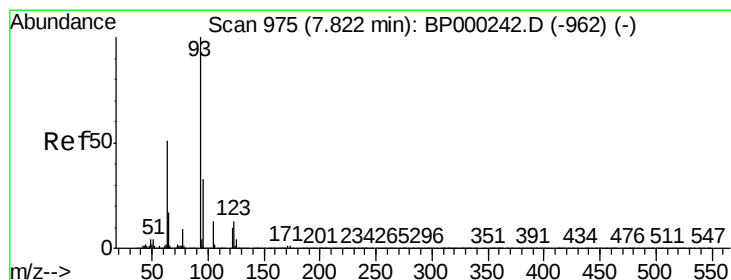
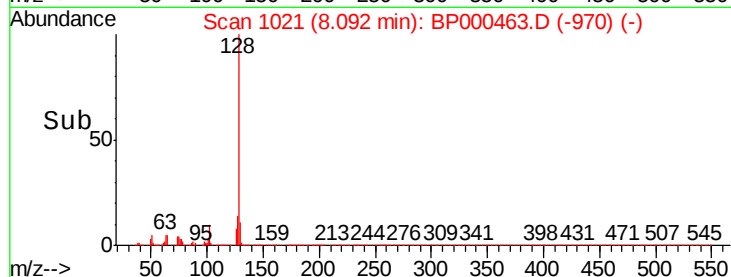
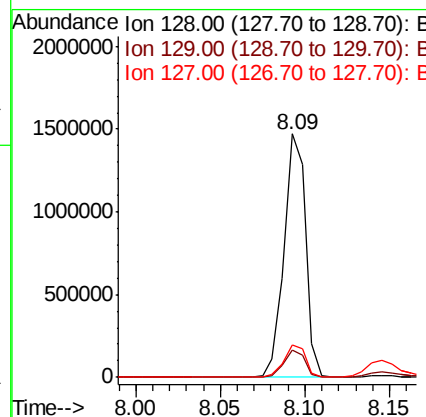
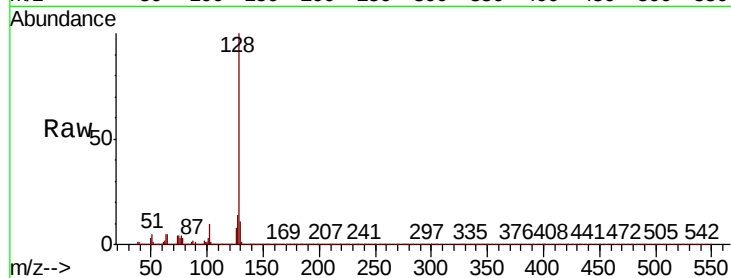




#31
Naphthalene
Concen: 46.113 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

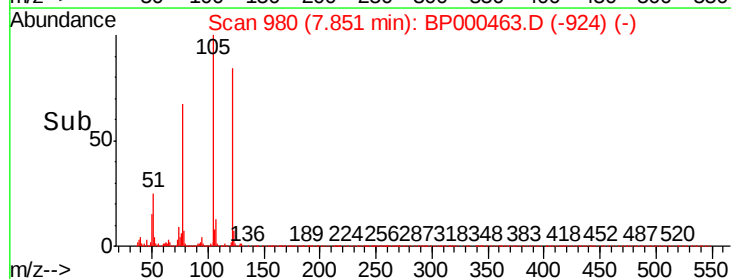
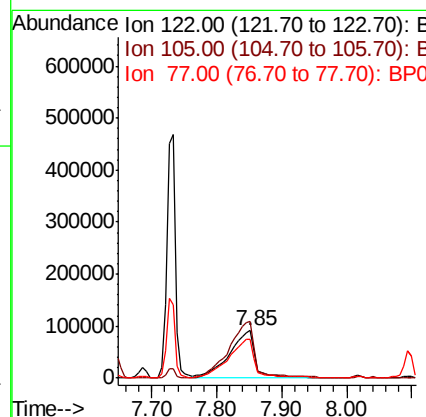
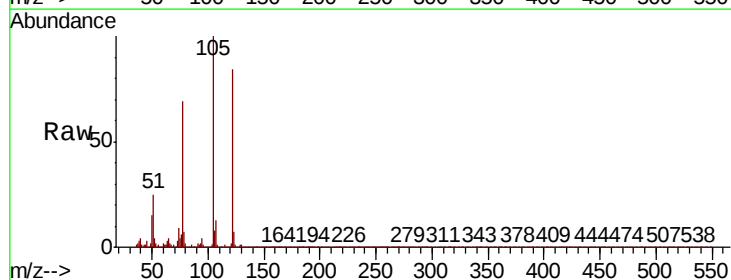
Instrument :
BNA_P
ClientSampleId :

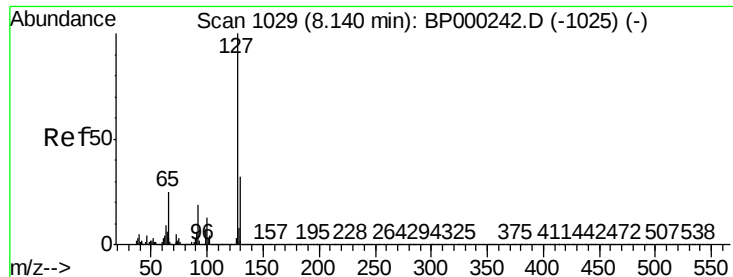
Tot Ion:128 Resp: 1302253
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 44.655 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:122 Resp: 249934
Ion Ratio Lower Upper
122 100
105 118.9 105.4 145.4
77 82.4 65.3 105.3

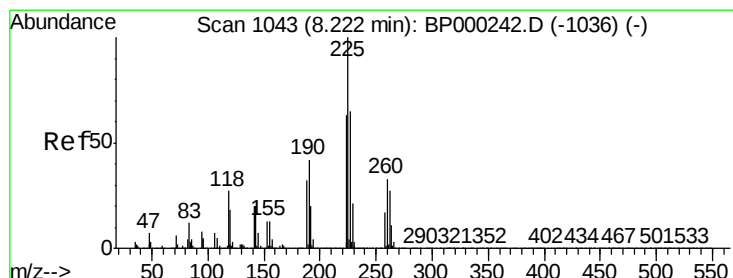
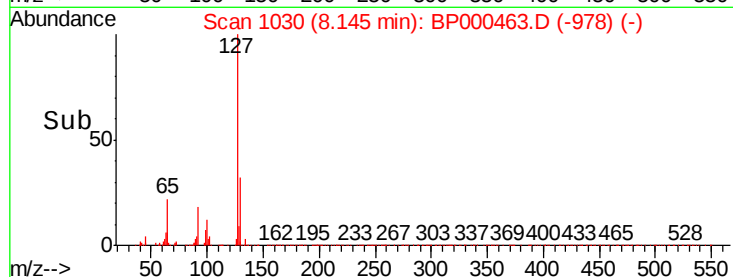
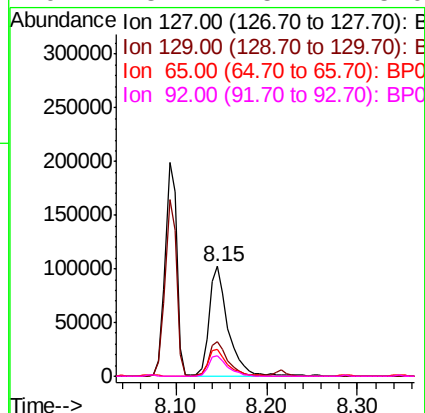
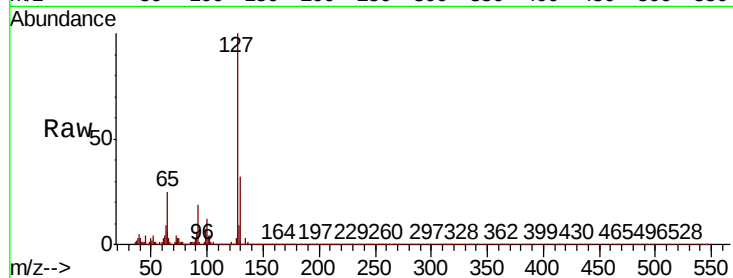




#33
4-Chloroaniline
Concen: 11.769 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

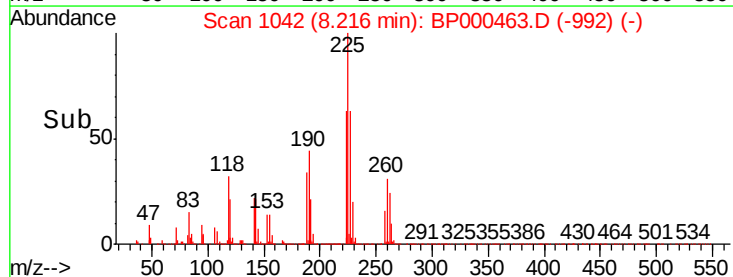
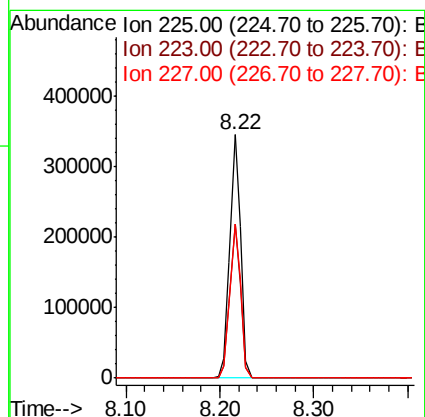
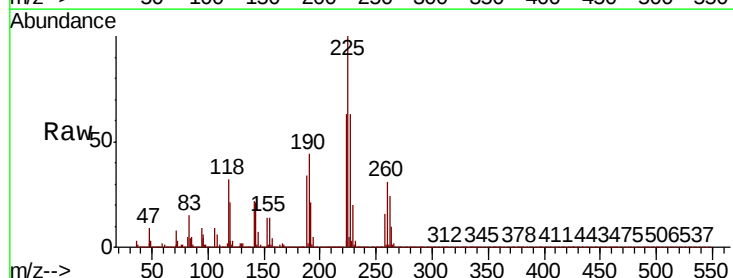
Instrument :
BNA_P
ClientSampled :

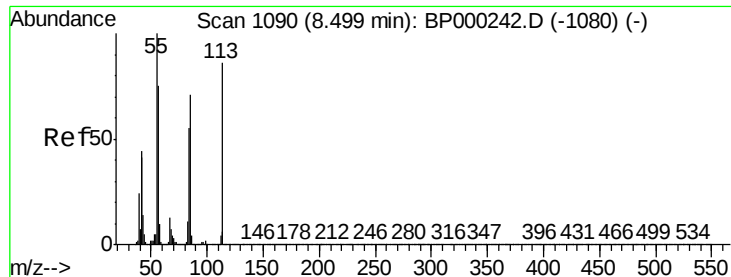
Tot Ion:	127	Resp:	150419
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	24.8	19.9	29.9
92	18.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.686 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	225	Resp:	275655
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.4	51.8	77.6

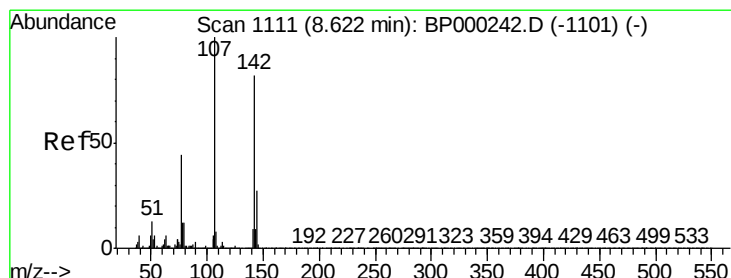
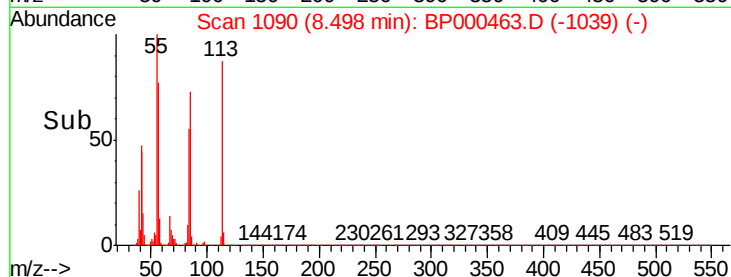
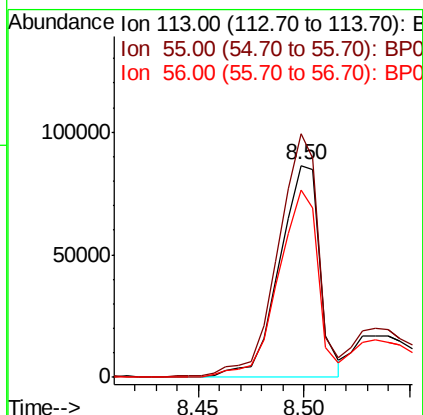
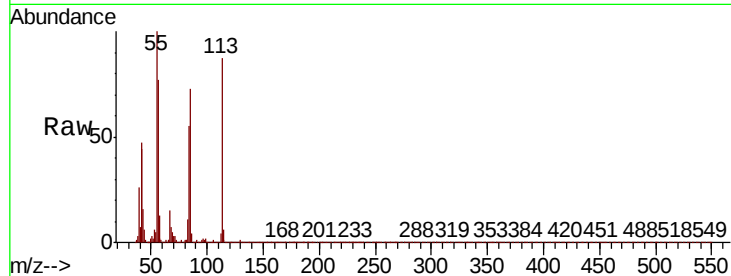




#35
 Caprolactam
 Concen: 38.121 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

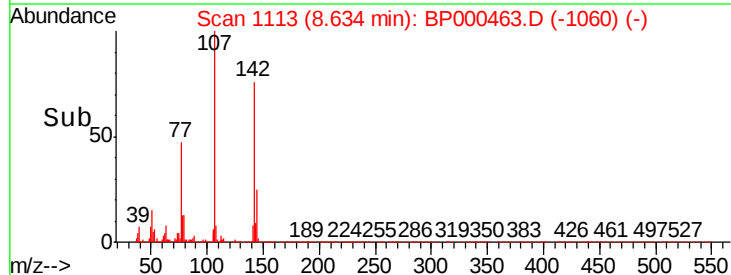
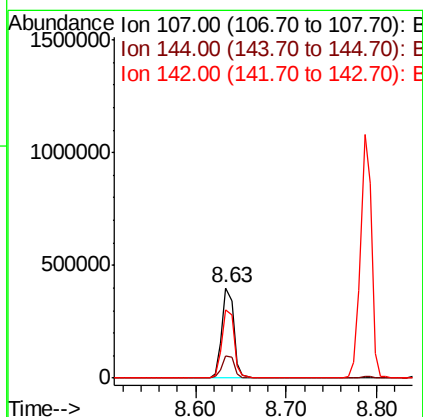
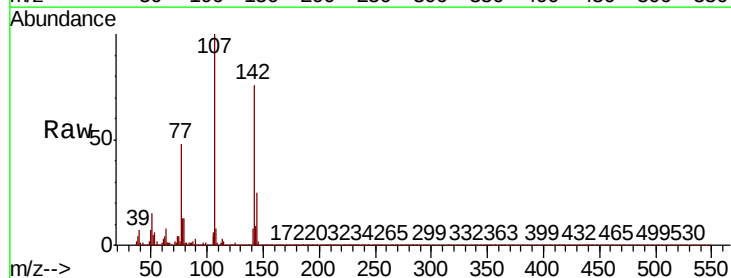
Instrument :
 BNA_P
 ClientSampled :

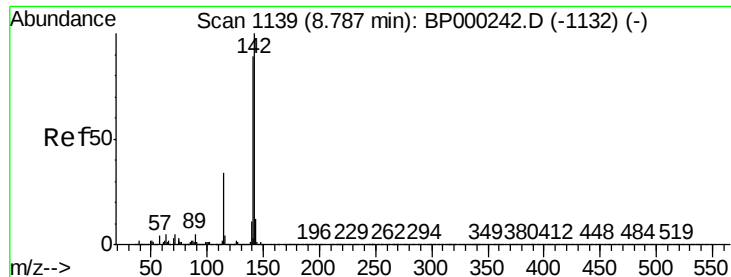
Tot Ion:113 Resp: 115212
 Ion Ratio Lower Upper
 113 100
 55 114.8 96.8 136.8
 56 88.5 67.5 107.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.953 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion:107 Resp: 360330
 Ion Ratio Lower Upper
 107 100
 144 24.9 21.5 32.3
 142 75.7 65.7 98.5





#37

2-Methylnaphthalene

Concen: 46.596 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampled :

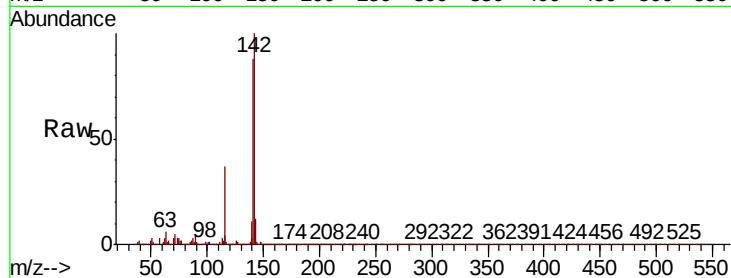
Tot Ion:142 Resp: 899532

Ion Ratio Lower Upper

142 100

141 88.2 71.3 106.9

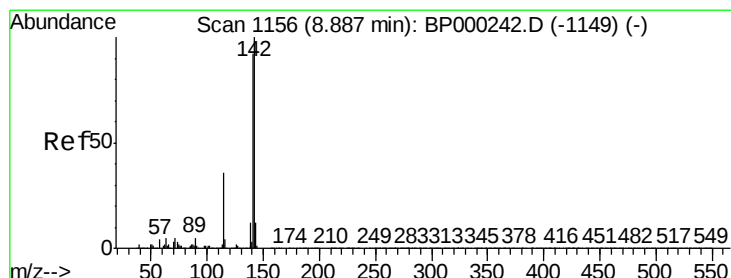
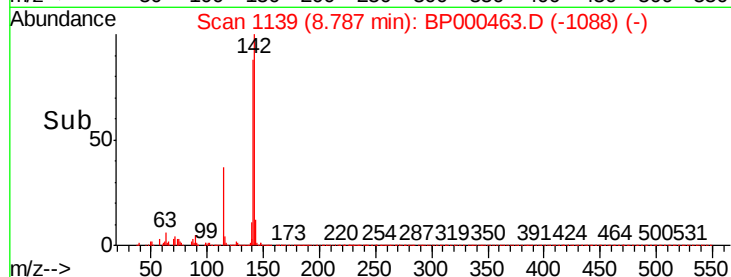
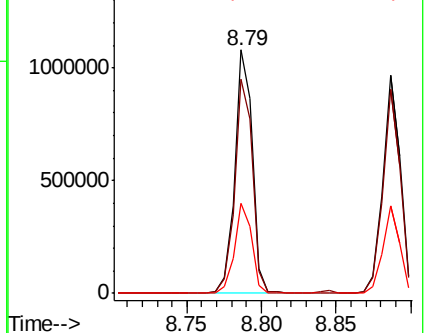
115 37.0 27.2 40.8



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: 42.418 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

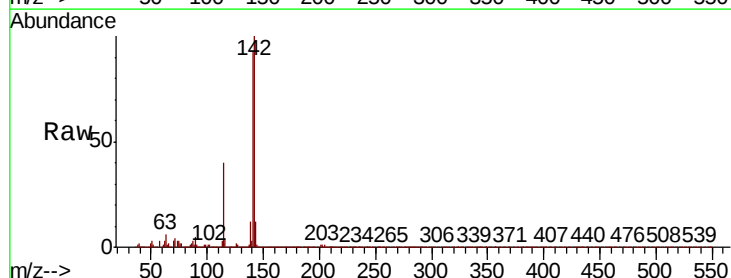
Tgt Ion:142 Resp: 767082

Ion Ratio Lower Upper

142 100

141 93.3 73.9 110.9

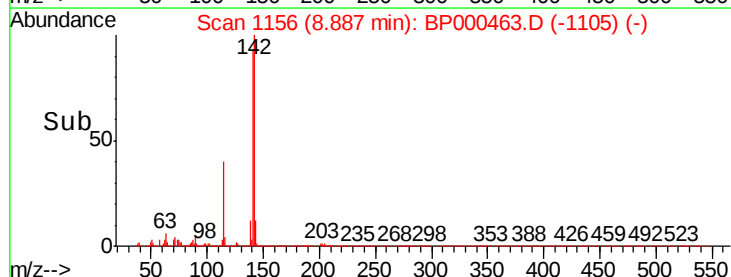
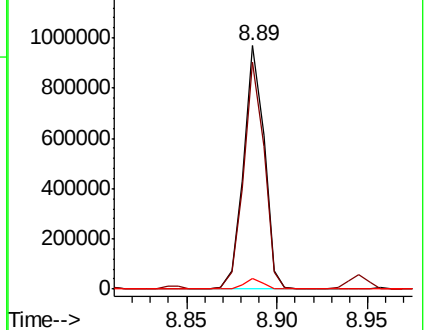
116 4.1 3.0 4.6

