

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001065.D
 Acq On : 18 Nov 2019 17:33
 Operator : JU
 Sample : PB124900BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 19 04:31:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	174398	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	683895	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	393074	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	768612	20.00	ng	0.00
76) Chrysene-d12	19.30	240	678542	20.00	ng	0.00
87) Perylene-d12	21.07	264	633445	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1164746	121.56	ng	0.01
7) Phenol-d6	7.82	99	1432298	118.21	ng	0.00
23) Nitrobenzene-d5	9.25	82	765639	61.93	ng	-0.01
42) 2,4,6-Tribromophenol	14.56	330	624824	133.16	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	1698263	65.07	ng	-0.01
79) Terphenyl-d14	17.93	244	2207871	64.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.90	88	114739	27.542	ng	96
3) Pyridine	3.73	79	242233	21.993	ng	96
4) n-Nitrosodimethylamine	3.65	42	161146	41.979	ng	82
6) Aniline	7.85	93	465432	29.413	ng	# 40
8) 2-Chlorophenol	8.03	128	454597	44.742	ng	97
9) Benzaldehyde	7.66	77	224880	26.601	ng	97
10) Phenol	7.84	94	552374	41.681	ng	78
11) bis(2-Chloroethyl)ether	7.97	93	396374	38.420	ng	96
12) 1,3-Dichlorobenzene	8.27	146	489368	38.391	ng	99
13) 1,4-Dichlorobenzene	8.39	146	505927	39.403	ng	98
14) 1,2-Dichlorobenzene	8.63	146	485581	40.895	ng	98
15) Benzyl Alcohol	8.60	79	406782	44.058	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.82	45	346254	32.137	ng	94
17) 2-Methylphenol	8.78	107	372255	43.153	ng	95
18) Hexachloroethane	9.17	117	193600	41.050	ng	96
19) n-Nitroso-di-n-propylamine	9.03	70	297509	40.893	ng	97
20) 3+4-Methylphenols	9.03	107	480772	44.924	ng	94
22) Acetophenone	9.01	105	679776	38.488	ng	# 99
24) Nitrobenzene	9.27	77	482717	38.911	ng	96
25) Isophorone	9.67	82	838049	36.827	ng	98
26) 2-Nitrophenol	9.78	139	233062	50.274	ng	# 90
27) 2,4-Dimethylphenol	9.87	122	382707	44.085	ng	95
28) bis(2-Chloroethoxy)methane	10.03	93	495787	33.322	ng	99
29) 2,4-Dichlorophenol	10.17	162	418778	39.967	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	486799	37.818	ng	98
31) Naphthalene	10.43	128	1328926	38.893	ng	99
32) Benzoic acid	10.07	122	238604	45.906	ng	95
33) 4-Chloroaniline	10.52	127	317839	21.692	ng	98
34) Hexachlorobutadiene	10.65	225	338979	39.858	ng	98
35) Caprolactam	11.09	113	60803	18.385	ng	95
36) 4-Chloro-3-methylphenol	11.33	107	443551	40.766	ng	96
37) 2-Methylnaphthalene	11.56	142	939372	39.278	ng	96
38) 1-Methylnaphthalene	11.72	142	880487	38.963	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	521252	39.826	ng	98

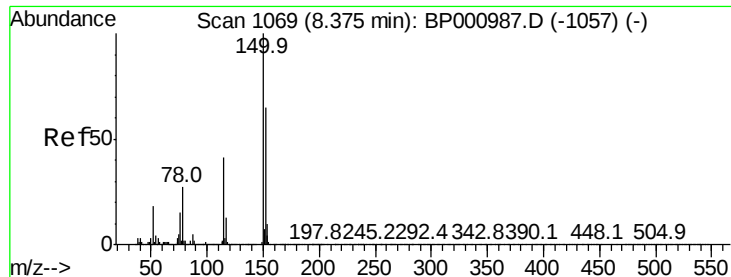
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	580426	88.523	nq	99
43) 2,4,6-Trichlorophenol	12.02	196	316222	40.071	nq	95
44) 2,4,5-Trichlorophenol	12.08	196	356518	42.255	nq	97
46) 1,1'-Biphenyl	12.33	154	1164126	39.608	nq	98
47) 2-Chloronaphthalene	12.35	162	909462	38.438	nq	98
48) 2-Nitroaniline	12.52	65	242170	39.103	nq	96
49) Acenaphthylene	13.03	152	1418610	39.439	nq	99
50) Dimethylphthalate	12.86	163	1097100	37.746	nq	100
51) 2,6-Dinitrotoluene	12.93	165	240112	39.604	nq	90
52) Acenaphthene	13.32	154	814356	37.853	nq	97
53) 3-Nitroaniline	13.19	138	150468	22.754	nq	98
54) 2,4-Dinitrophenol	13.37	184	200971	104.659	nq	# 76
55) Dibenzofuran	13.60	168	1302000	38.746	nq	96
56) 4-Nitrophenol	13.49	139	384784	83.674	nq	# 88
57) 2,4-Dinitrotoluene	13.59	165	324611	42.626	nq	93
58) Fluorene	14.16	166	1028264	38.450	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	312997	43.630	nq	# 92
60) Diethylphthalate	14.02	149	1093735	37.462	nq	98
61) 4-Chlorophenyl-phenylether	14.17	204	547420	38.714	nq	92
62) 4-Nitroaniline	12.52	138	278151	39.230	nq	96
63) Azobenzene	14.44	77	917094	35.891	nq	96
65) 4,6-Dinitro-2-methylphenol	14.25	198	140607	56.090	nq	97
66) n-Nitrosodiphenylamine	14.37	169	888871	40.222	nq	99
67) 4-Bromophenyl-phenylether	14.97	248	361370	39.939	nq	98
68) Hexachlorobenzene	15.06	284	422788	40.321	nq	100
69) Atrazine	15.26	200	333162	41.404	nq	99
70) Pentachlorophenol	15.37	266	484962	103.903	nq	99
71) Phenanthrene	15.69	178	1553027	39.479	nq	100
72) Anthracene	15.77	178	1582682	41.242	nq	100
73) Carbazole	16.02	167	1384824	39.360	nq	99
74) Di-n-butylphthalate	16.56	149	1684381	39.668	nq	99
75) Fluoranthene	17.40	202	1800040	40.483	nq	98
77) Benzidine	17.58	184	441223	17.657	nq	99
78) Pyrene	17.70	202	1816545	37.882	nq	100
80) Butylbenzylphthalate	18.59	149	729572	38.424	nq	95
81) Benzo(a)anthracene	19.28	228	1723435	37.712	nq	100
82) 3,3'-Dichlorobenzidine	19.25	252	601085	36.075	nq	97
83) Chrysene	19.33	228	1570147	39.135	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	959563	39.747	nq	99
85) Di-n-octyl phthalate	20.12	149	1678580	38.622	nq	99
86) Indeno(1,2,3-cd)pyrene	22.75	276	1998331	36.402	nq	# 95
88) Benzo(b)fluoranthene	20.59	252	1809467	47.922	nq	# 97
89) Benzo(k)fluoranthene	20.62	252	1617278	45.501	nq	# 98
90) Benzo(a)pyrene	21.00	252	1554734	44.779	nq	98
91) Dibenzo(a,h)anthracene	22.78	278	1673092	47.214	nq	# 96
92) Benzo(g,h,i)perylene	23.25	276	1667999	46.746	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