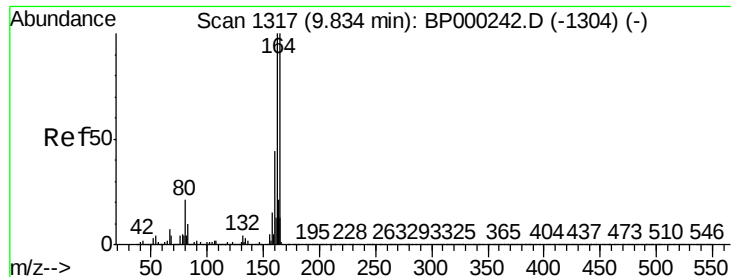


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

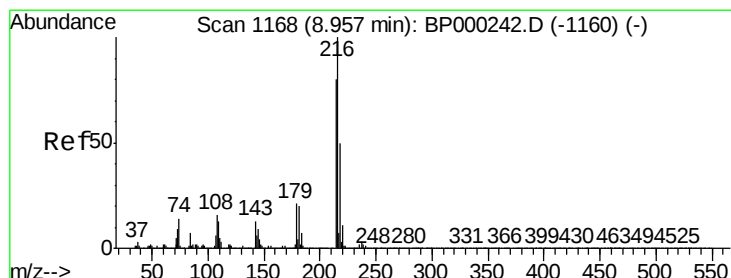
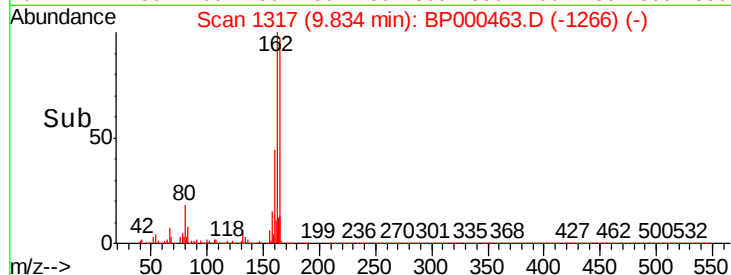
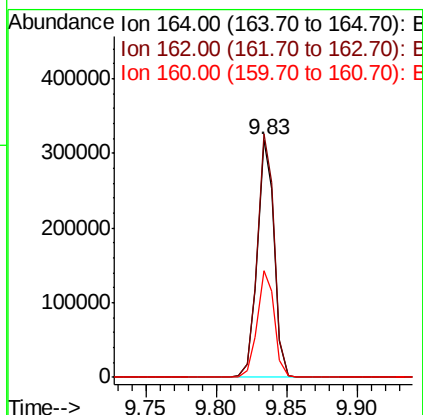
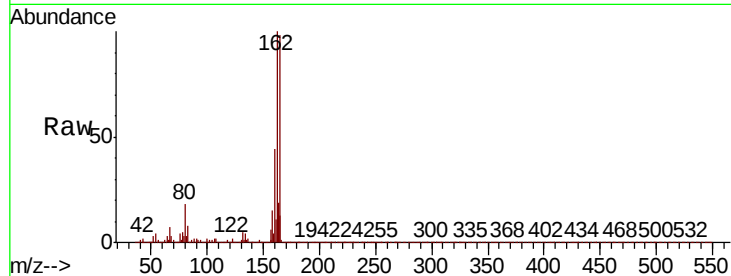




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

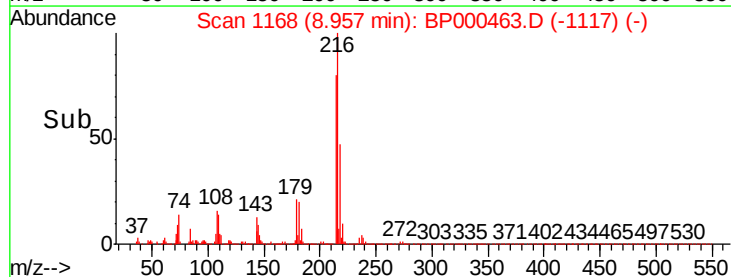
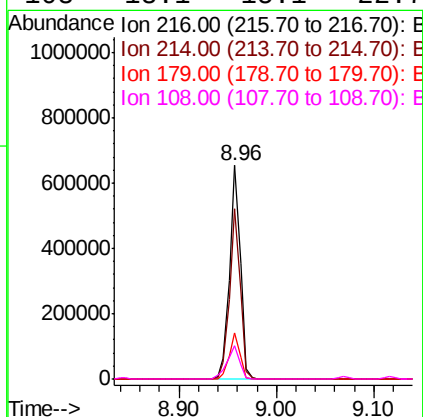
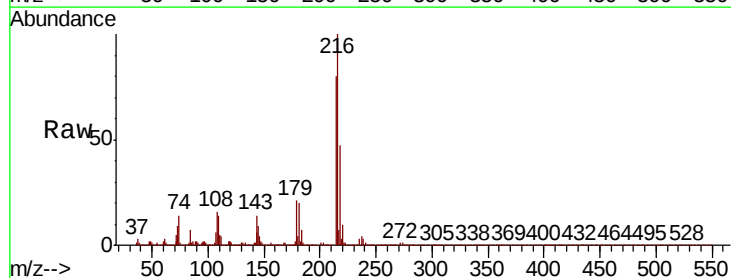
Instrument :
BNA_P
ClientSampleId :

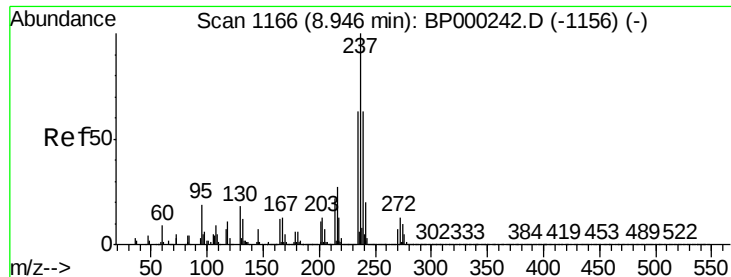
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.9	119.9
160	44.9	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.271 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	21.1	17.0	25.4
108	18.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 80.070 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

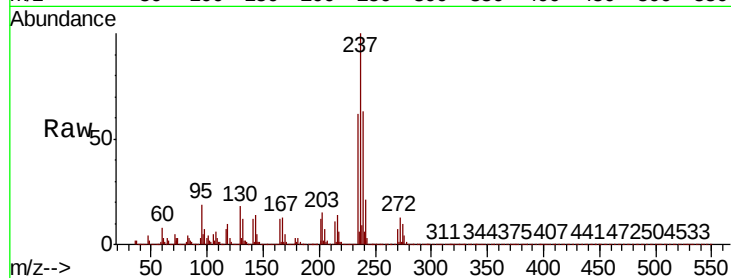
Tot Ion:237 Resp: 352718

Ion Ratio Lower Upper

237 100

235 62.4 43.5 83.5

272 12.9 0.0 33.0

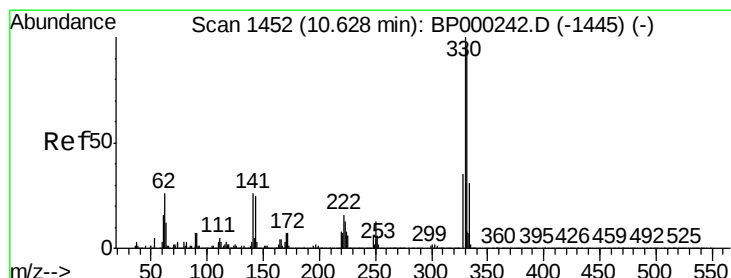
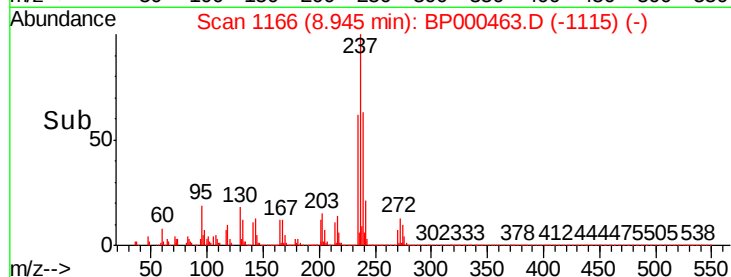
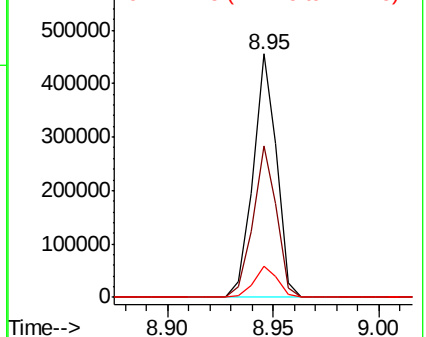


Abundance

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: 109.884 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

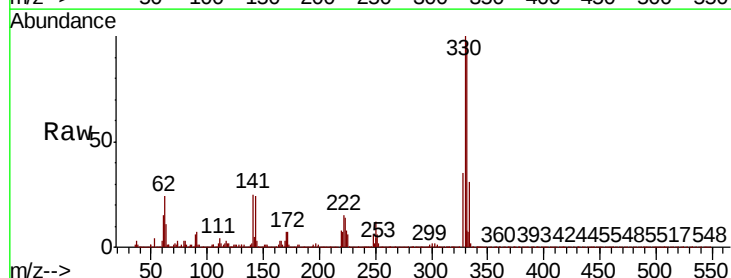
Tgt Ion:330 Resp: 292426

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 30.3 26.5 39.7

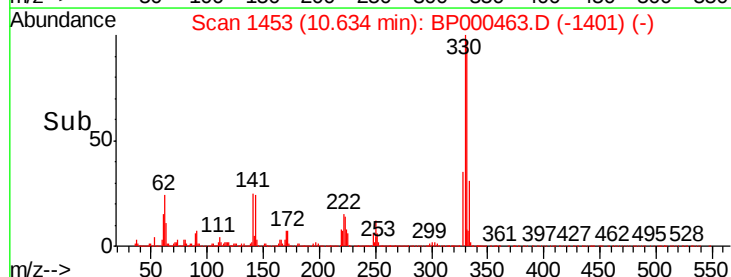
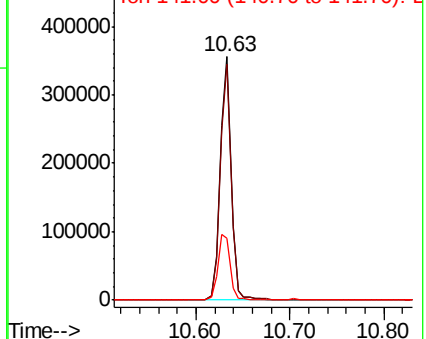


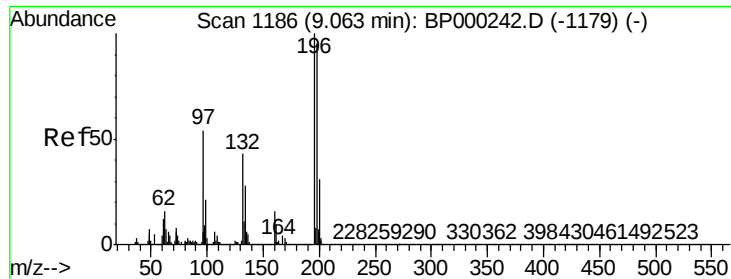
Abundance

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

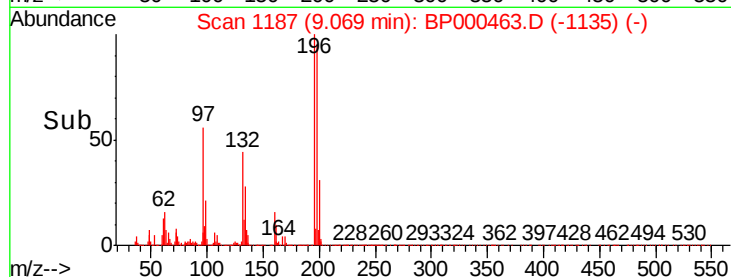
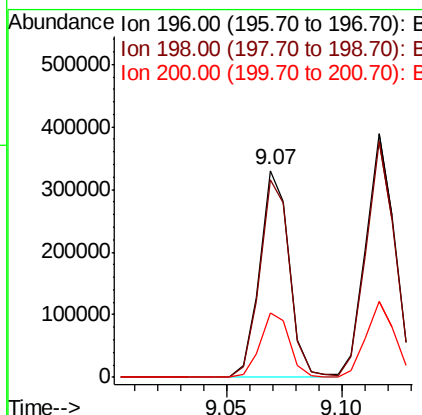
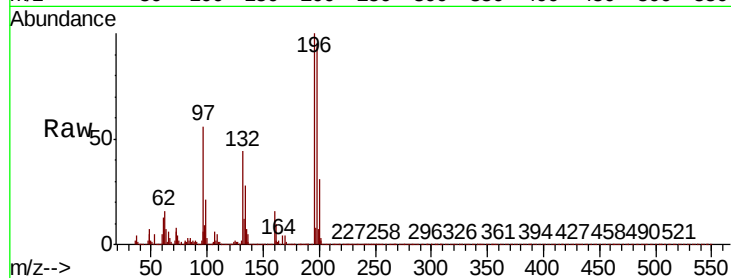




#43
 2,4,6-Trichlorophenol
 Concen: 55.542 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

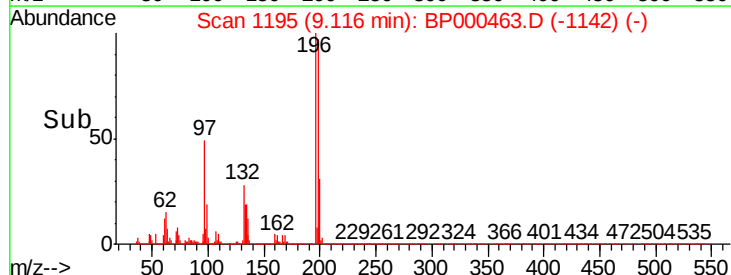
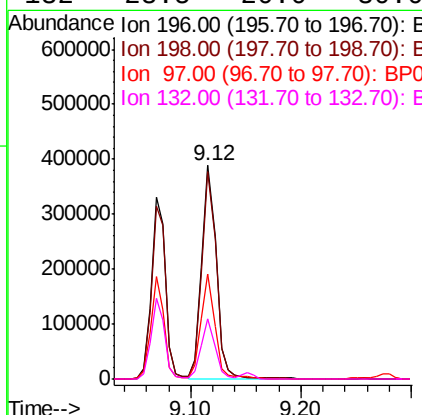
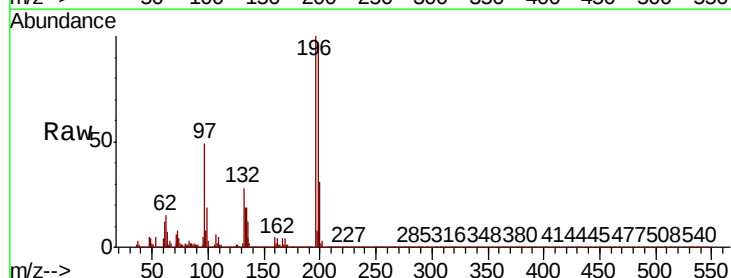
Instrument :
 BNA_P
 ClientSampled :

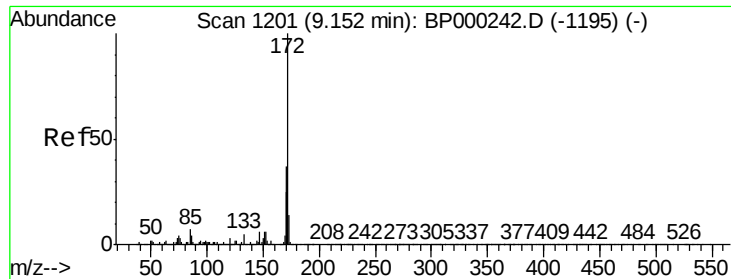
Tot Ion	196	Resp	294827
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.0	114.0
200	30.9	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 63.812 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	196	Resp	346845
Ion Ratio	Lower	Upper	
196	100		
198	96.9	78.1	117.1
97	49.2	33.3	49.9
132	28.5	20.0	30.0

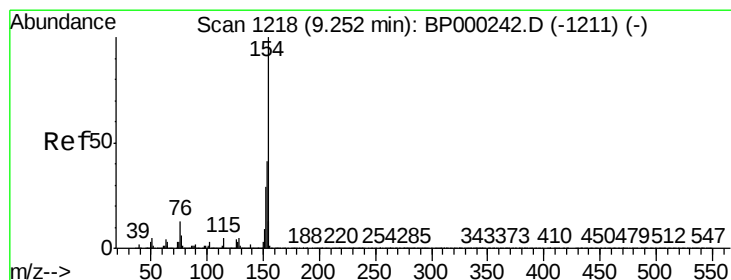
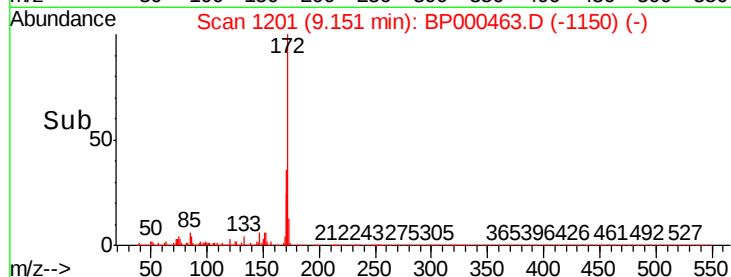
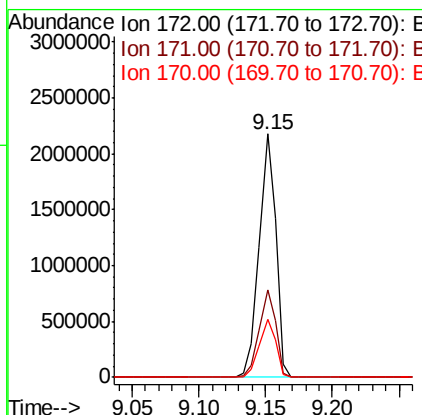
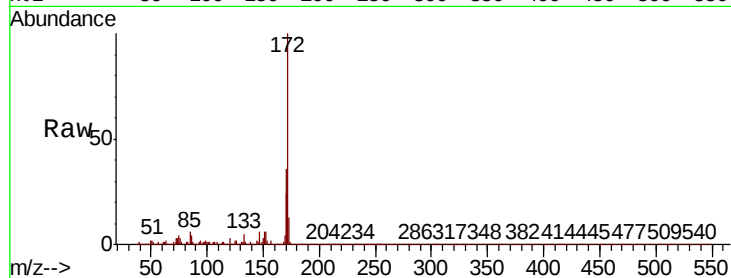




#45
2-Fluorobiphenyl
Concen: 124.006 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

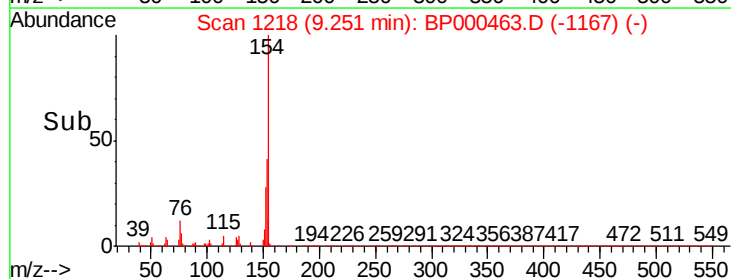
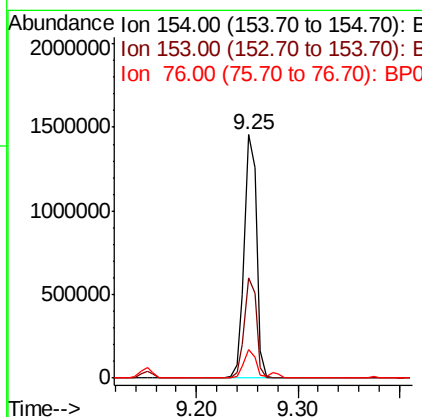
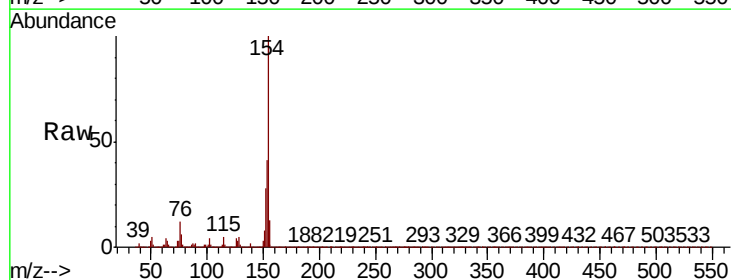
Instrument :
BNA_P
ClientSampleId :

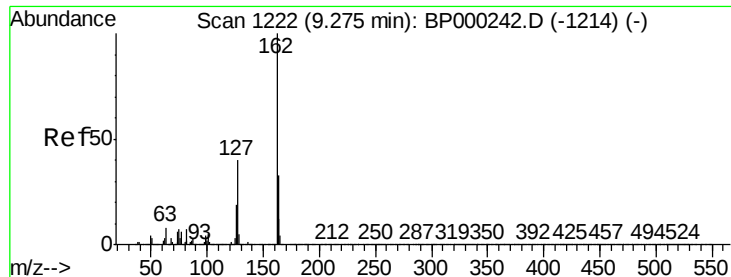
Tot Ion:172 Resp: 1848602
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 24.0 19.8 29.6



#46
1,1'-Biphenyl
Concen: 66.082 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:154 Resp: 1226541
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 11.9 0.0 33.4

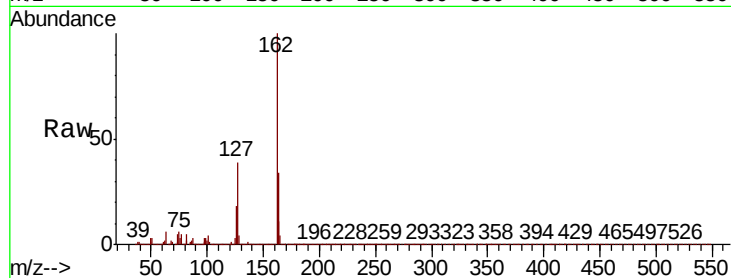




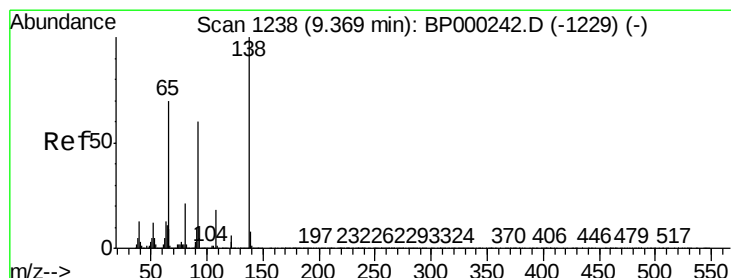
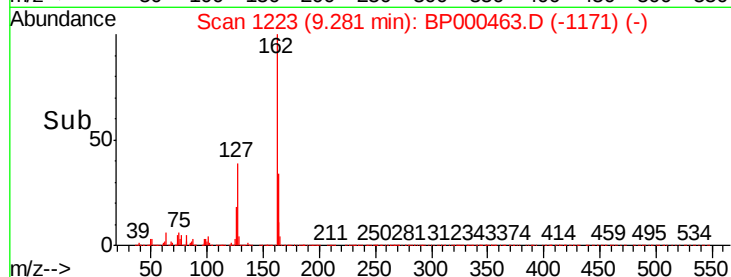
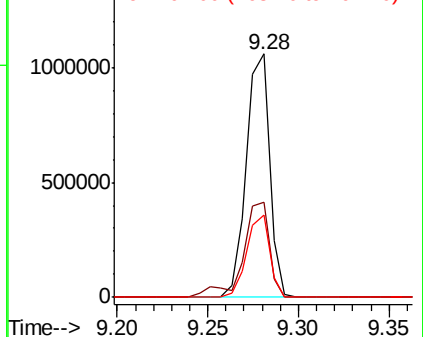
#47
2-Chloronaphthalene
Concen: 61.064 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.4	48.6
164	33.7	26.3	39.5

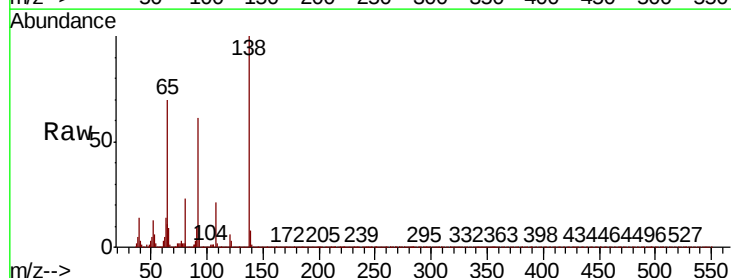


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

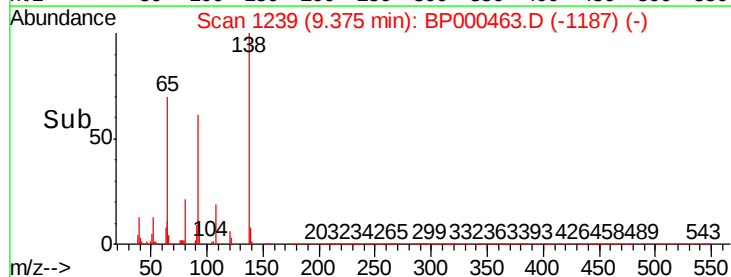
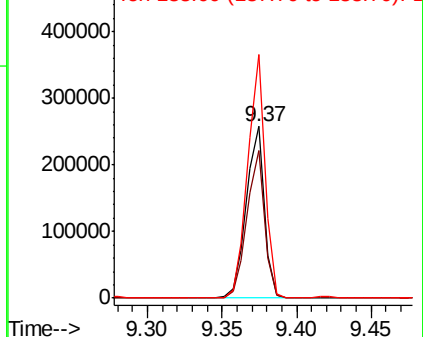


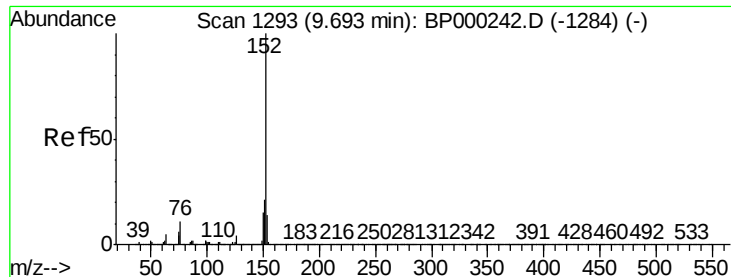
#48
2-Nitroaniline
Concen: 54.518 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	86.2	68.7	103.1
138	141.9	114.4	171.6



Abundance Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 60.498 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

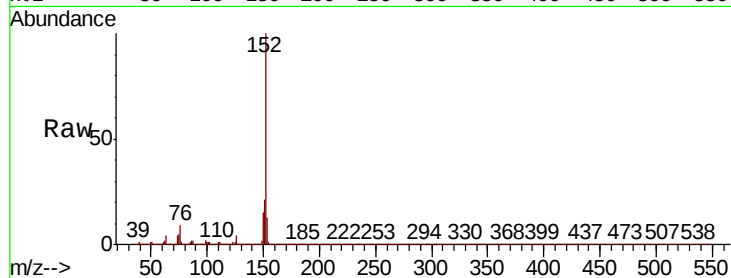
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1415912

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.3	11.0	16.4

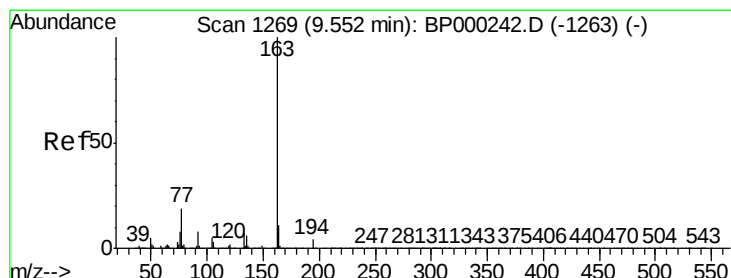
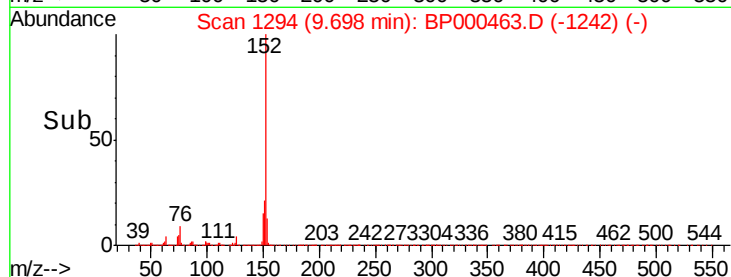
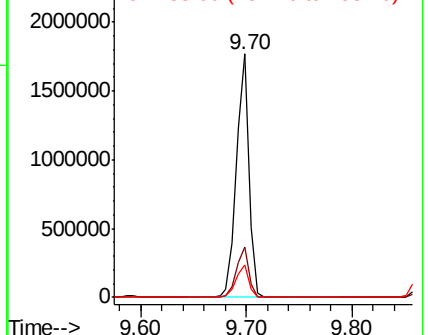


Abundance

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: 77.118 ng

RT: 9.56 min Scan# 1270

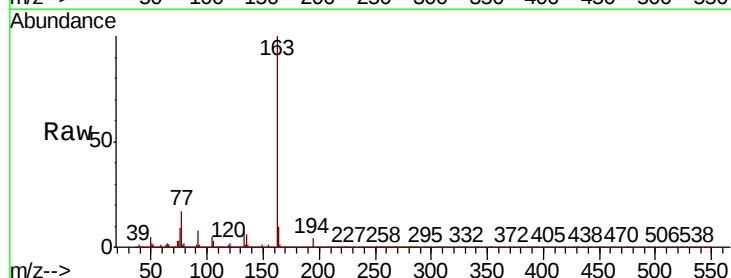
Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:163 Resp: 1409719

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7

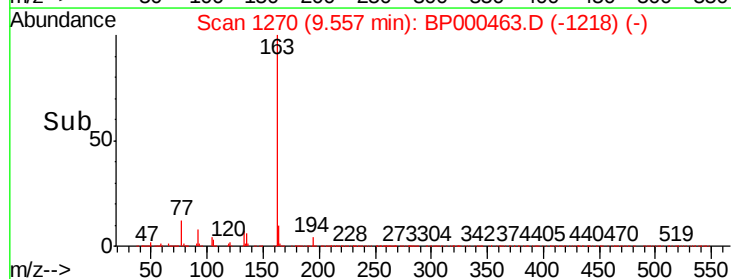
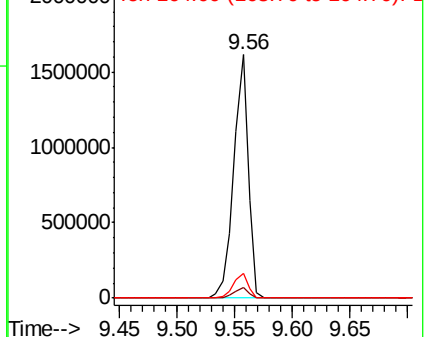


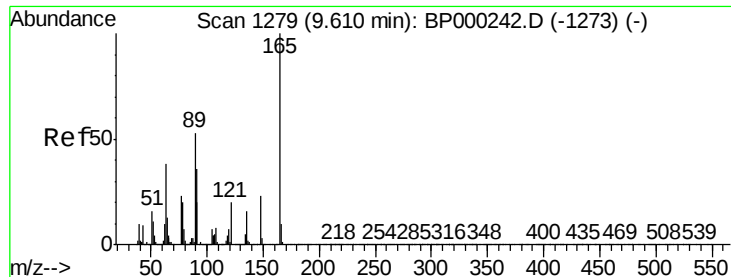
Abundance

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

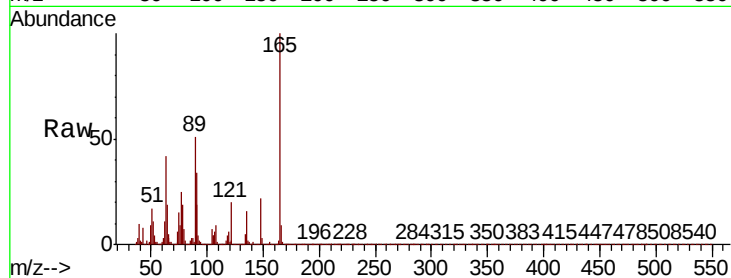




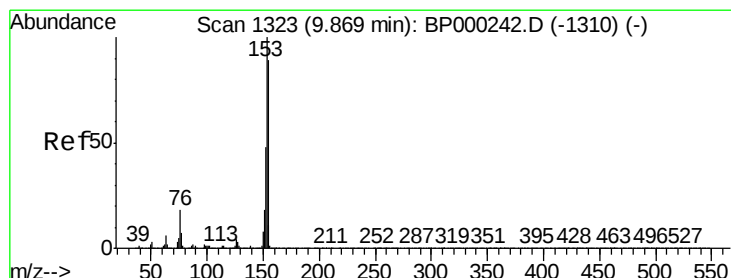
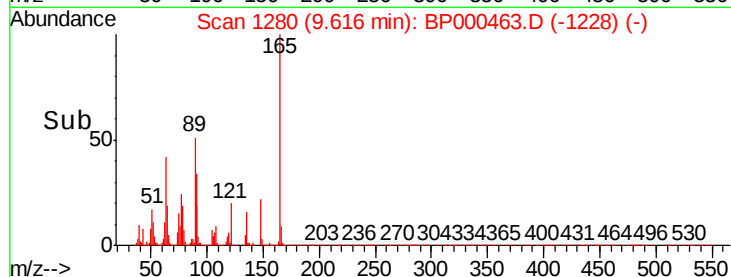
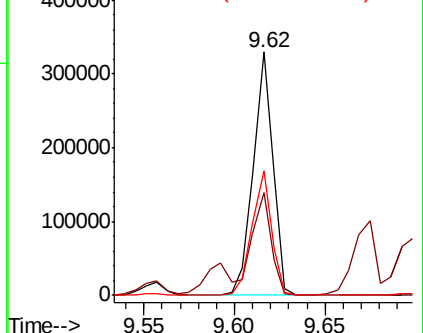
#51
 2,6-Dinitrotoluene
 Concen: 62.095 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	35.8	53.8
89	51.1	42.6	63.8

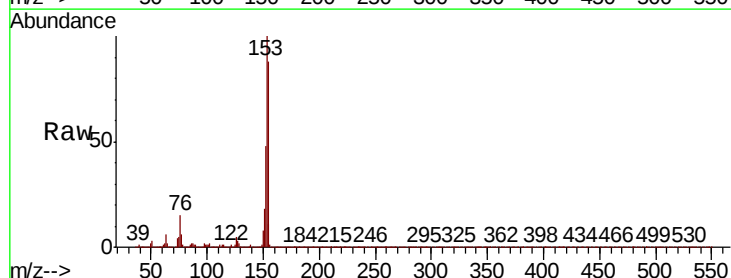


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 89.00 (88.70 to 89.70): BP0

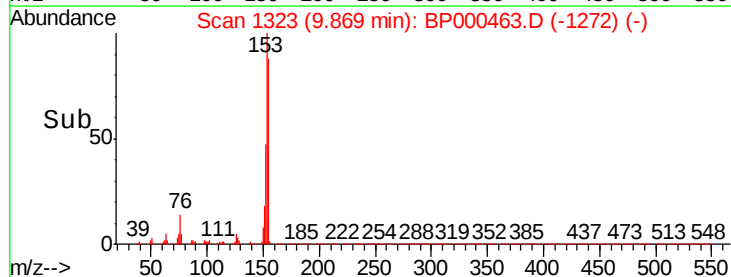
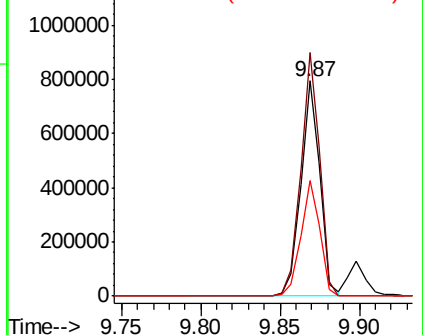


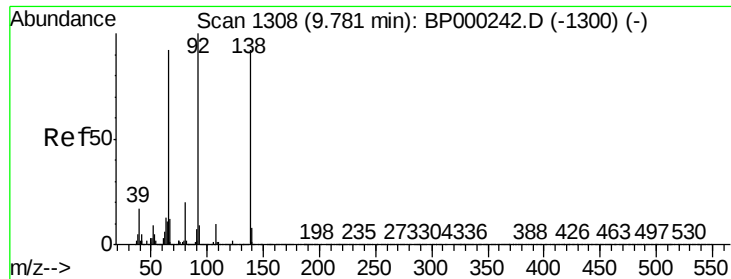
#52
 Acenaphthene
 Concen: 44.361 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.6
152	53.8	43.4	65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

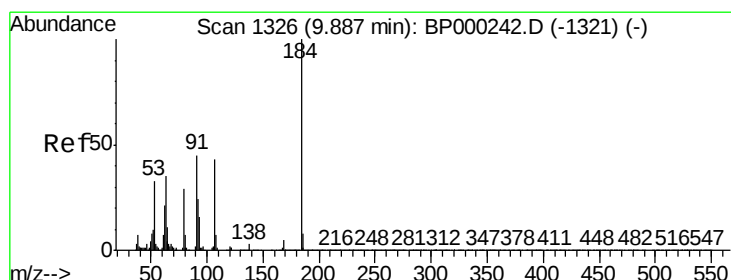
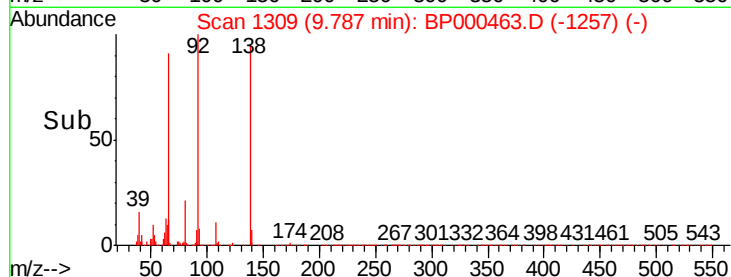
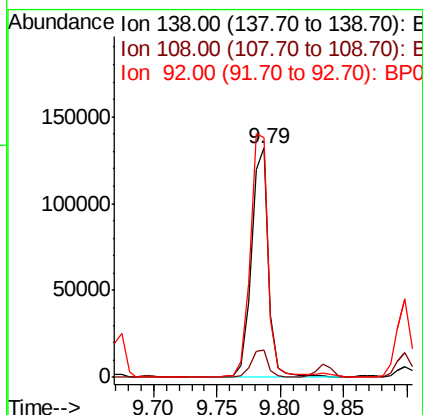
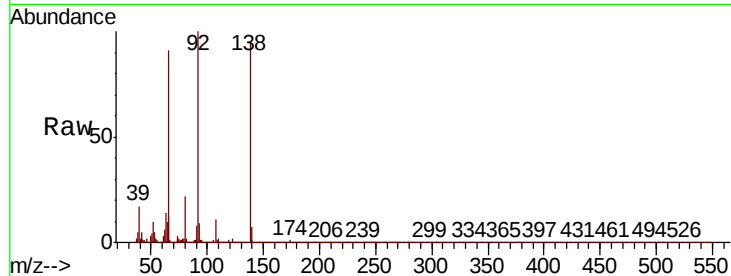




#53
3-Nitroaniline
Concen: 26.396 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