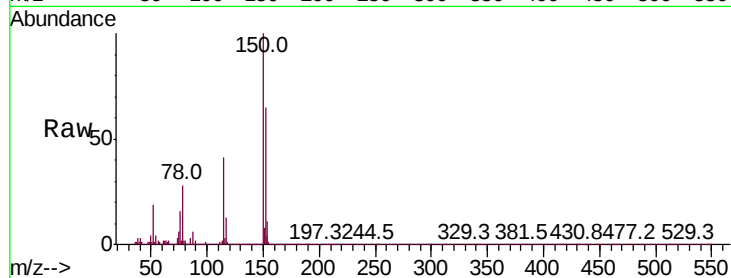
Tot Ion:152 Resp: 174398

Ion Ratio Lower Upper

152 100

150 154.4 123.6 185.4

115 63.6 50.1 75.1



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

300000

250000

200000

150000

100000

50000

0

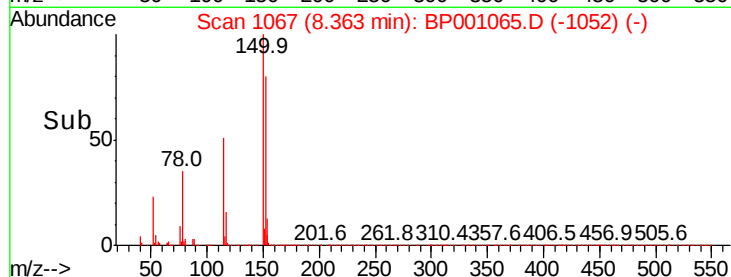
8.30

8.35

8.40

8.45

Time-->



#2

1,4-Dioxane

Concen: 27.542 ng

RT: 2.90 min Scan# 139

Delta R.T. 0.08 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

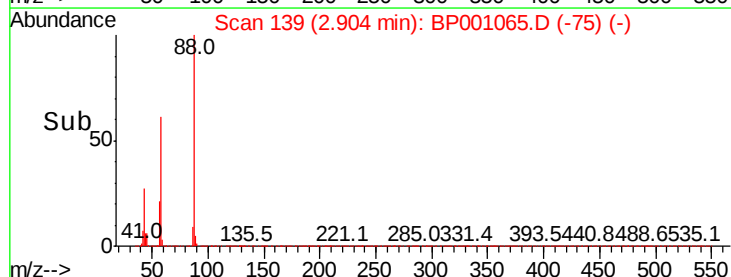
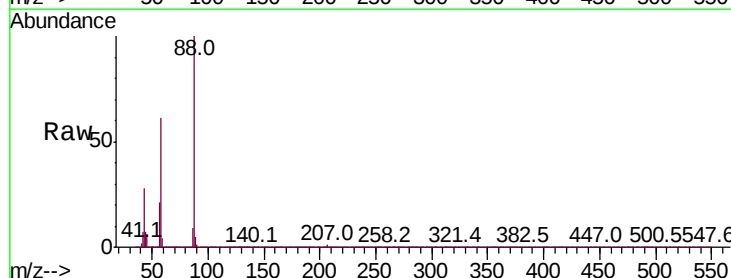
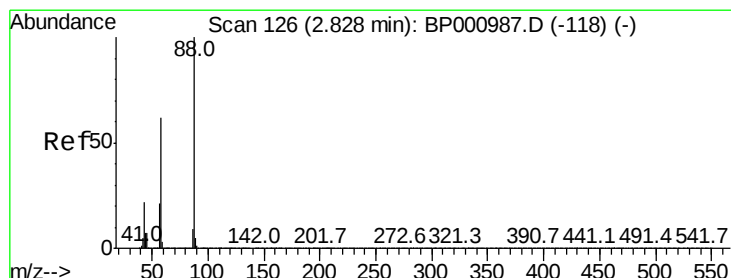
Tgt Ion: 88 Resp: 114739

Ion Ratio Lower Upper

88 100

58 60.4 49.8 74.8

43 25.5 17.6 26.4



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

80000

60000

40000

20000

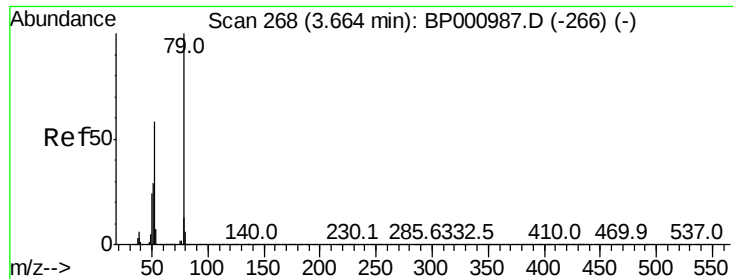
0

2.80

2.90

3.00

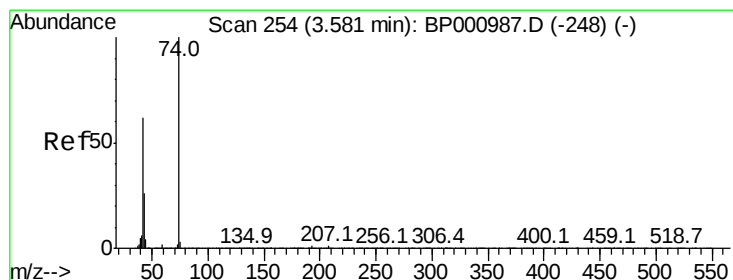
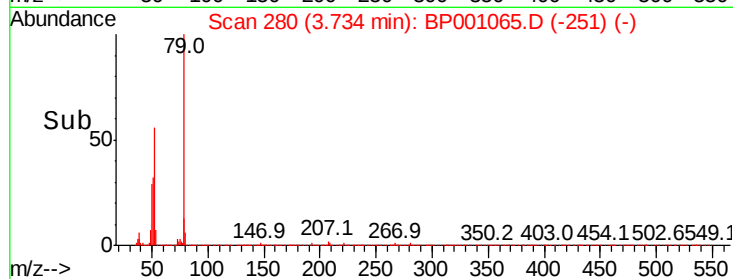
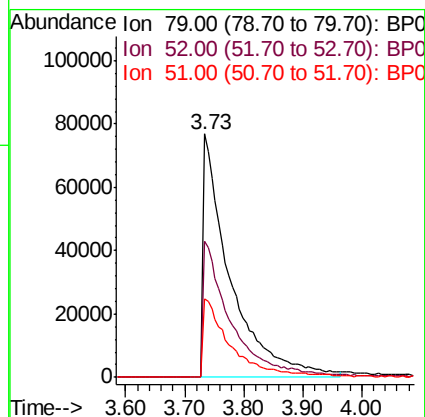
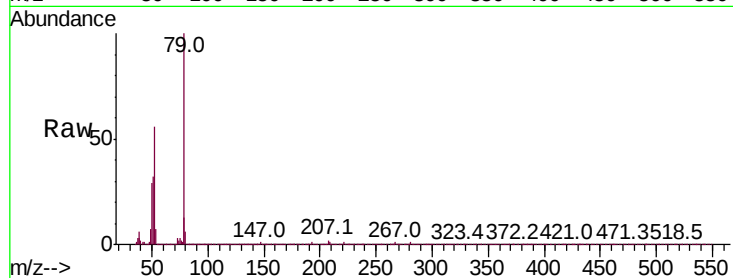
Time-->



#3
 Pvridine
 Concen: 21.993 ng
 RT: 3.73 min Scan# 280
 Delta R.T. 0.07 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