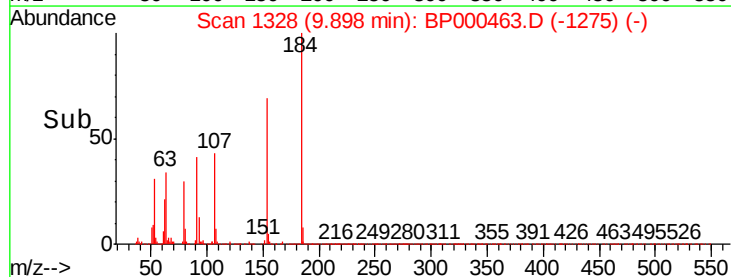
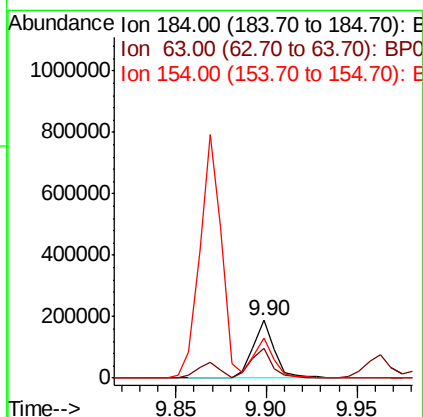
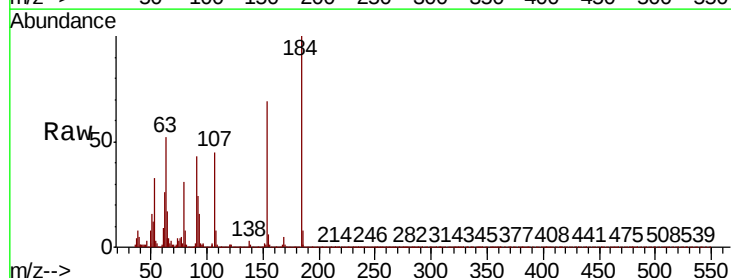
Instrument :
BNA_P
ClientSampleId :

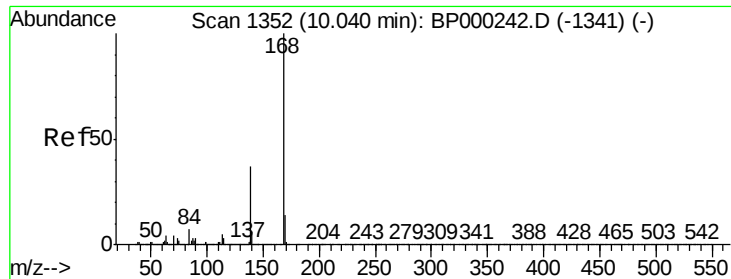
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	104.8	86.7	130.1



#54
2,4-Dinitrophenol
Concen: 88.176 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.4	39.5	59.3
154	69.3	48.8	73.2

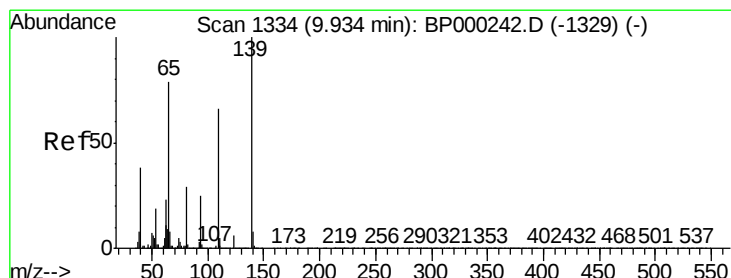
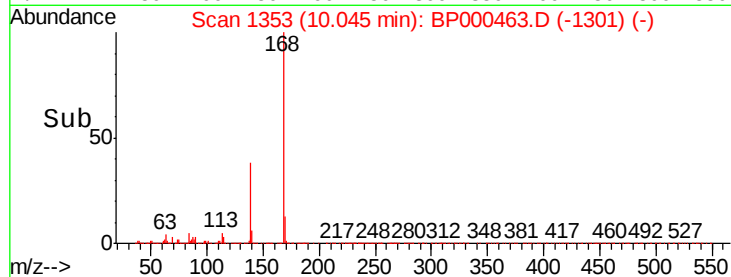
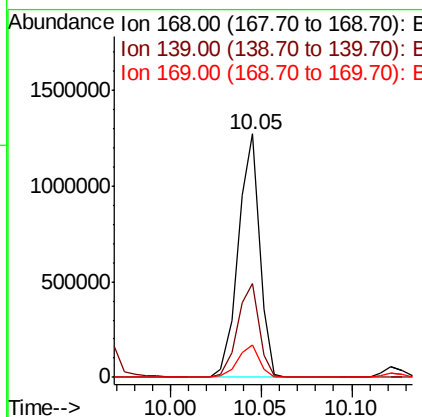
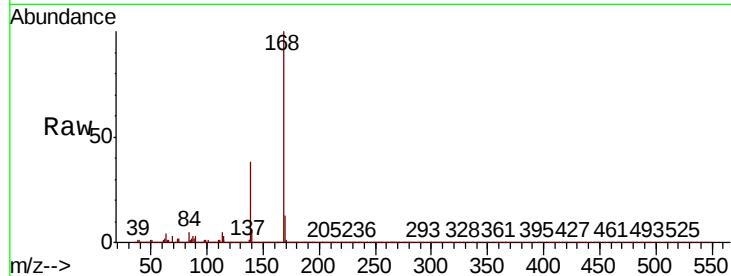




#55
Dibenzofuran
Concen: 49.792 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

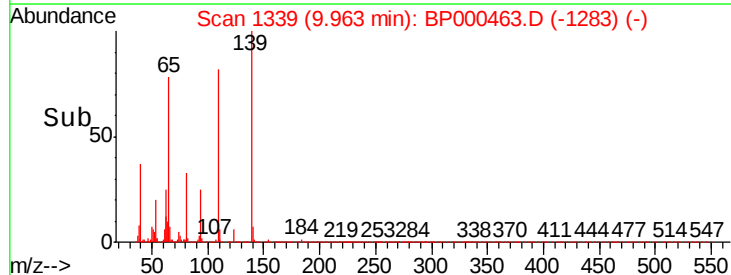
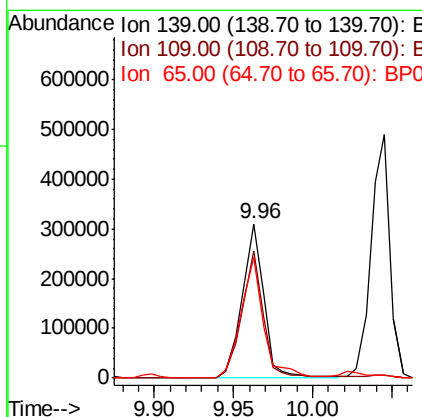
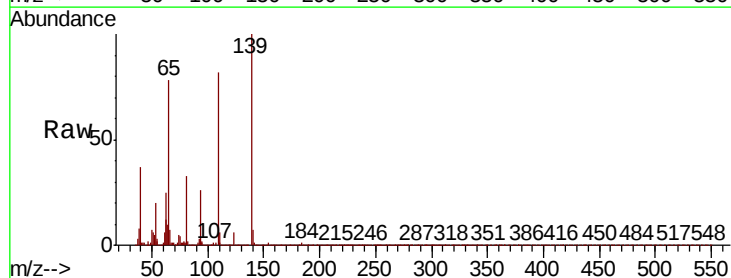
Instrument :
BNA_P
ClientSampleId :

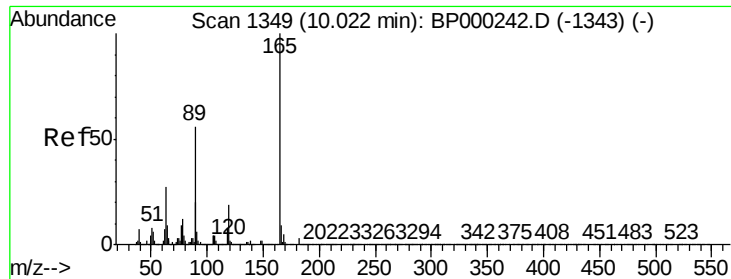
Tot Ion:168 Resp: 1039602
Ion Ratio Lower Upper
168 100
139 38.4 30.0 45.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 85.298 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:139 Resp: 295982
Ion Ratio Lower Upper
139 100
109 82.5 46.2 86.2
65 78.4 59.4 99.4

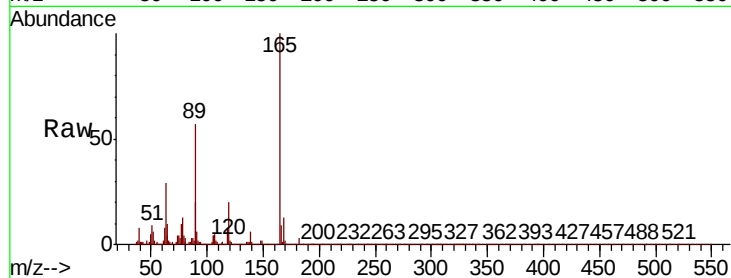




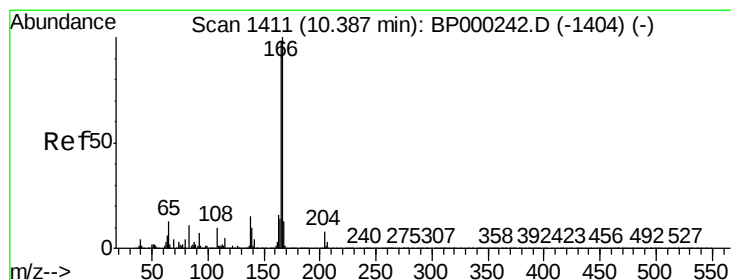
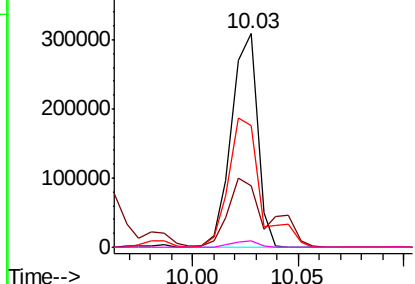
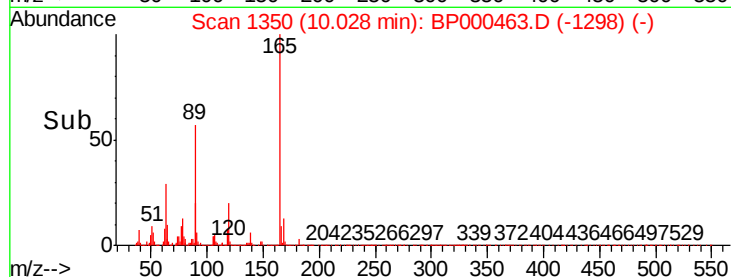
#57
2,4-Dinitrotoluene
Concen: 49.910 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :

Tot Ion:165	Resp:	262250
Ion	Ratio	Lower Upper
165	100	
63	29.0	21.7 32.5
89	57.0	45.0 67.6
182	3.1	2.4 3.6

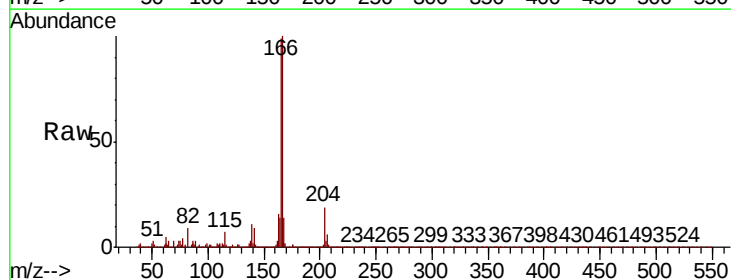


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

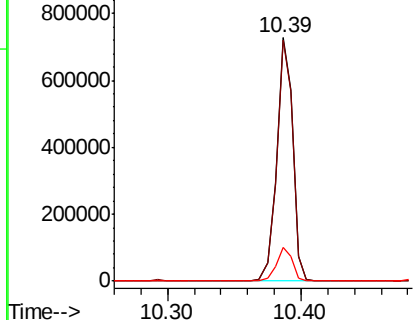
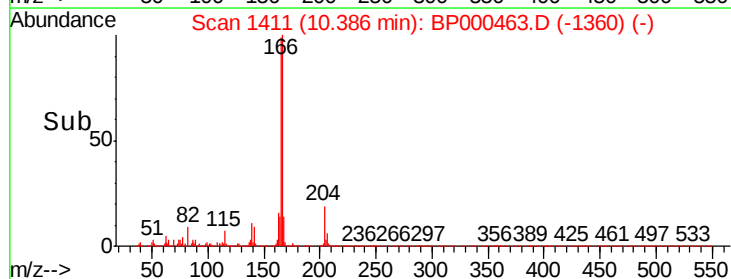


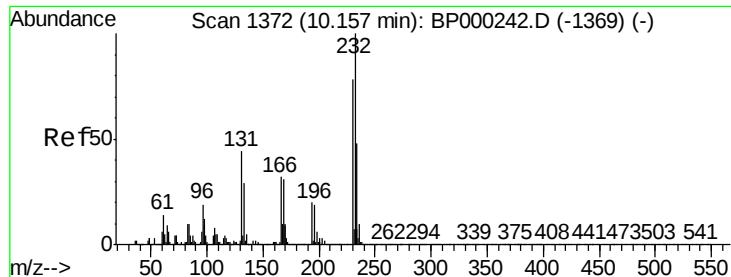
#58
Fluorene
Concen: 37.878 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:166	Resp:	610848
Ion	Ratio	Lower Upper
166	100	
165	98.9	78.2 117.2
167	13.7	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: 42.664 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 190818

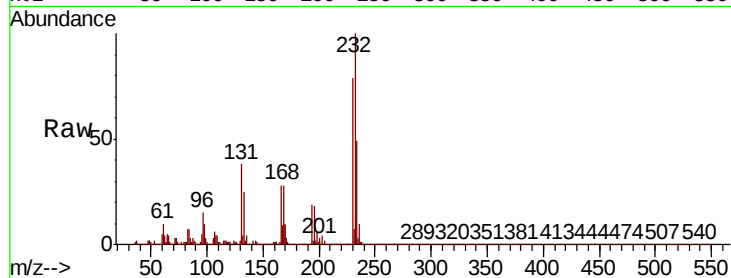
Ion Ratio Lower Upper

232 100

131 41.7 33.6 50.4

130 2.5 1.8 2.6

166 30.0 24.2 36.2

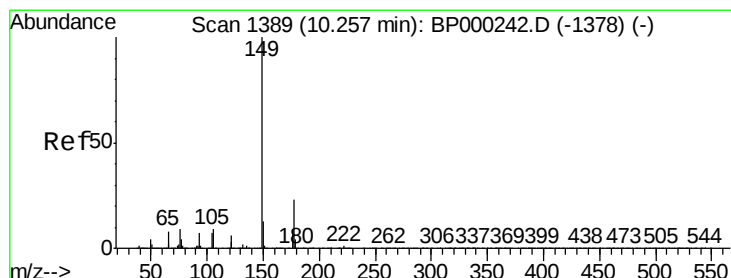
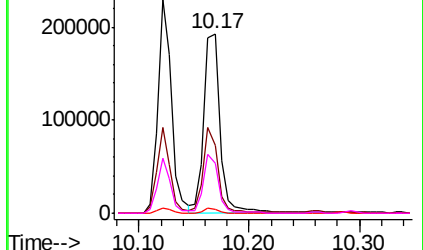
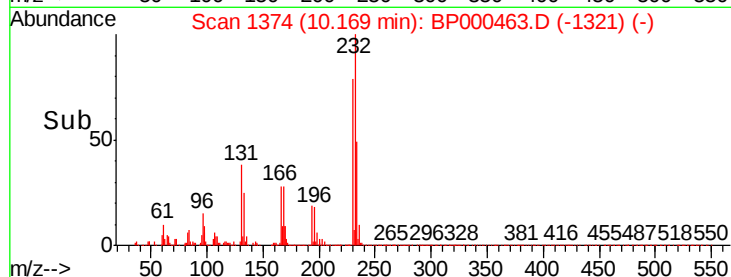


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.150 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

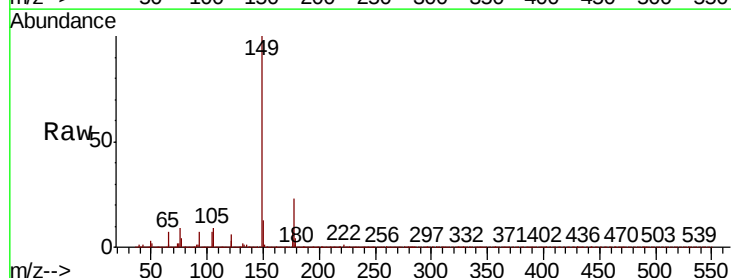
Tgt Ion:149 Resp: 635686

Ion Ratio Lower Upper

149 100

177 22.9 18.1 27.1

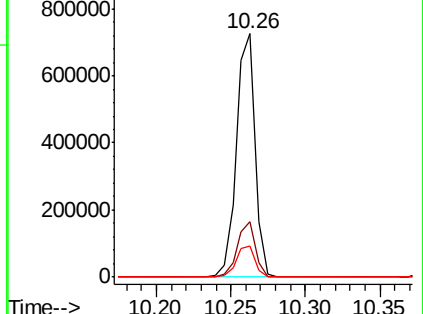
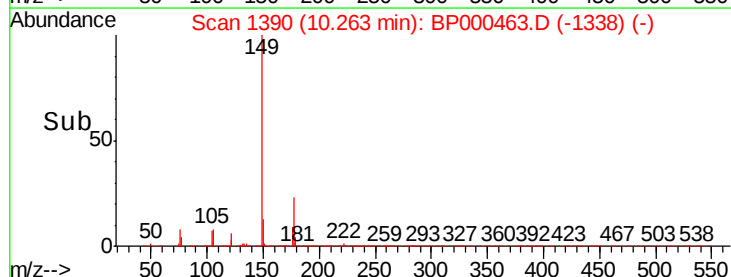
150 12.7 10.3 15.5

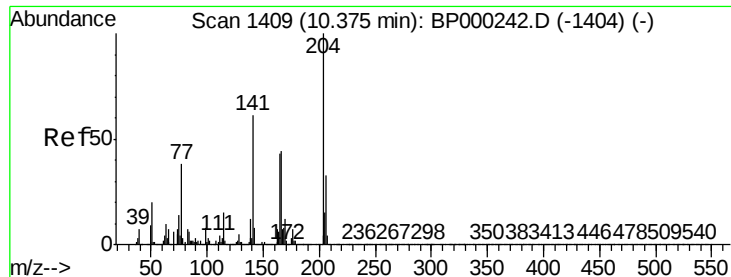


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

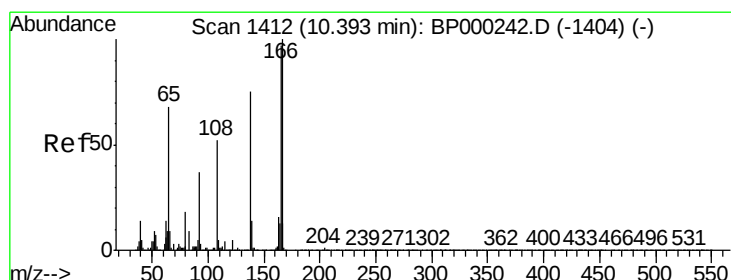
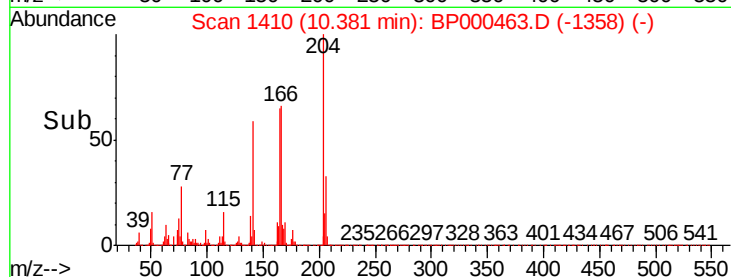
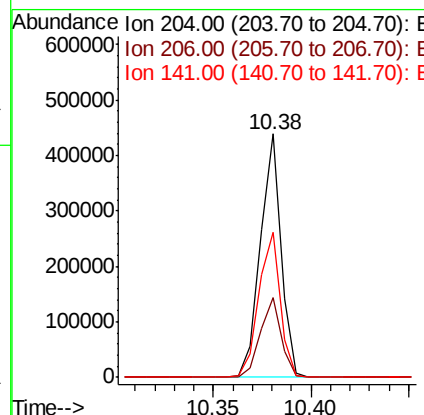
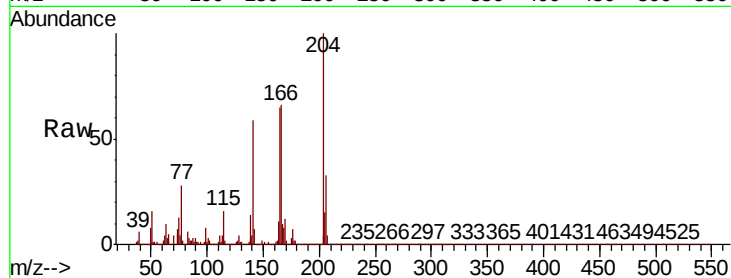




#61
4-Chlorophenyl-phenylether
Concen: 38.944 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

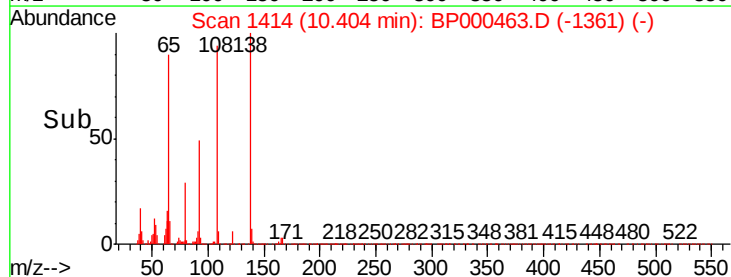
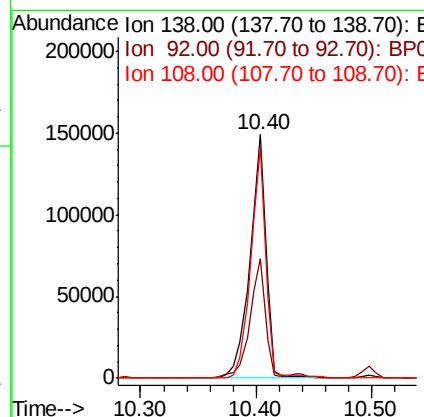
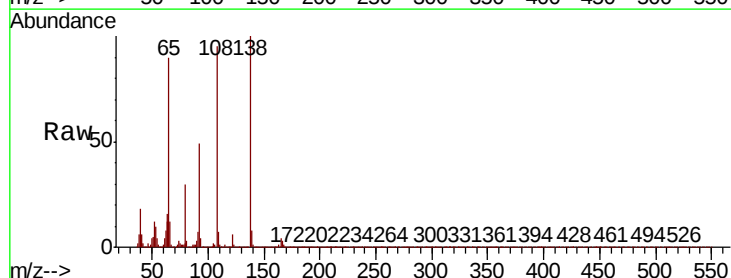
Instrument :
BNA_P
ClientSampled :

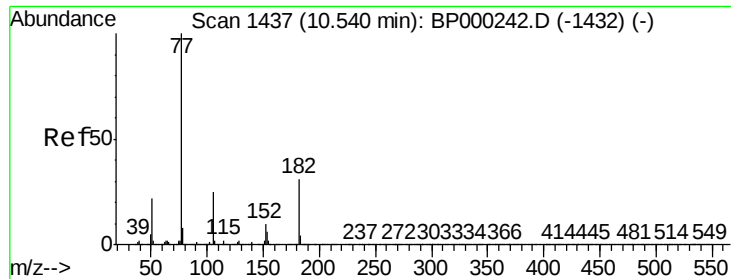
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	59.4	48.6	72.8



#62
4-Nitroaniline
Concen: 31.135 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.1	70.1
108	94.5	49.5	89.5

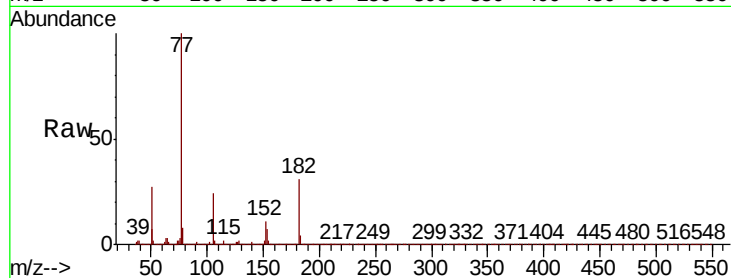




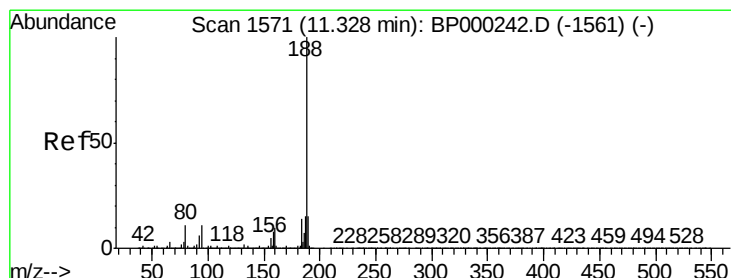
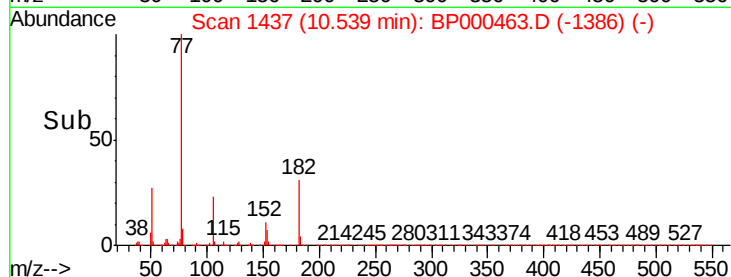
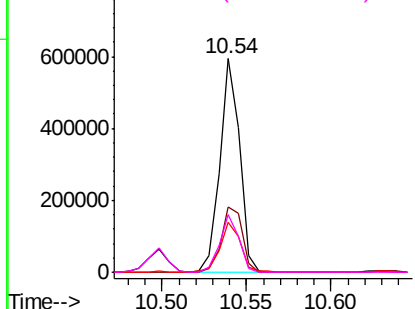
#63
Azobenzene
Concen: 32.322 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	481534
Ion	Ratio	Lower	Upper
77	100		
182	30.7	11.1	51.1
105	23.6	4.7	44.7
51	27.2	2.2	42.2

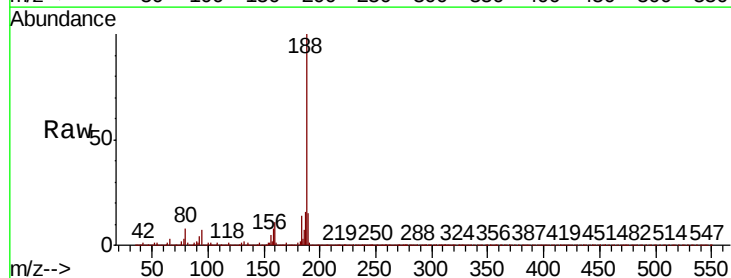


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

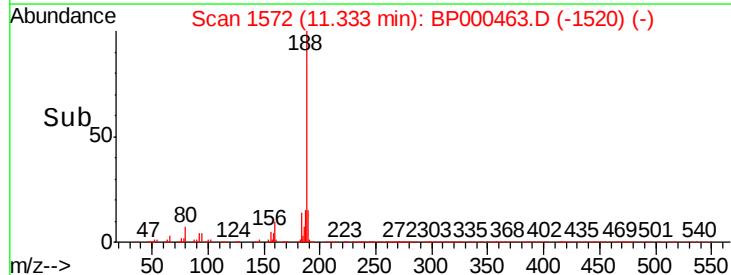
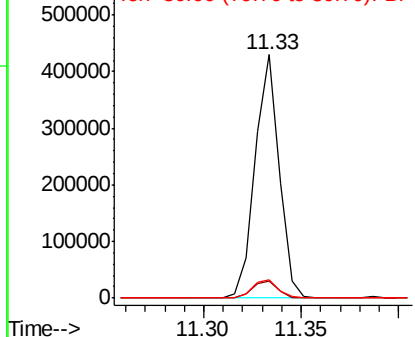


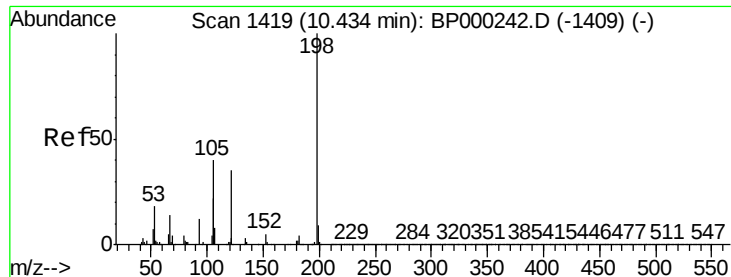
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	188	Resp:	366497
Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	7.8	8.6	13.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 51.375 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

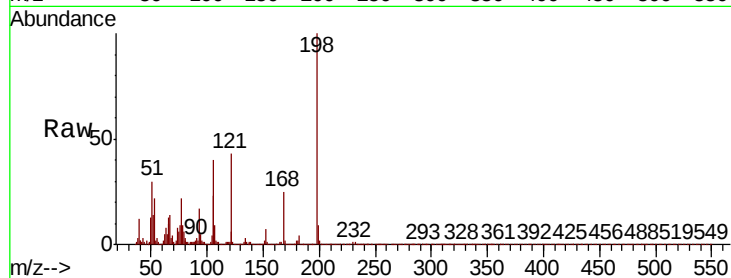
Tot Ion:198 Resp: 88534

Ion Ratio Lower Upper

198 100

51 29.9 7.4 47.4

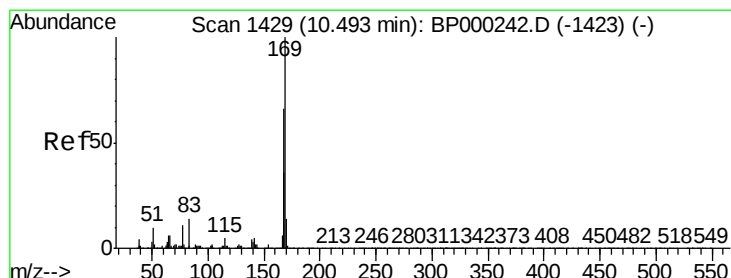
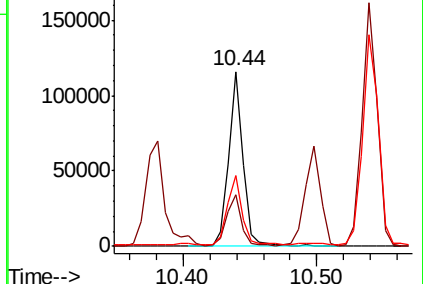
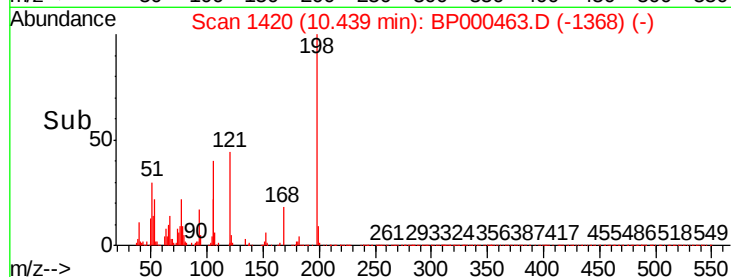
105 40.4 20.2 60.2



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: 48.351 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

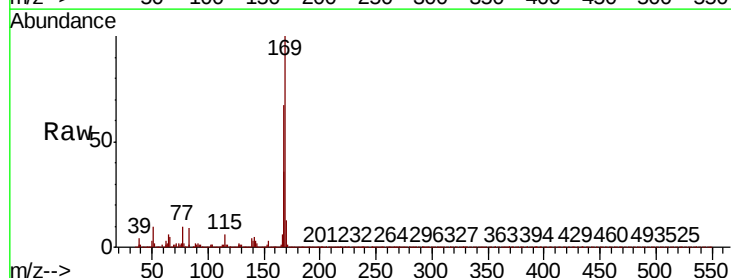
Tgt Ion:169 Resp: 533447

Ion Ratio Lower Upper

169 100

168 67.0 52.9 79.3

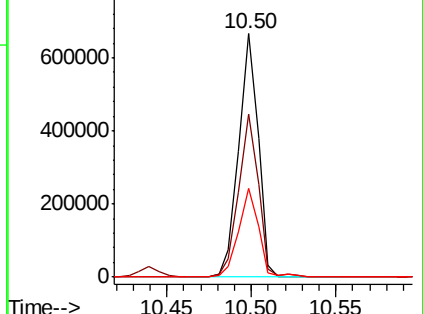
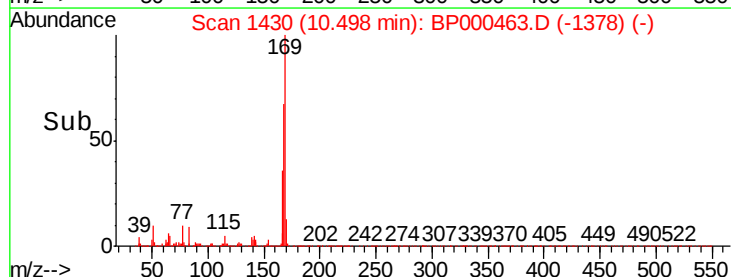
167 36.5 29.0 43.6

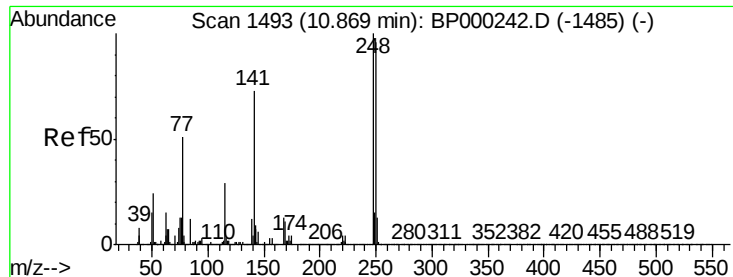


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

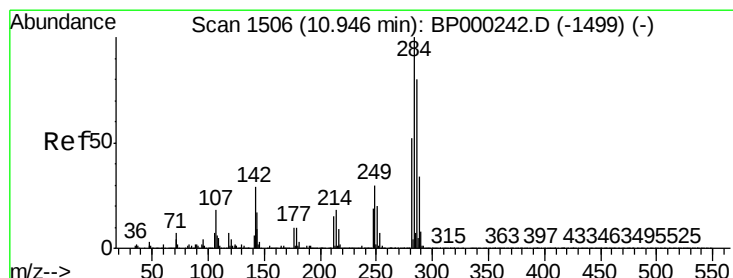
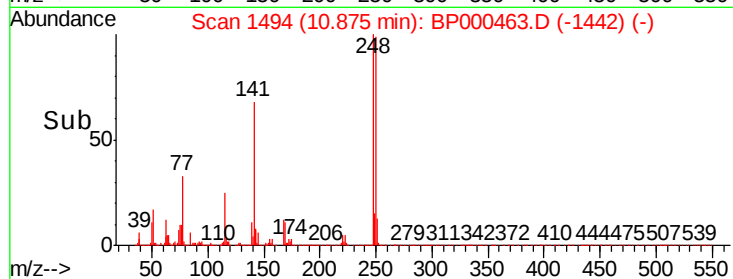
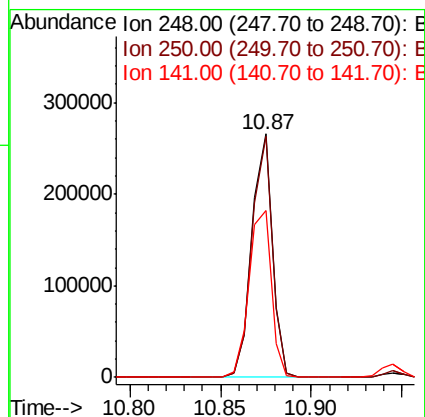
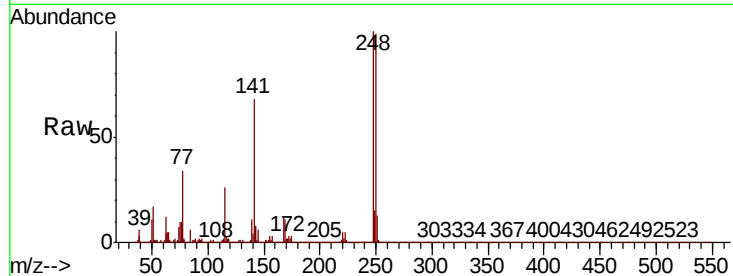




#67
4-Bromophenyl-phenylether
Concen: 50.683 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

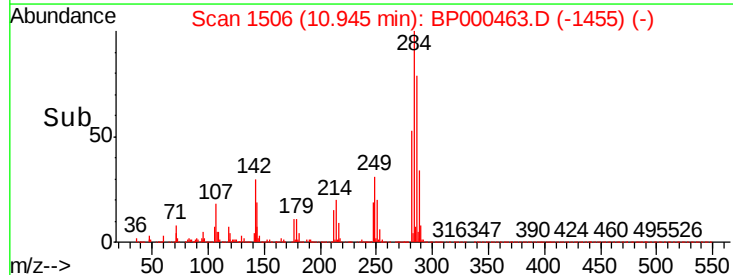
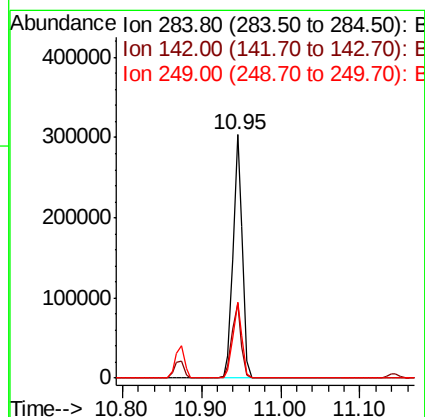
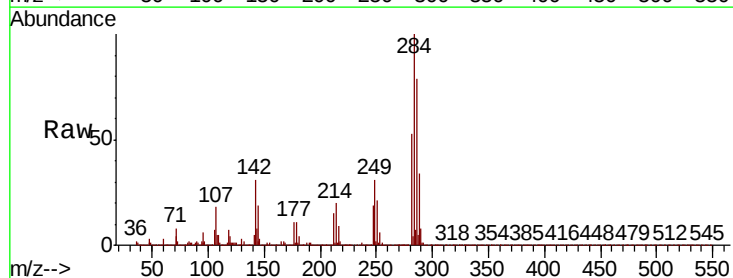
Instrument :
BNA_P
ClientSampleId :

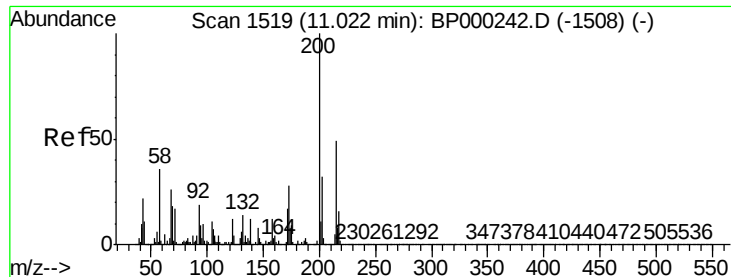
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.4
141	68.3	58.5	87.7



#68
Hexachlorobenzene
Concen: 53.967 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.6	35.4
249	31.3	24.3	36.5