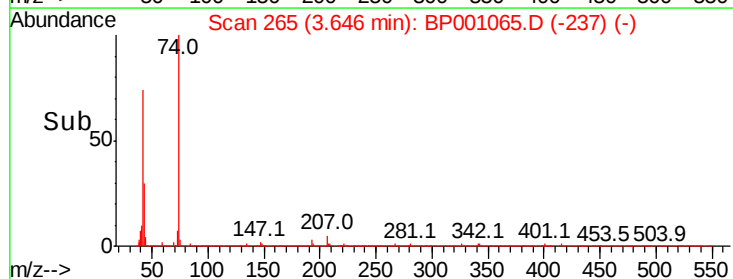
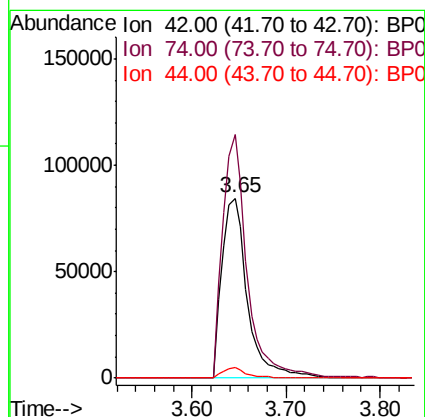
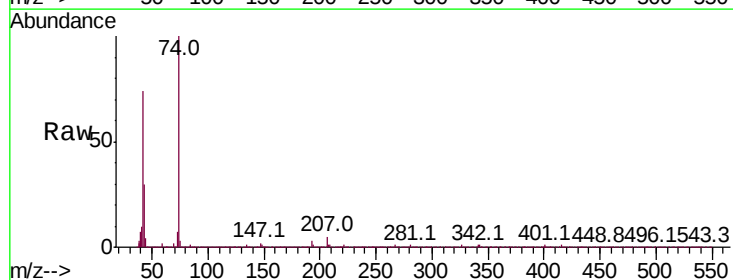
Instrument :
 BNA_P
 ClientSampleId :

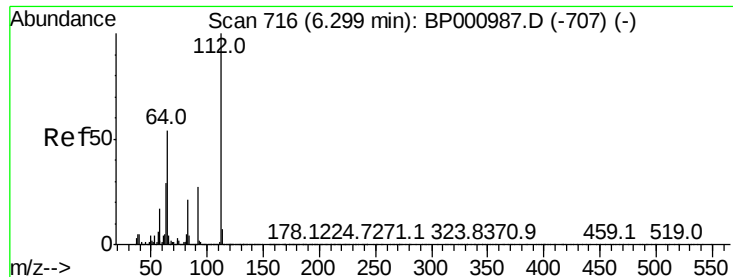
Tot Ion: 79 Resp: 242233
 Ion Ratio Lower Upper
 79 100
 52 55.9 46.4 69.6
 51 32.2 23.4 35.0



#4
 n-Nitrosodimethylamine
 Concen: 41.979 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.06 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion: 42 Resp: 161146
 Ion Ratio Lower Upper
 42 100
 74 135.3 128.4 192.6
 44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 121.563 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

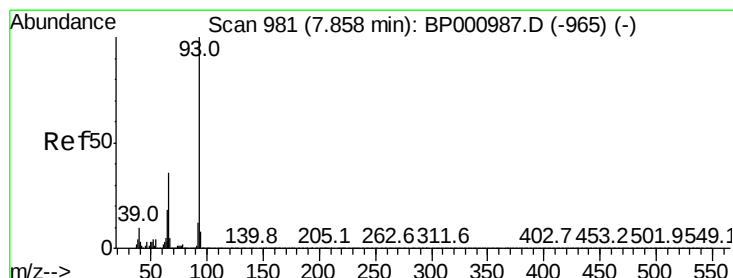
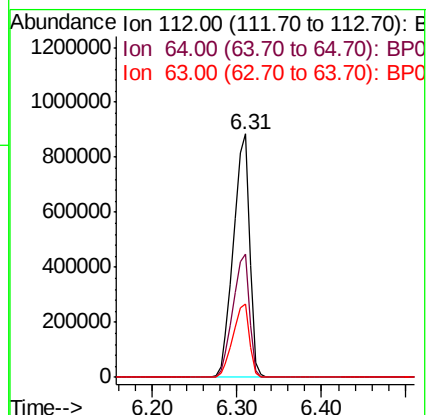
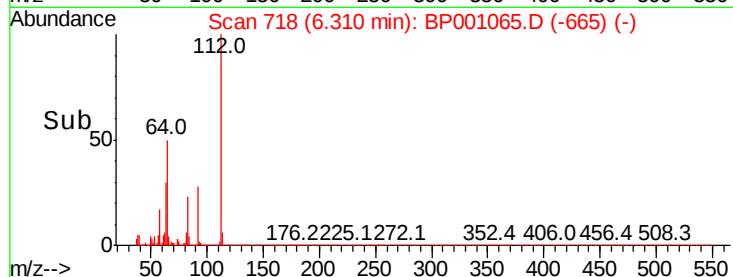
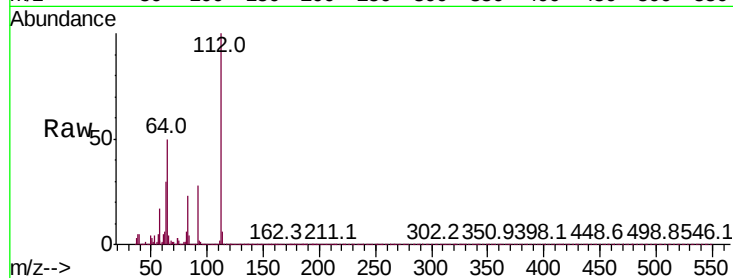
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1164746

Ion	Ratio	Lower	Upper
112	100		
64	50.4	43.4	65.0
63	30.0	23.4	35.0



#6

Aniline

Concen: 29.413 ng

RT: 7.85 min Scan# 979

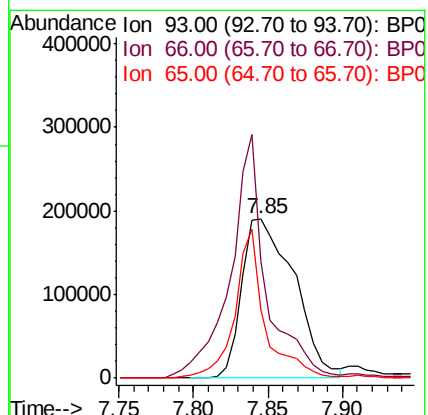
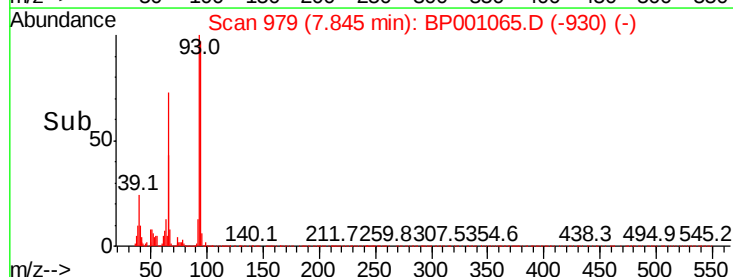
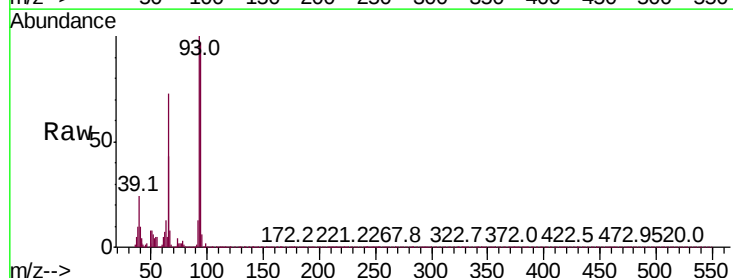
Delta R.T. -0.01 min

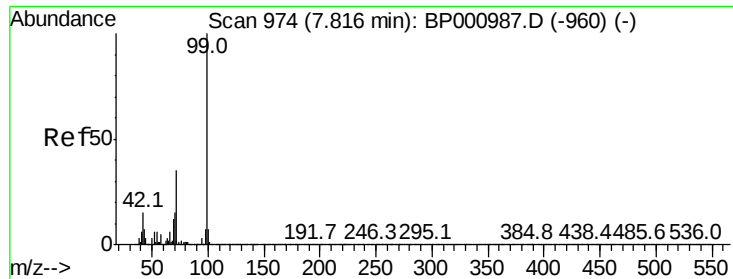
Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion: 93 Resp: 465432