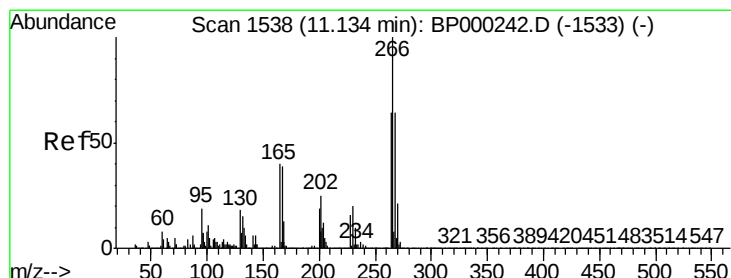
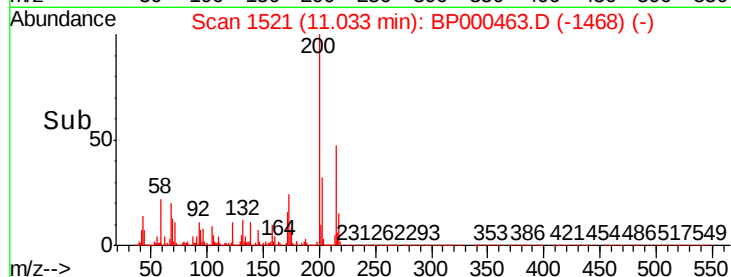
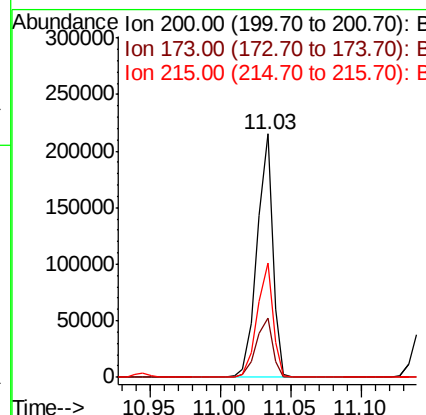
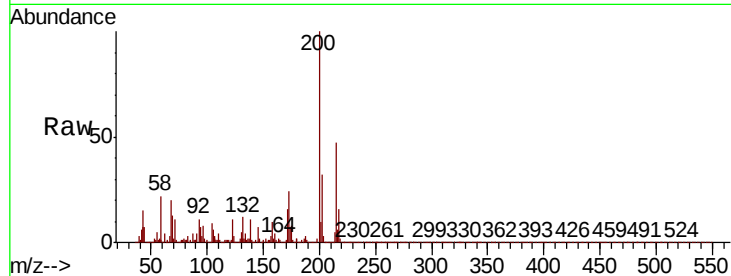




#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

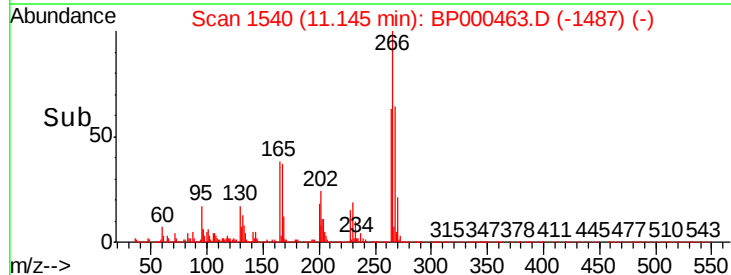
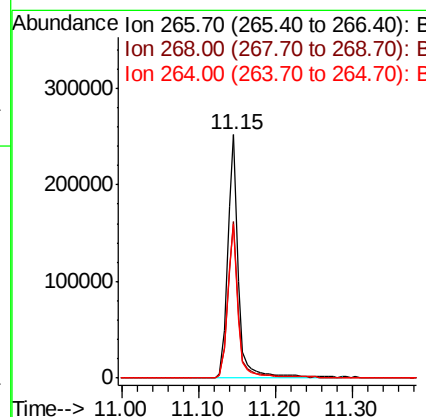
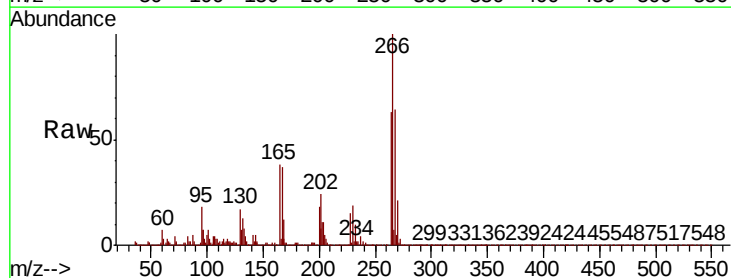
Instrument :
 BNA_P
 ClientSampleId :

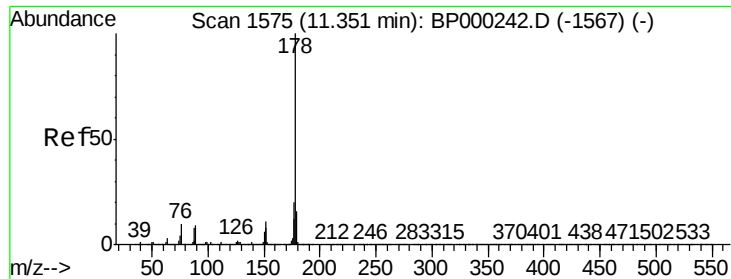
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	7.6	47.6
215	47.2	28.6	68.6



#70
 Pentachlorophenol
 Concen: 98.179 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	63.2	50.8	76.2

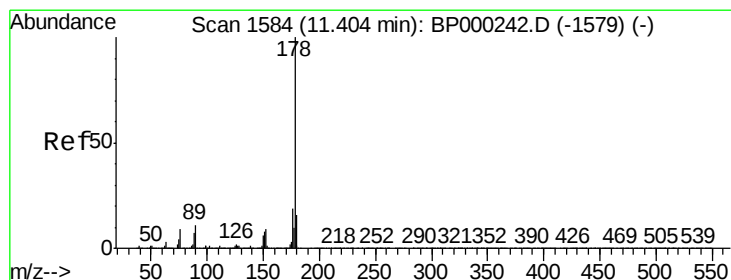
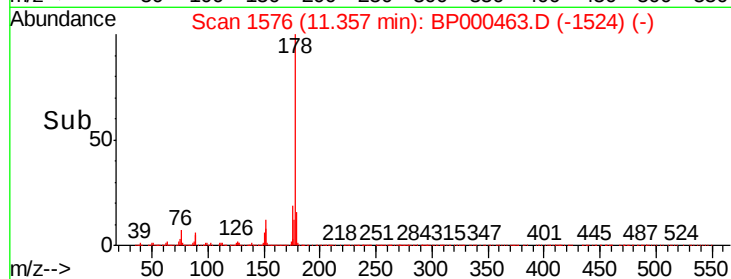
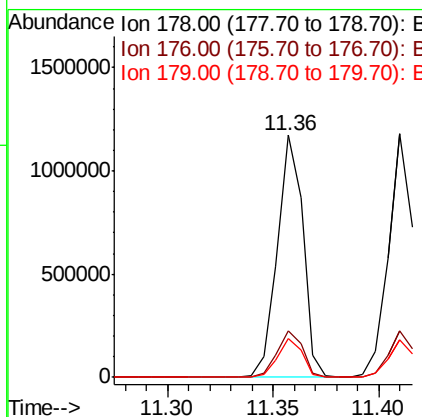
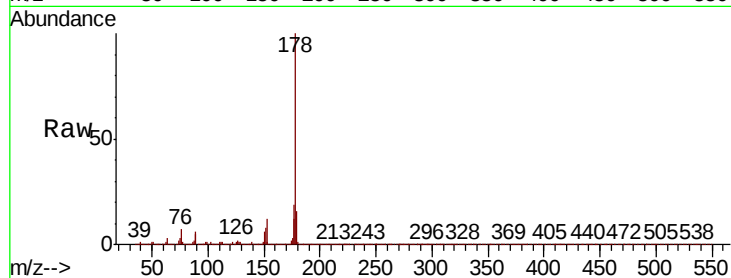




#71
Phenanthrene
Concen: 53.831 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

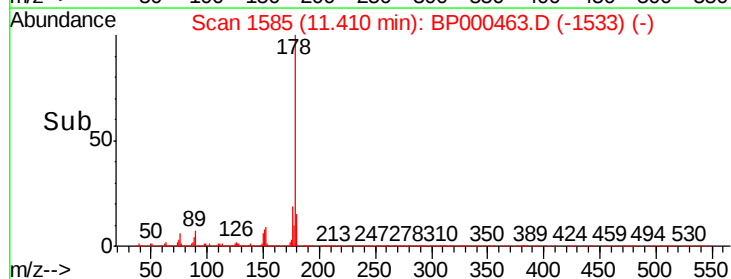
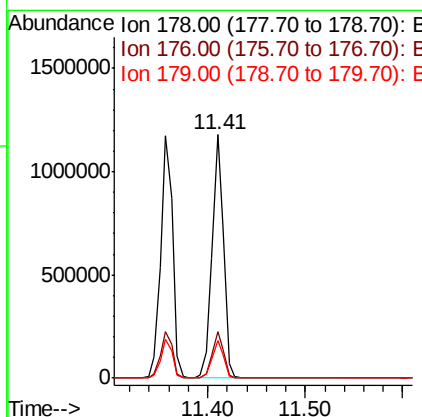
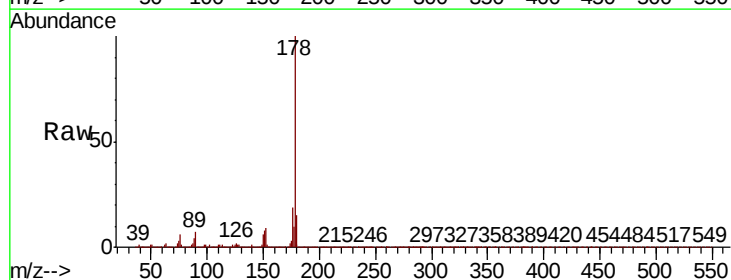
Instrument :
BNA_P
ClientSampleId :

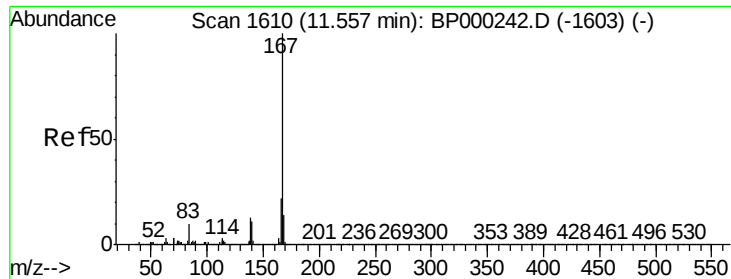
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	12.7	19.1



#72
Anthracene
Concen: 50.692 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

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

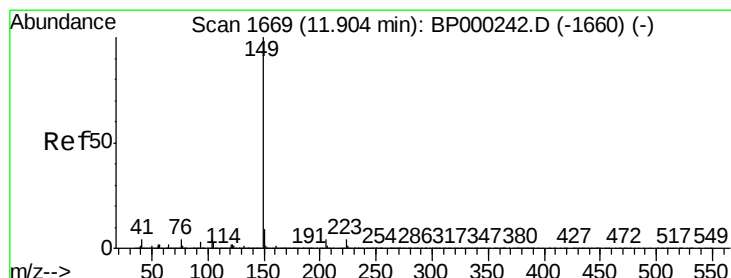
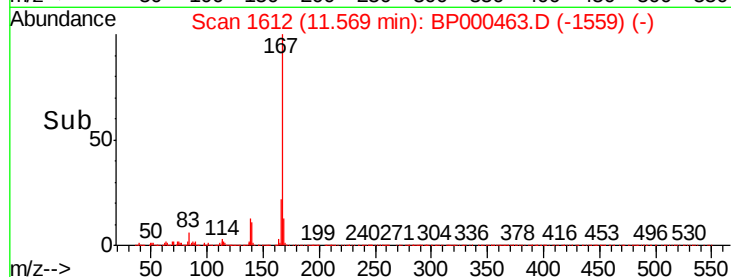
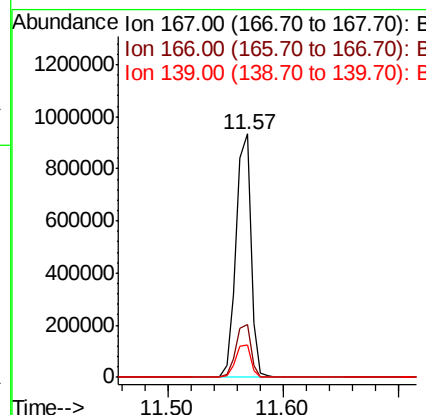
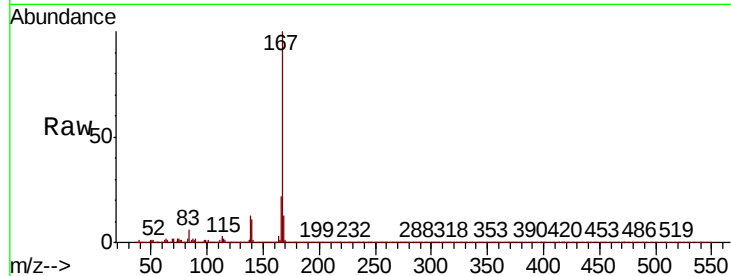




#73
 Carbazole
 Concen: 49.436 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

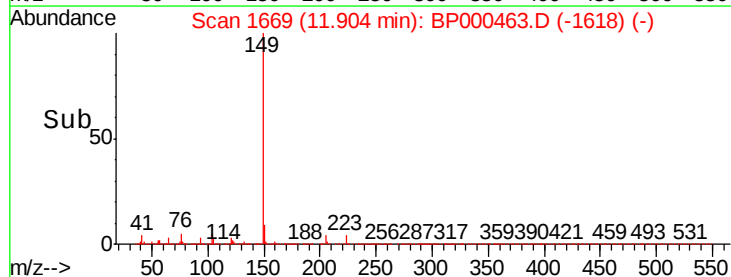
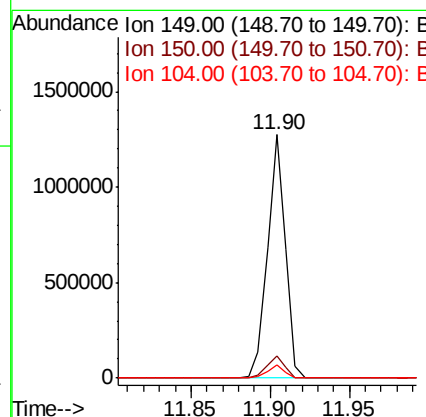
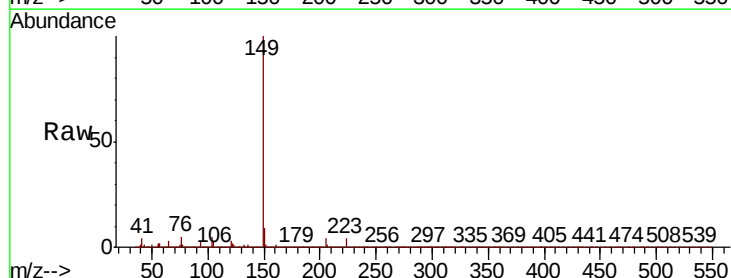
Instrument :
 BNA_P
 ClientSampleId :

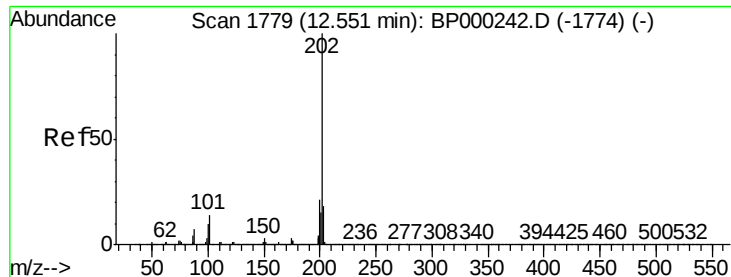
Tot Ion:167 Resp: 841639
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.653 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion:149 Resp: 1005350
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.2 3.5 5.3





#75

Fluoranthene

Concen: 61.339 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

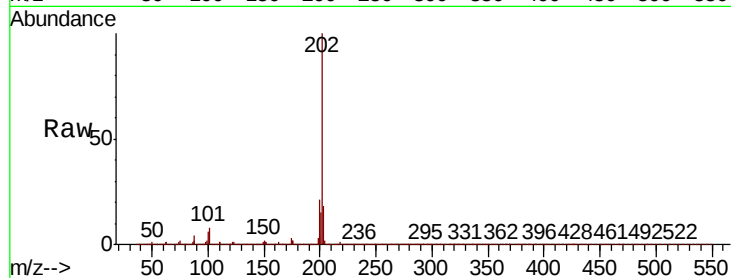
Tot Ion:202 Resp: 1209685

Ion Ratio Lower Upper

202 100

101 8.1 0.0 33.9

203 17.9 0.0 38.0

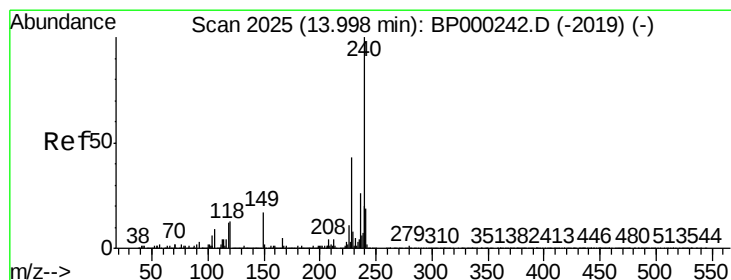
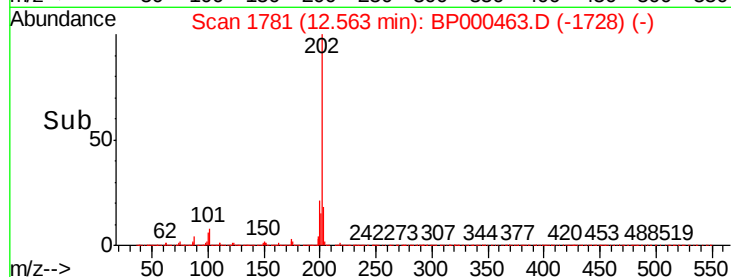
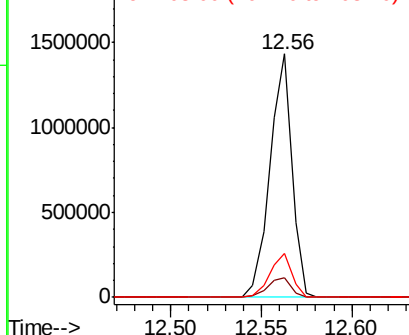


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

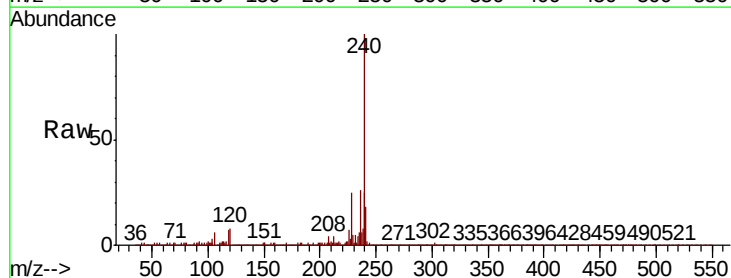
Tgt Ion:240 Resp: 322466

Ion Ratio Lower Upper

240 100

120 7.7 10.4 15.6#

236 25.9 21.0 31.6

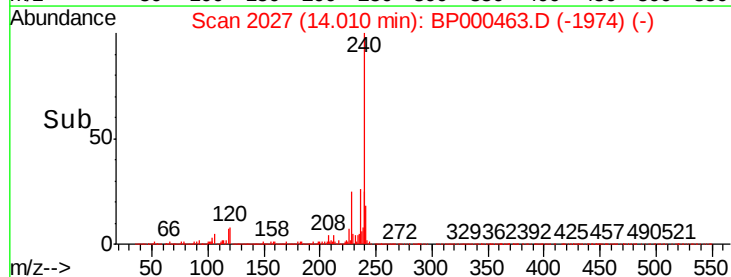
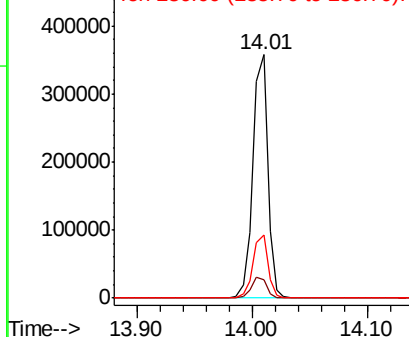


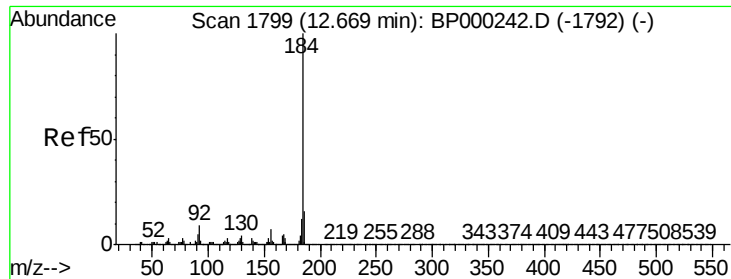
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

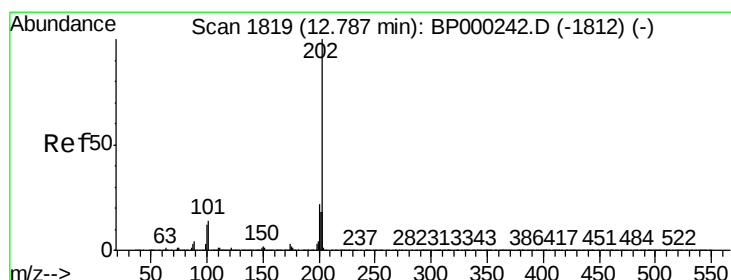
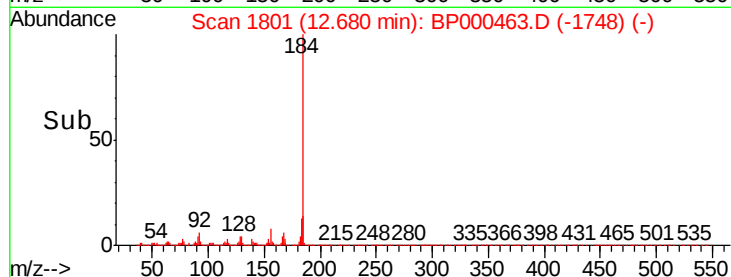
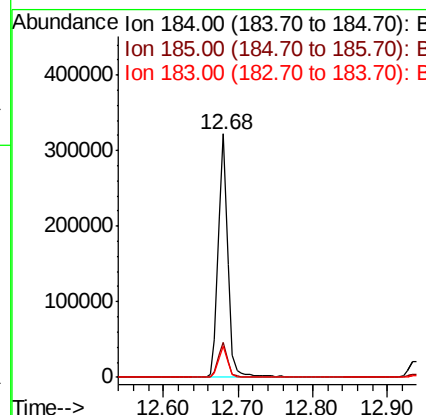
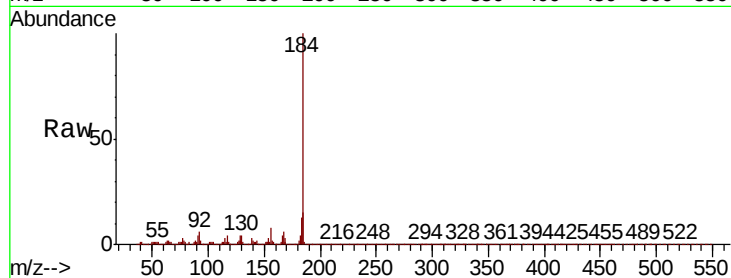




#77
Benzidine
Concen: 24.775 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

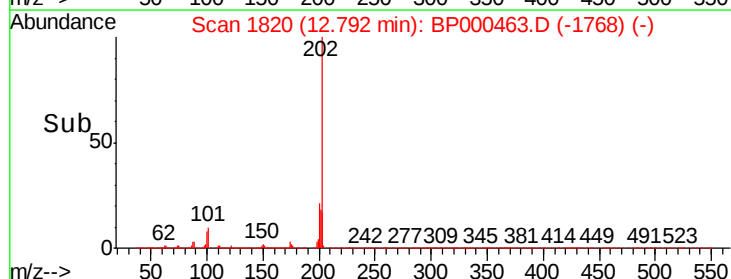
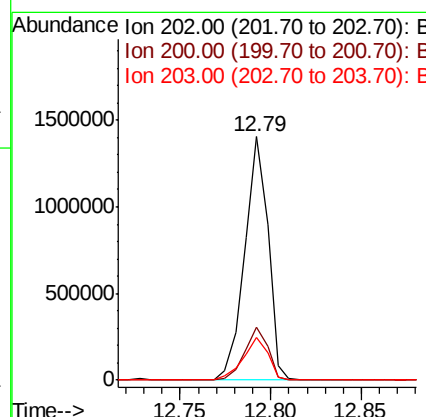
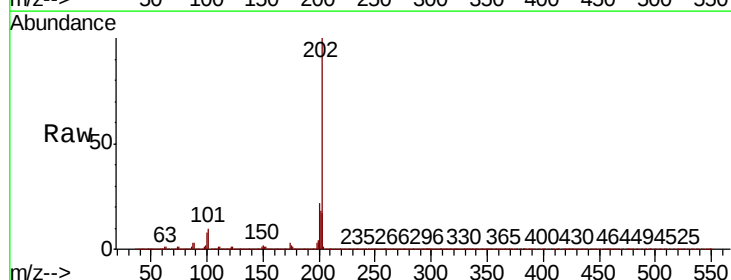
Instrument :
BNA_P
ClientSampleId :

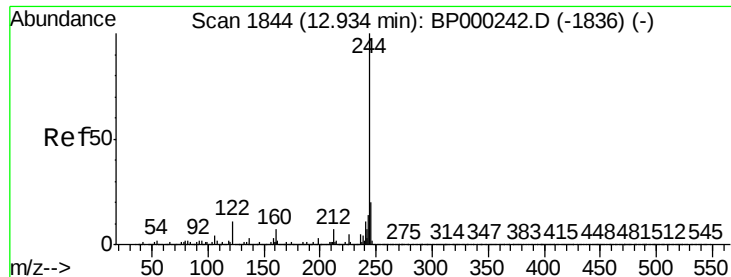
Tot Ion:184 Resp: 285321
Ion Ratio Lower Upper
184 100
185 14.5 12.7 19.1
183 12.6 9.5 14.3



#78
Pyrene
Concen: 52.160 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:202 Resp: 1258404
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 86.226 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

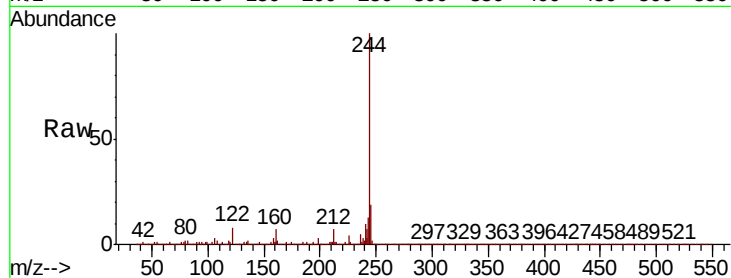
Tot Ion:244 Resp: 1325413

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	7.6	9.0	13.4

244 100

212 7.0 5.9 8.9

122 7.6 9.0 13.4

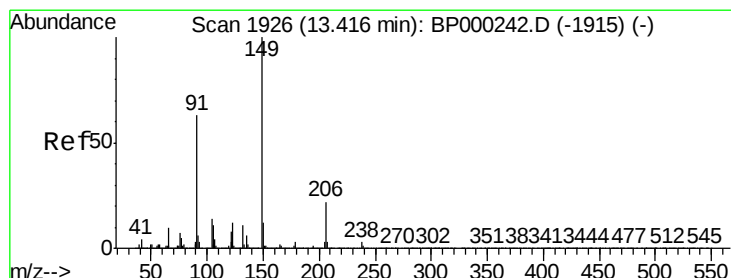
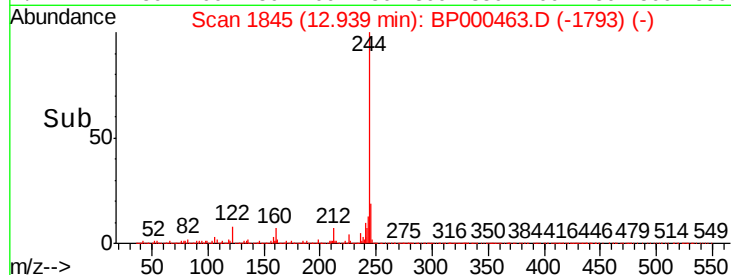
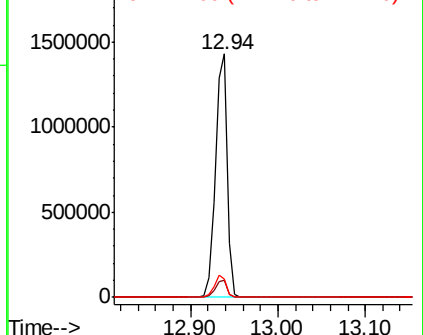


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.449 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

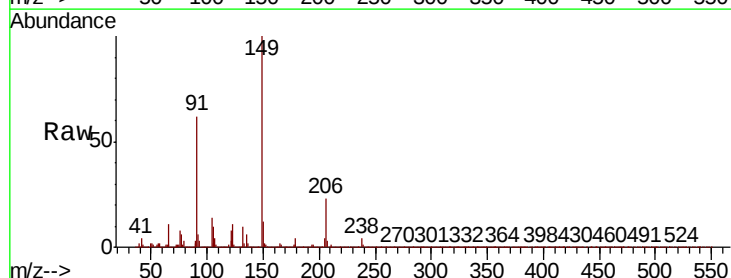
Tgt Ion:149 Resp: 437320

Ion	Ratio	Lower	Upper
149	100		
91	61.6	50.6	76.0
206	23.0	17.8	26.6

149 100

91 61.6 50.6 76.0

206 23.0 17.8 26.6

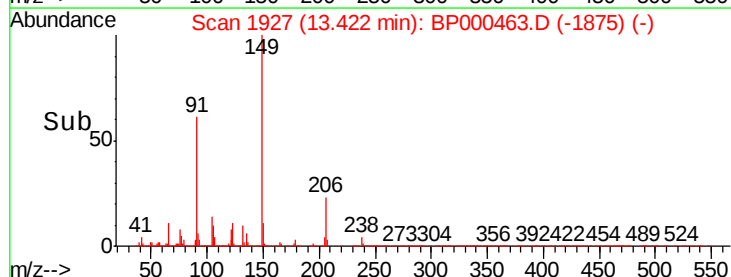
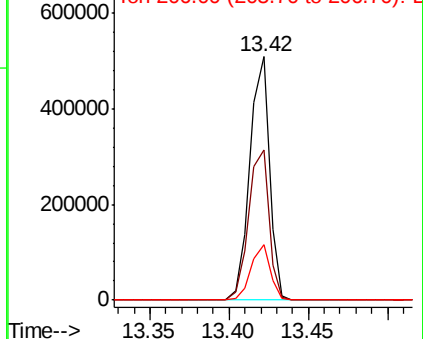


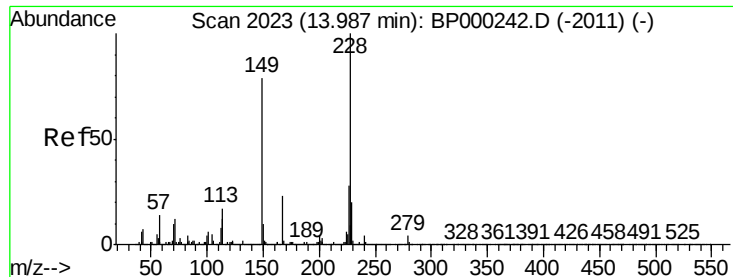
Abundance

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

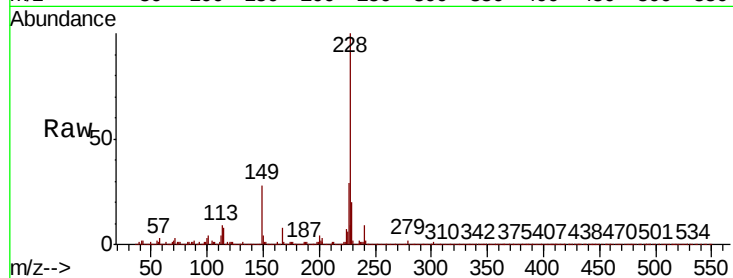




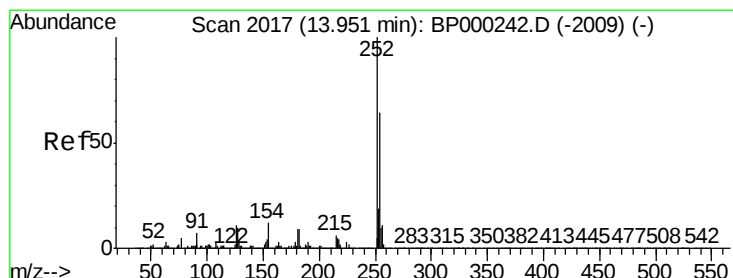
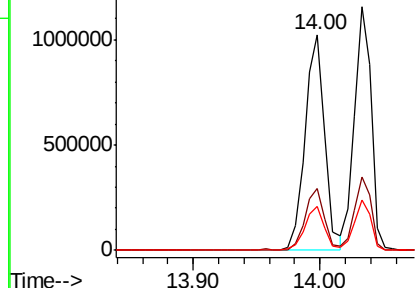
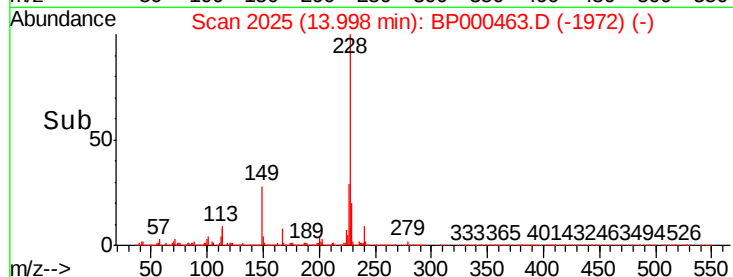
#81
Benzo(a)anthracene
Concen: 54.076 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1101497
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.4
229 20.1 16.0 24.0

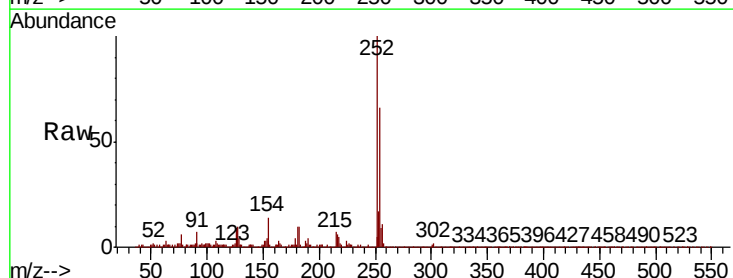


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

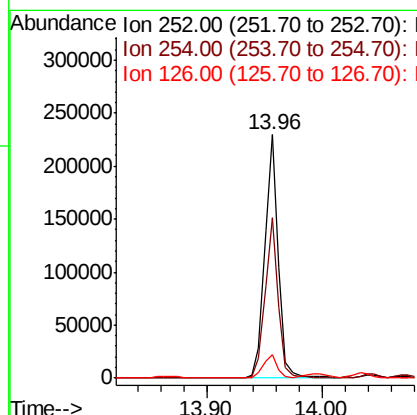
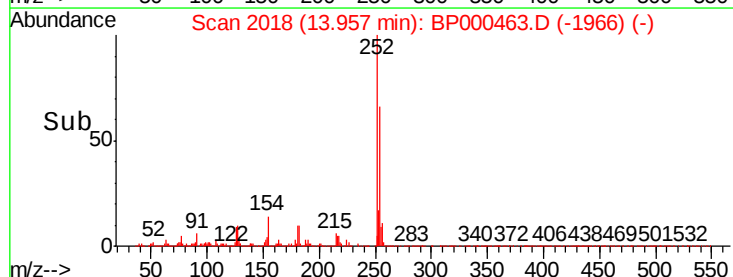


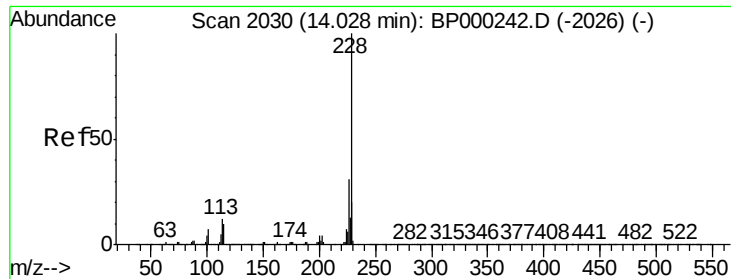
#82
3,3'-Dichlorobenzidine
Concen: 23.002 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:252 Resp: 188304
Ion Ratio Lower Upper
252 100
254 66.1 51.5 77.3
126 9.5 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: 52.824 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

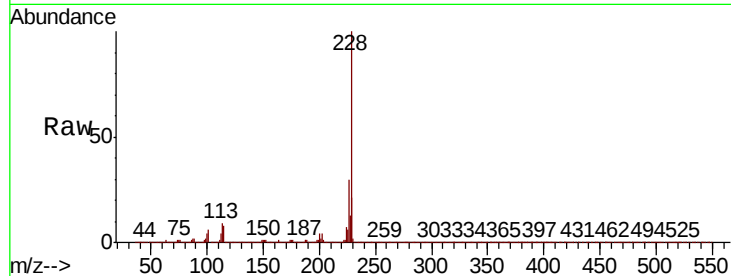
Tot Ion:228 Resp: 1056471

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.5	16.2	24.2

228 100

226 30.3 24.9 37.3

229 20.5 16.2 24.2

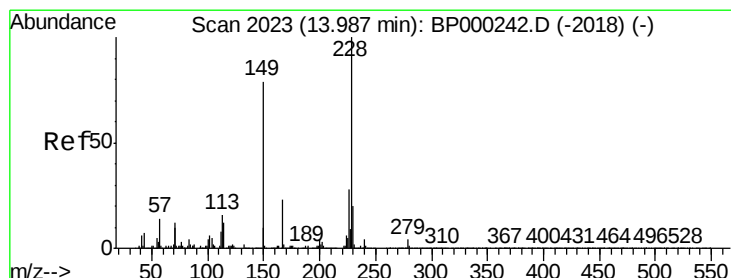
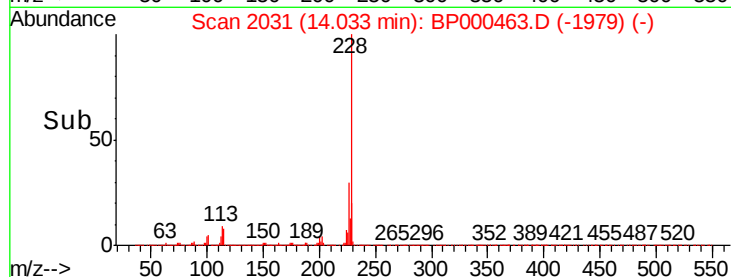
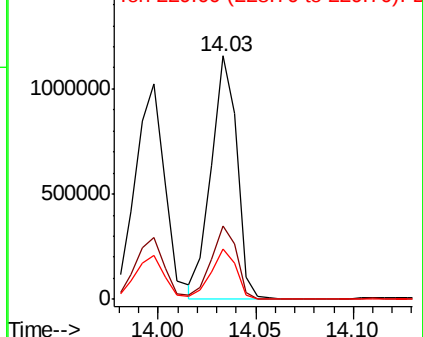


Abundance

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: 45.194 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

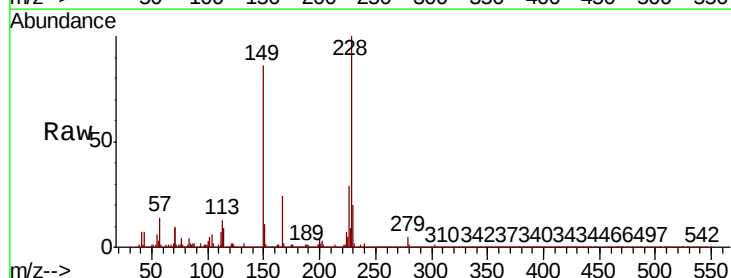
Tgt Ion:149 Resp: 601422

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	5.7	3.7	5.5#

149 100

167 28.3 23.0 34.4

279 5.7 3.7 5.5#

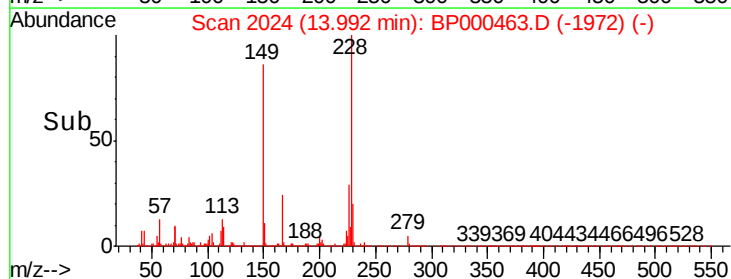
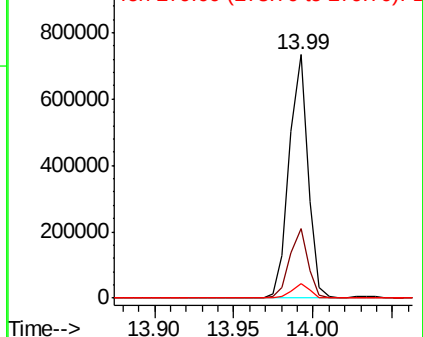