Ion	Ratio	Lower	Upper
93	100		
66	73.2	29.1	43.7#
65	42.6	14.6	21.8#





#7

Phenol-d6

Concen: 118.213 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

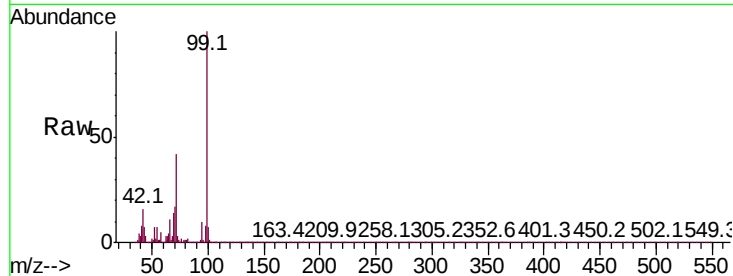
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1432298

Ion	Ratio	Lower	Upper
99	100		
42	16.4	11.6	17.4
71	41.7	28.0	42.0



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

1200000

1000000

800000

600000

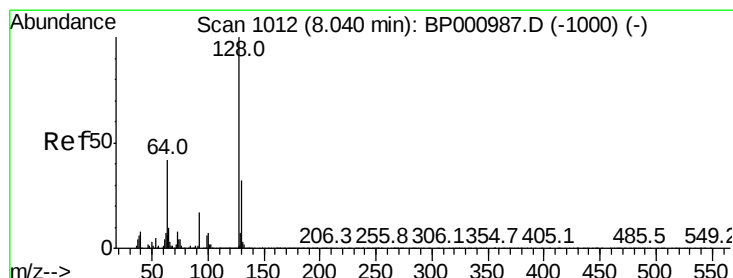
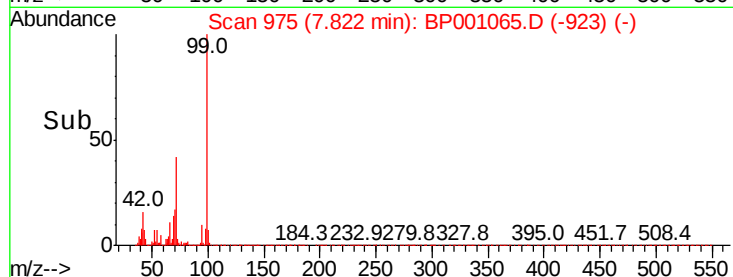
400000

200000

0

7.70 7.80 7.90

Time-->



#8

2-Chlorophenol

Concen: 44.742 ng

RT: 8.03 min Scan# 1011

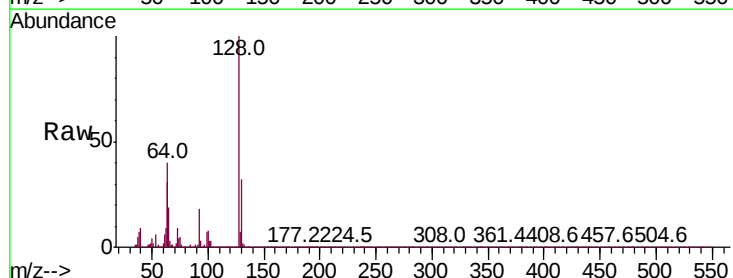
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion: 128 Resp: 454597

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	39.6	22.7	62.7



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

500000

400000

300000

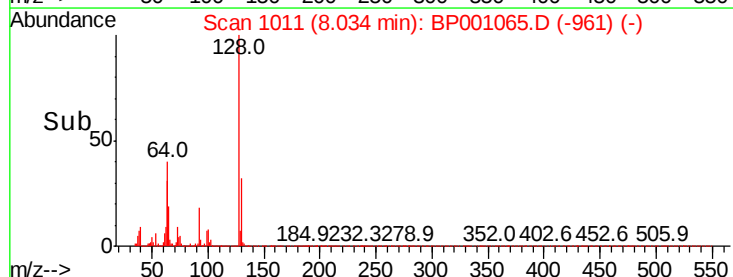
200000

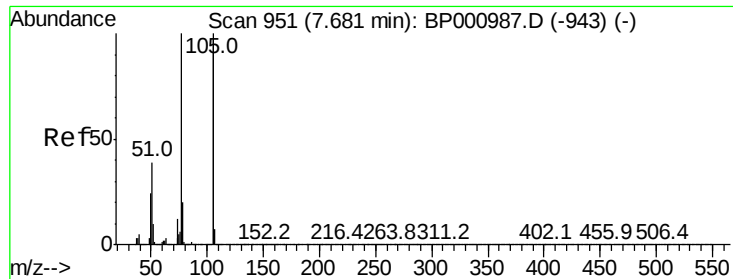
100000

0

7.90 8.00 8.10

Time-->





#9

Benzaldehyde

Concen: 26.601 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampled :

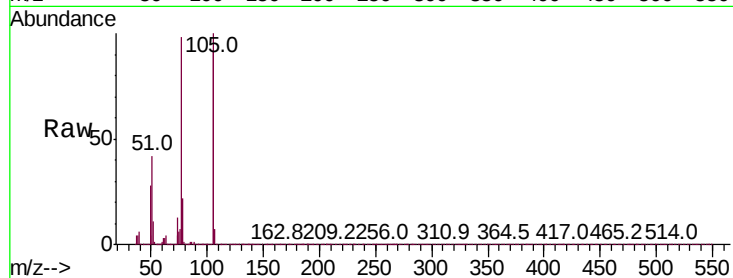
Tot Ion: 77 Resp: 224880

Ion Ratio Lower Upper

77 100

105 102.0 80.0 120.0

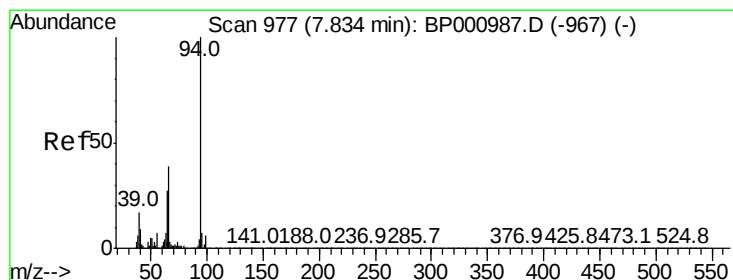
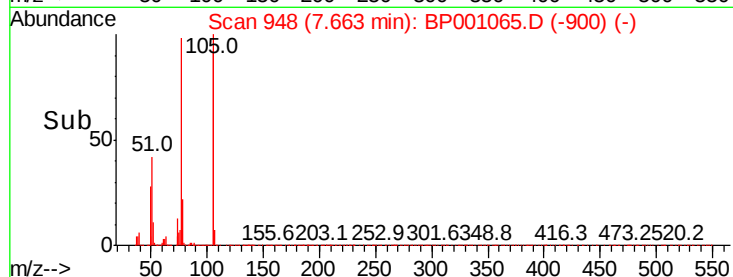
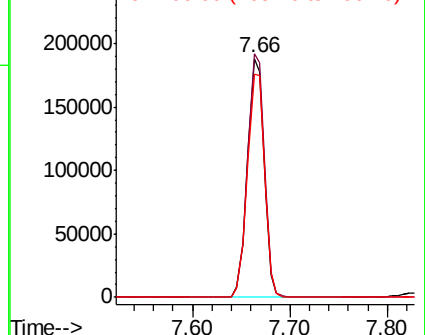
106 93.7 76.9 116.9



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: 41.681 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

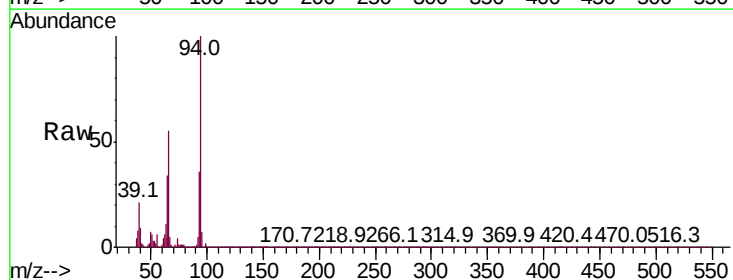
Tgt Ion: 94 Resp: 552374

Ion Ratio Lower Upper

94 100

65 33.8 6.7 46.7

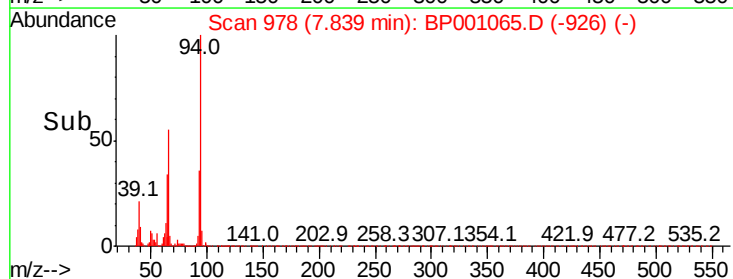
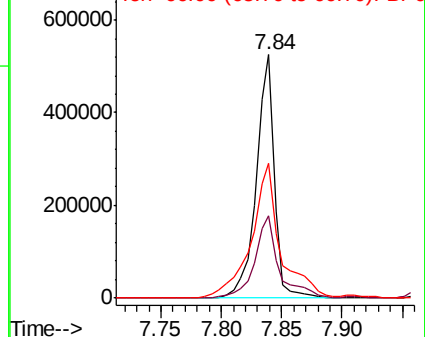
66 55.5 18.6 58.6

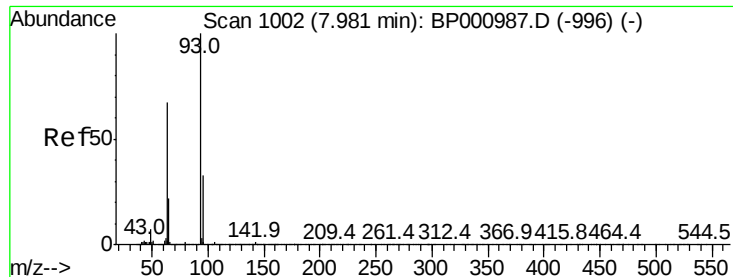


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

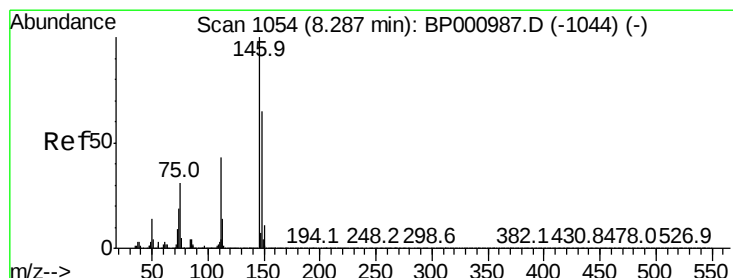
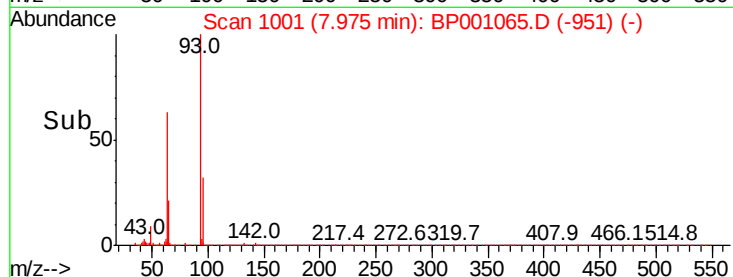
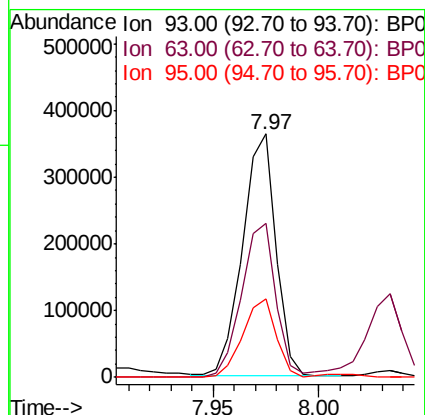
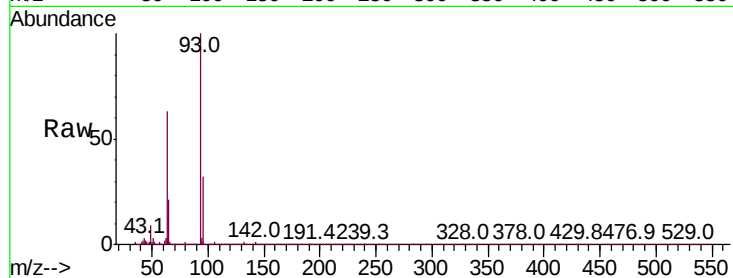




#11
bis(2-Chloroethyl)ether
Concen: 38.420 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

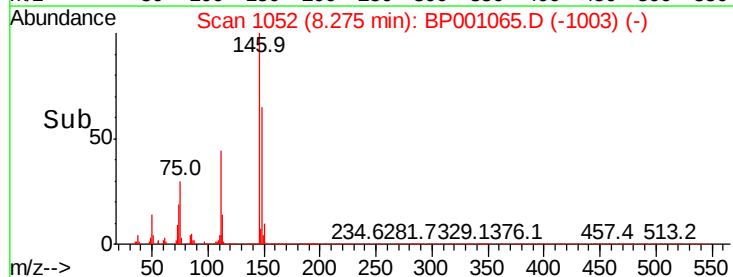
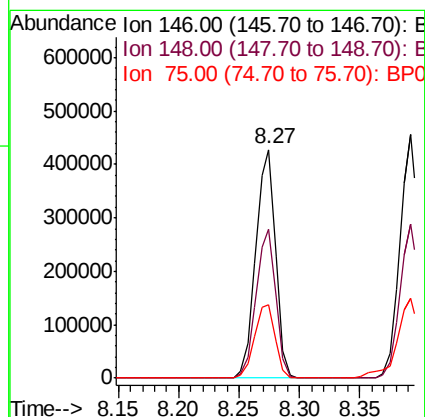
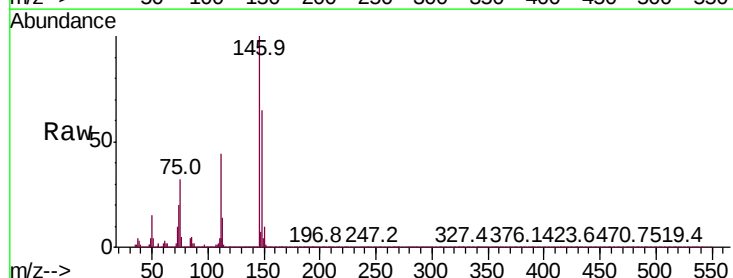
Instrument :
BNA_P
ClientSampleId :

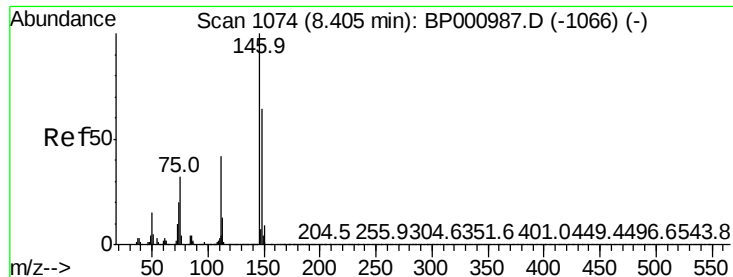
Tot Ion	Ratio	Lower	Upper
93	100		
63	63.1	47.4	87.4
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
75	32.0	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 39.403 ng