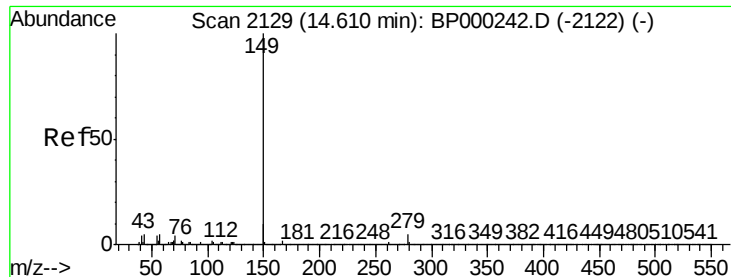
Abundance

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: 41.821 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

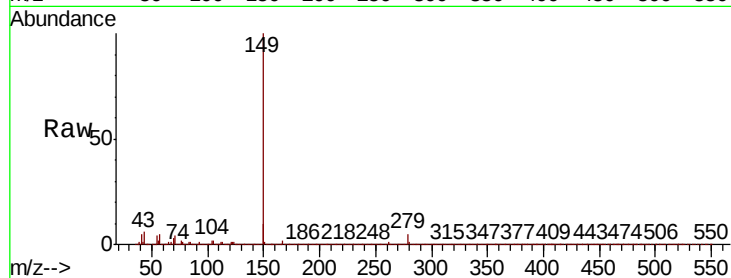
Tot Ion:149 Resp: 1031474

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

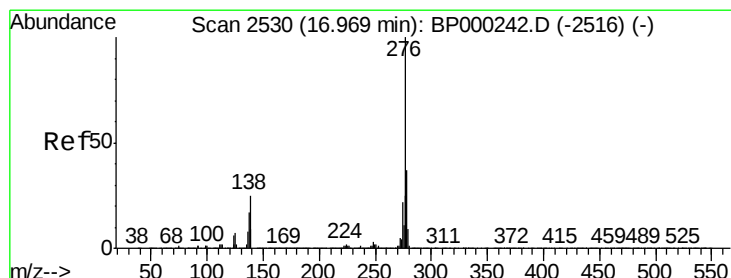
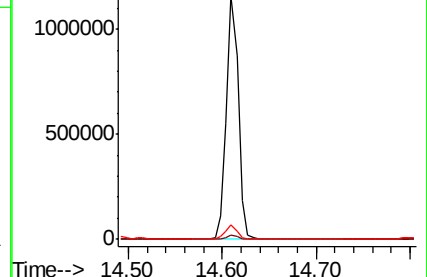
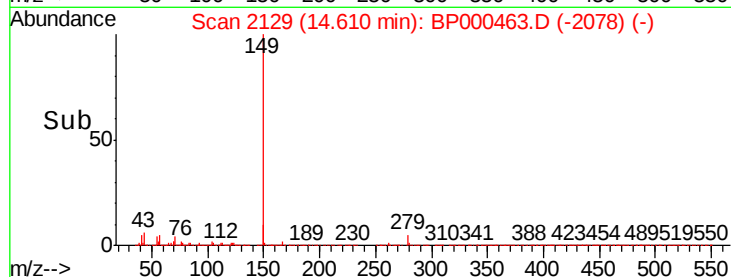
43 5.5 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.562 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.03 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

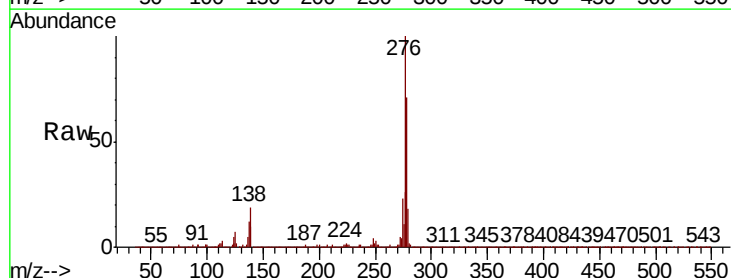
Tgt Ion:276 Resp: 1256989

Ion Ratio Lower Upper

276 100

138 18.2 22.6 33.8#

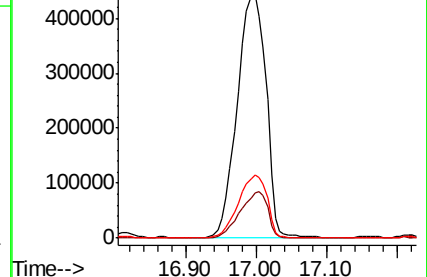
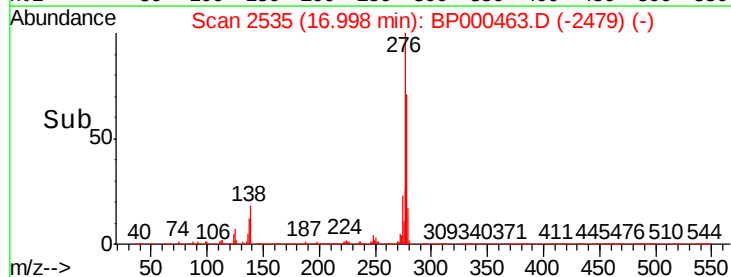
277 25.8 20.4 30.6

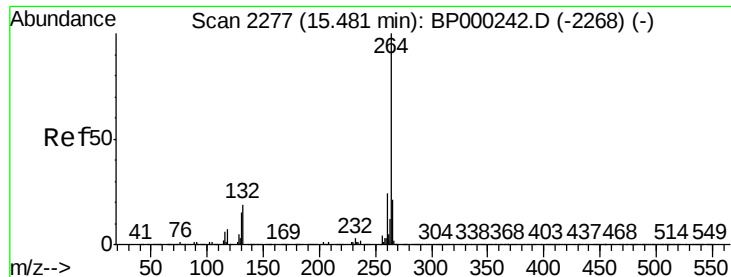


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

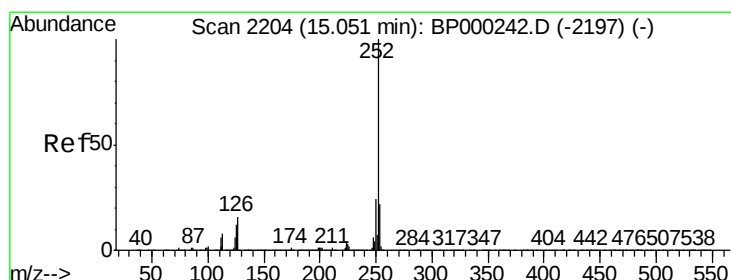
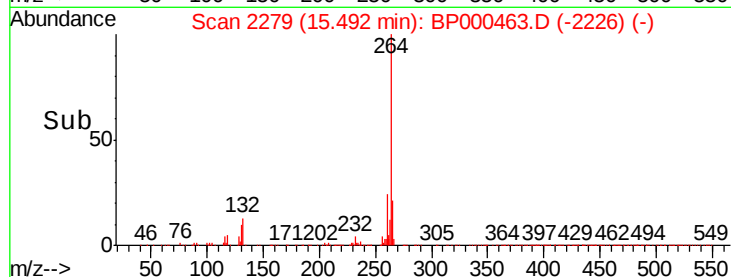
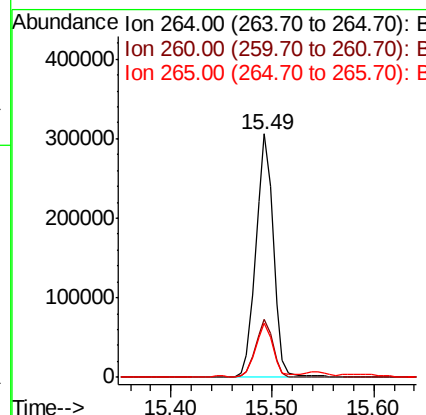
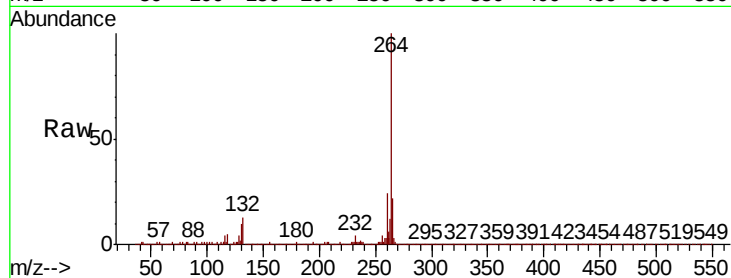




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

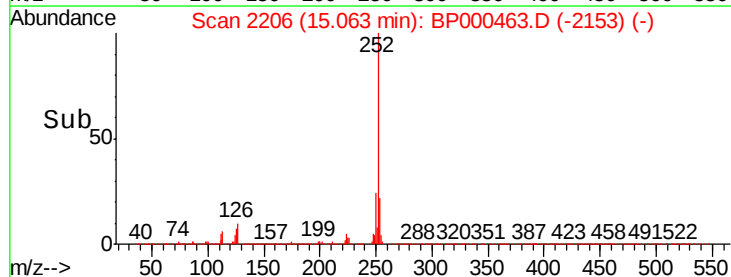
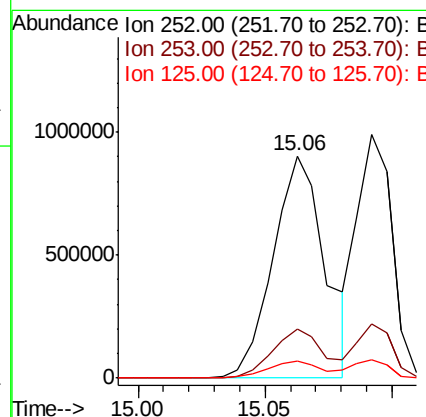
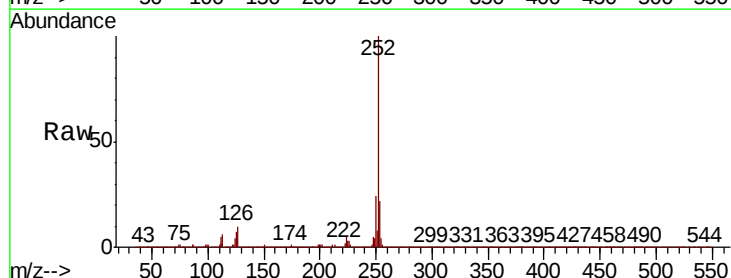
Instrument :
BNA_P
ClientSampleId :

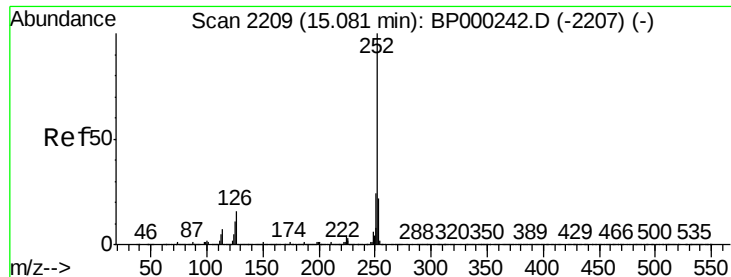
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 59.252 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.5	9.5	14.3

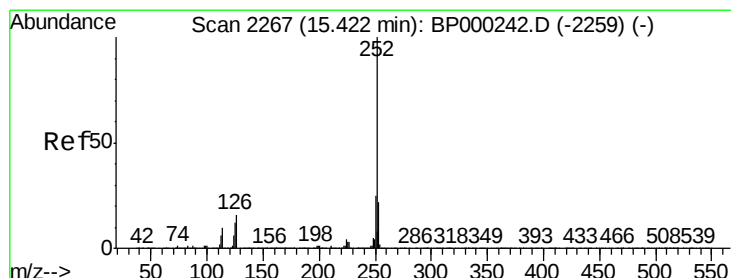
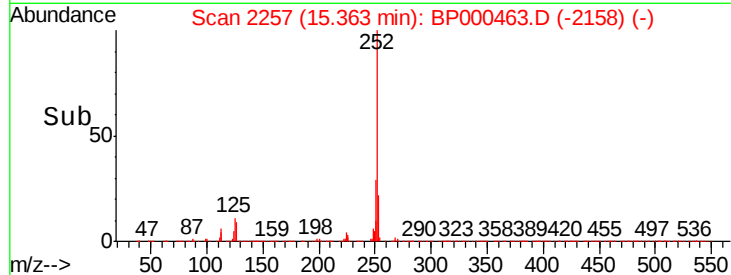
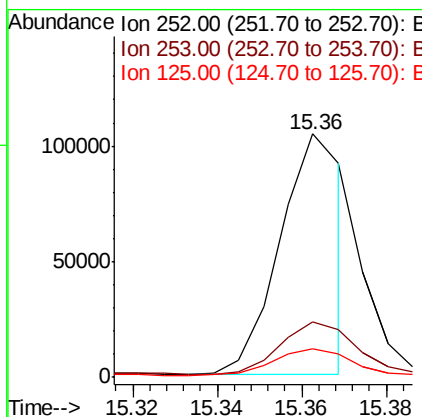
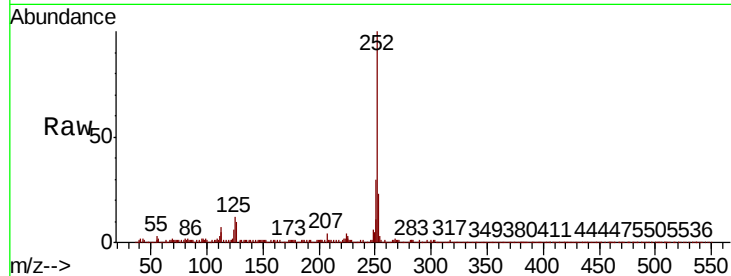




#89
Benzo(k)fluoranthene
Concen: 5.638 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.28 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

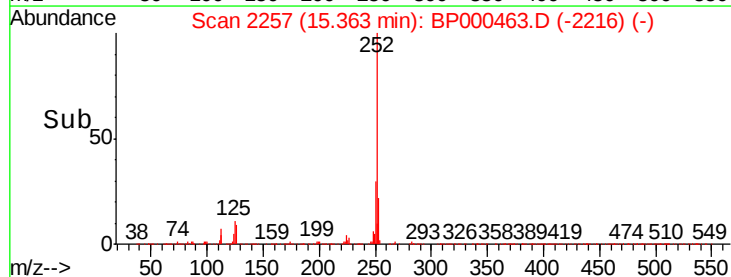
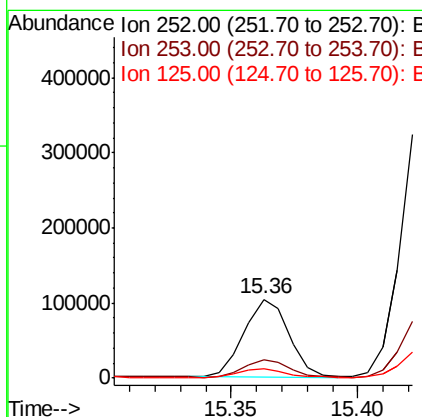
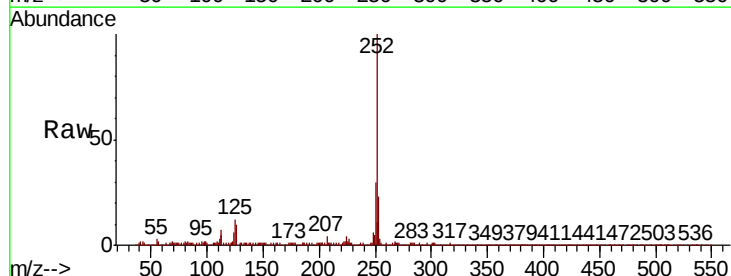
Instrument :
BNA_P
ClientSampled :

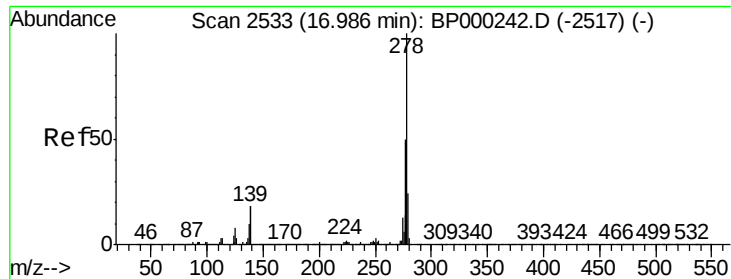
Tot Ion:252 Resp: 107310
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.8 9.6 14.4



#90
Benzo(a)pyrene
Concen: 6.495 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.06 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:252 Resp: 128960
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 11.8 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 53.698 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

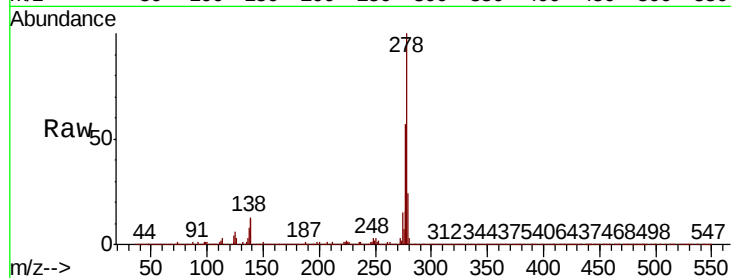
Tot Ion:278 Resp: 994057

Ion Ratio Lower Upper

278 100

139 12.3 14.5 21.7#

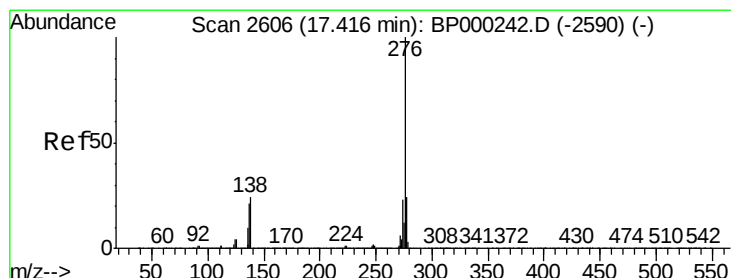
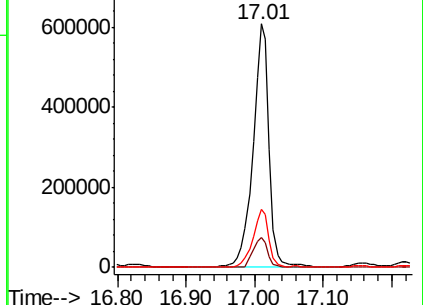
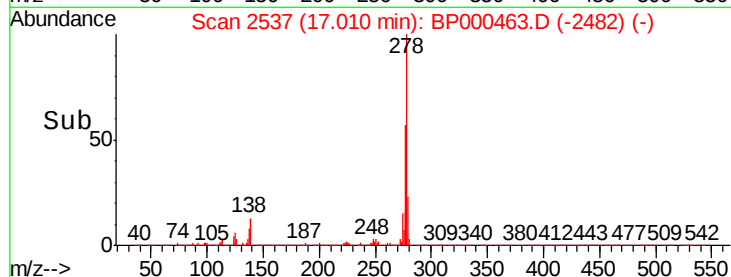
279 23.6 19.0 28.6



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: 55.758 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.03 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

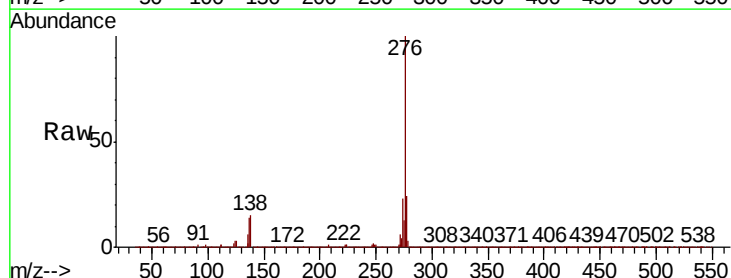
Tgt Ion:276 Resp: 1060969

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 15.3 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