RT: 8.39 min Scan# 1072

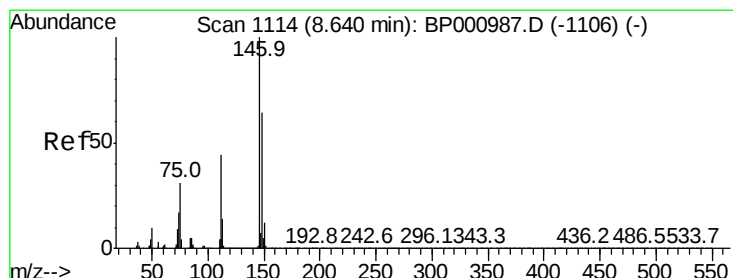
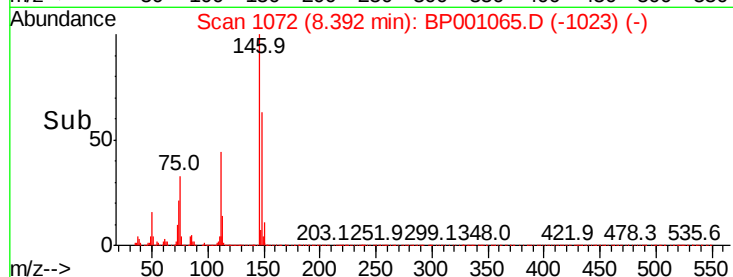
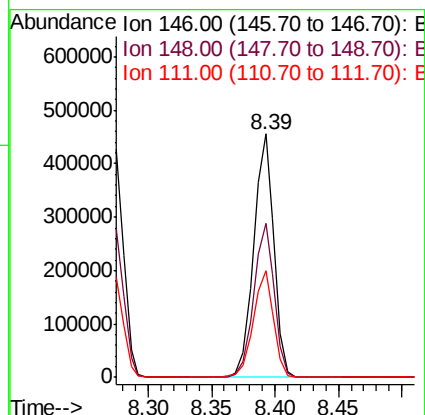
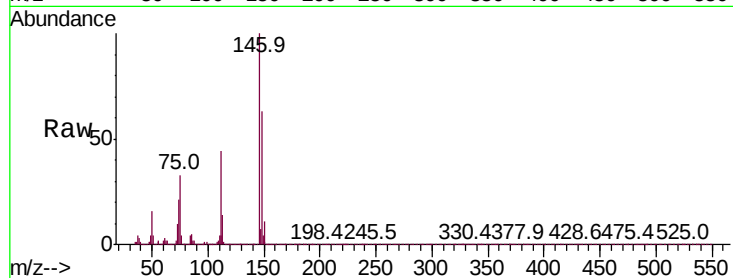
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
111	44.0	33.8	50.6



#14

1,2-Dichlorobenzene

Concen: 40.895 ng

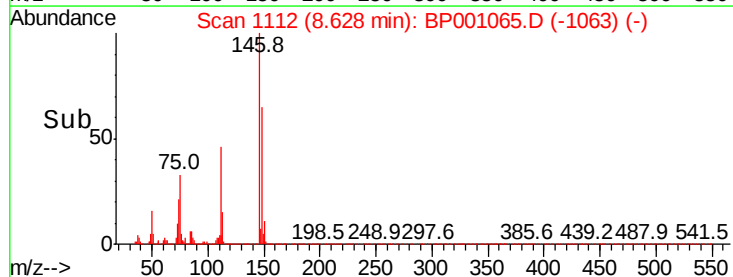
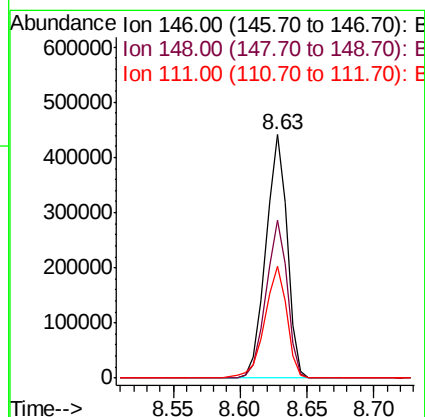
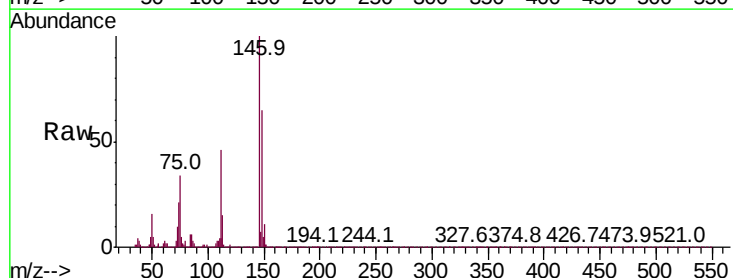
RT: 8.63 min Scan# 1112

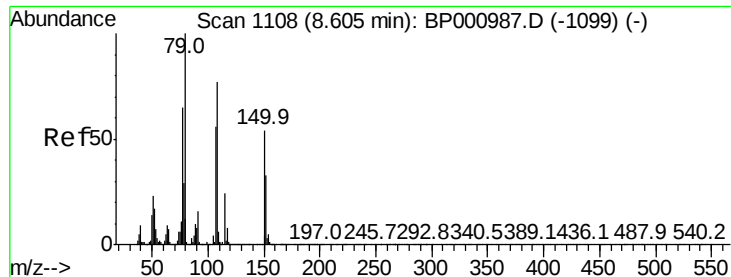
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	46.1	35.6	53.4





#15

Benzyl Alcohol

Concen: 44.058 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

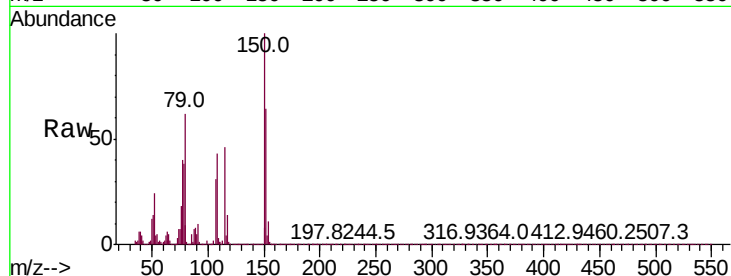
Tot Ion: 79 Resp: 406782

Ion Ratio Lower Upper

79 100

108 69.8 62.0 93.0

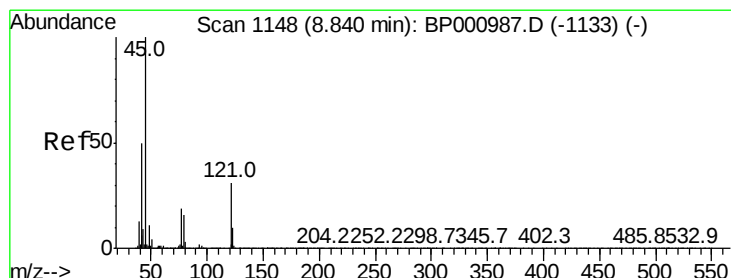
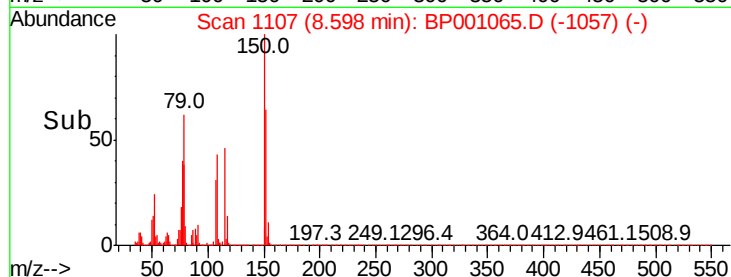
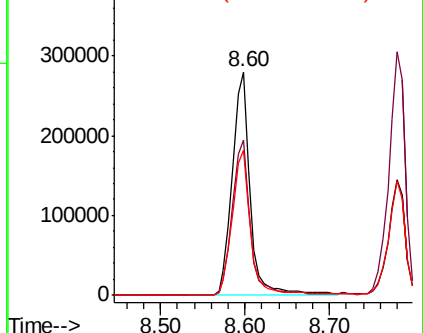
77 64.7 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.137 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

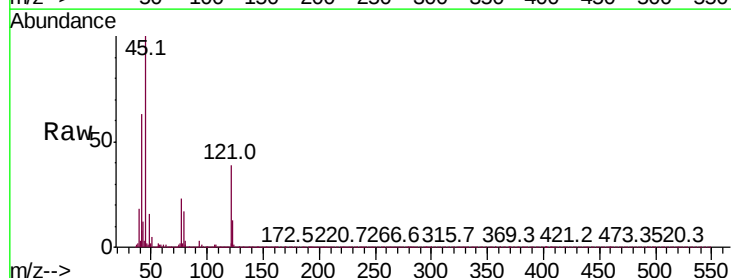
Tgt Ion: 45 Resp: 346254

Ion Ratio Lower Upper

45 100

77 22.7 0.0 39.1

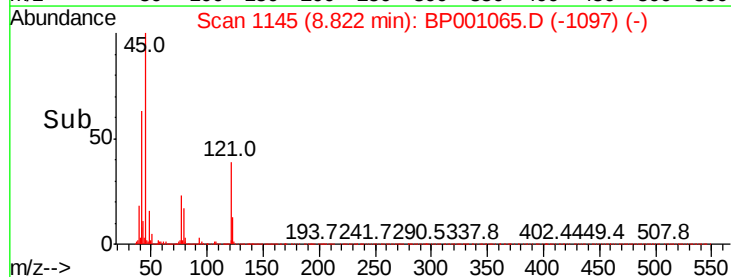
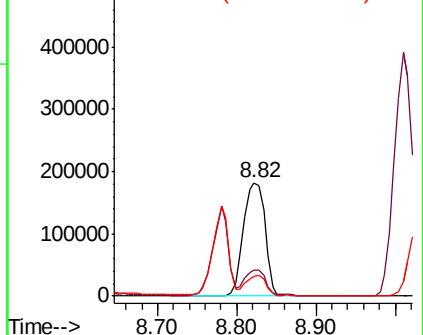
79 17.3 0.0 35.9

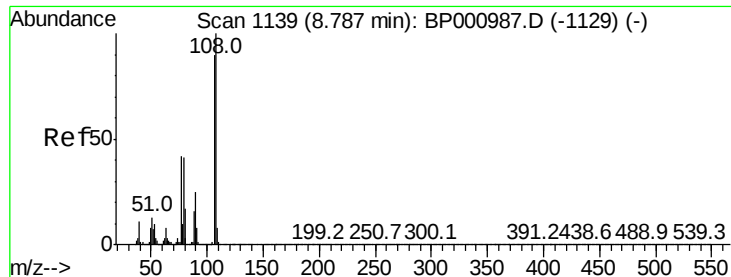


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 43.153 ng

RT: 8.78 min Scan# 1138

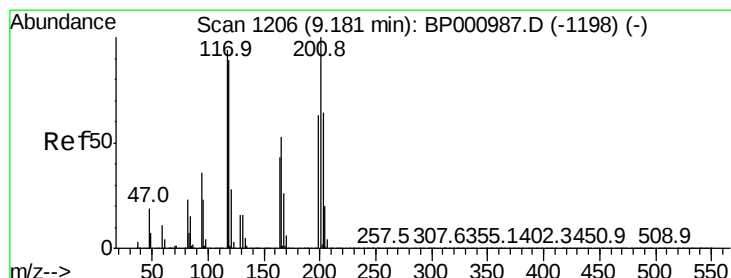
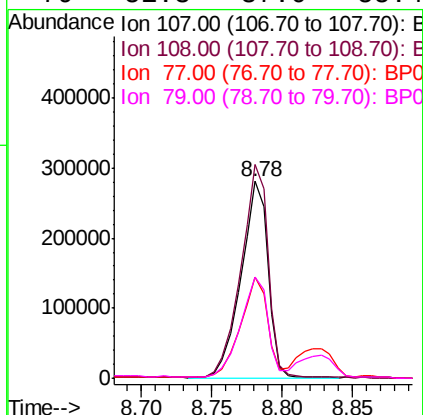
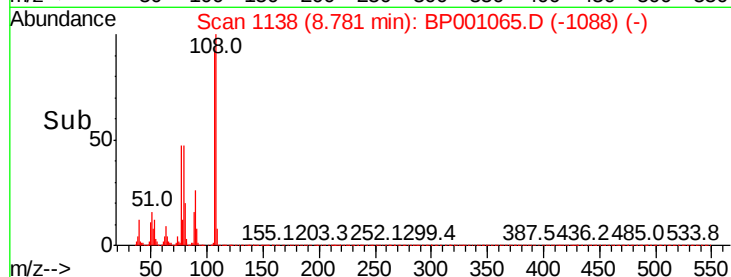
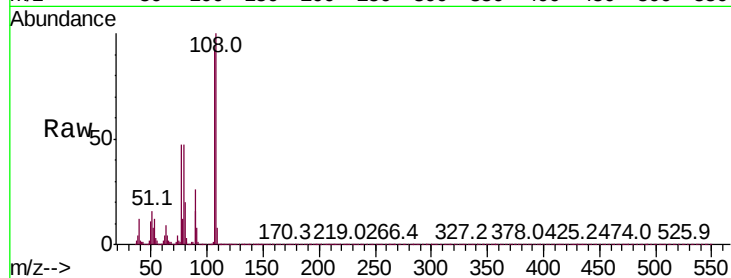
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	372255
Ion	Ratio	Lower	Upper
107	100		
108	108.6	89.3	133.9
77	51.3	37.2	55.8
79	51.3	37.0	55.4



#18

Hexachloroethane

Concen: 41.050 ng

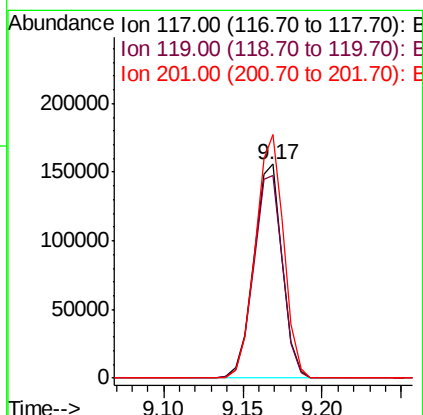
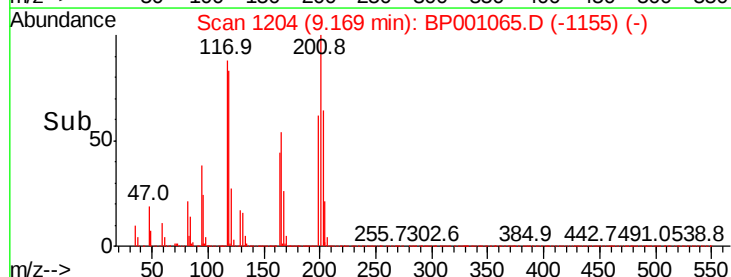
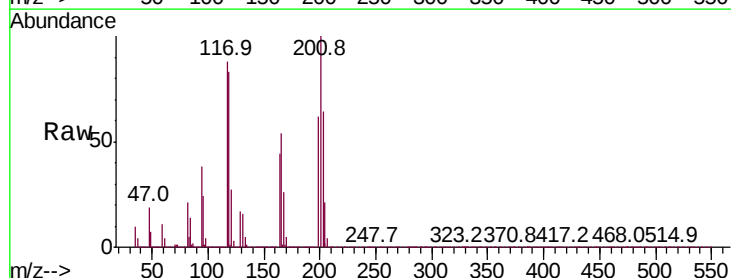
RT: 9.17 min Scan# 1204

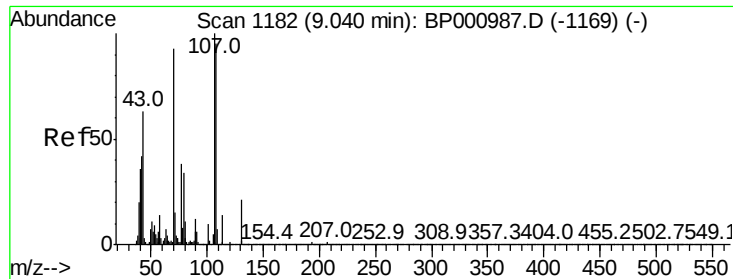
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:	117	Resp:	193600
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.5	113.3
201	113.9	84.9	127.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.893 ng

RT: 9.03 min Scan# 1181

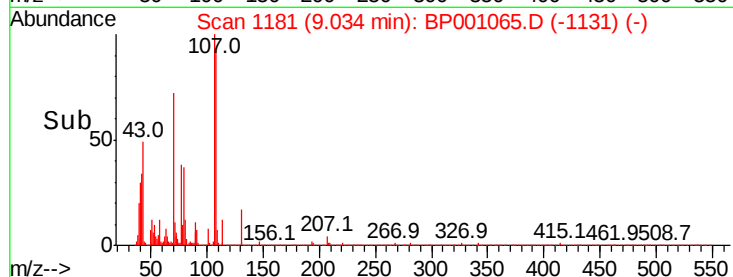
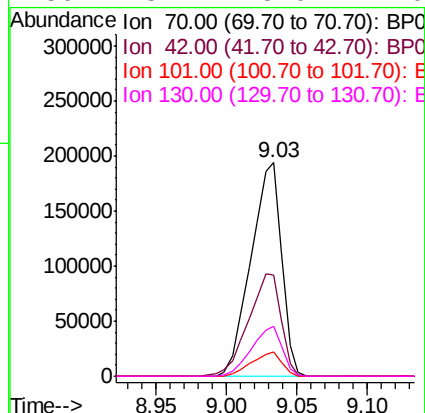
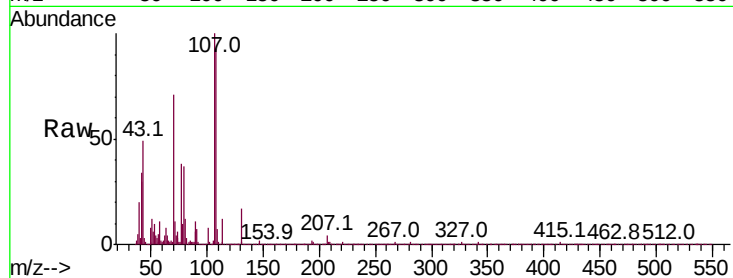
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	297509
Ion	Ratio	Lower	Upper
70	100		
42	47.3	36.3	54.5
101	11.5	8.7	13.1
130	23.7	18.0	27.0



#20

3+4-Methylphenols

Concen: 44.924 ng

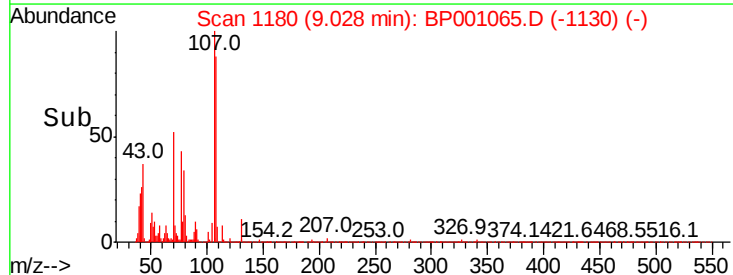
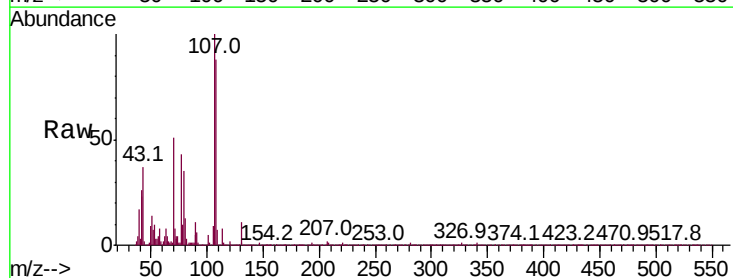
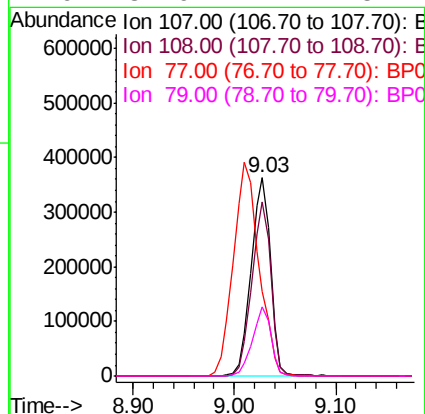
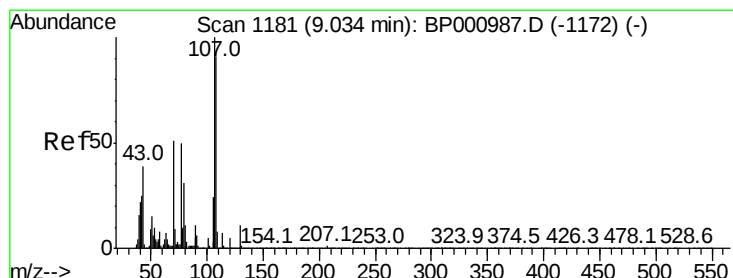
RT: 9.03 min Scan# 1180

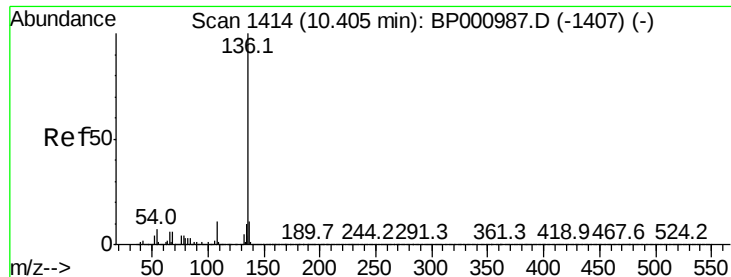
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:	107	Resp:	480772
Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.1	111.1
77	42.8	29.8	69.8
79	34.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BP001065.D

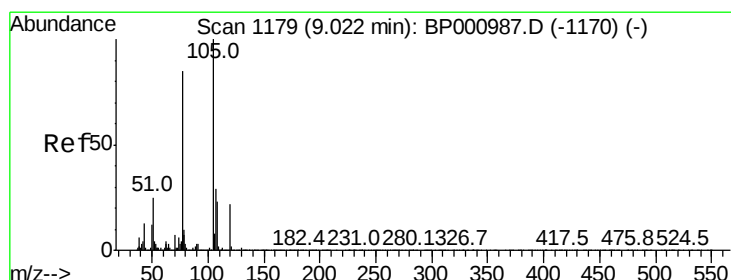
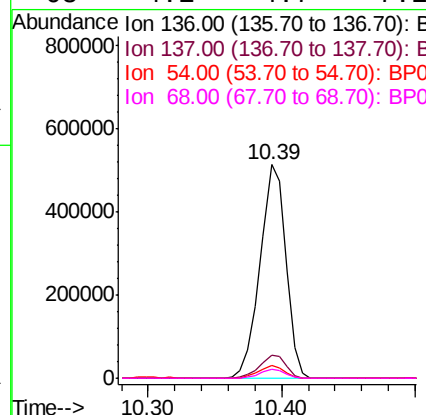
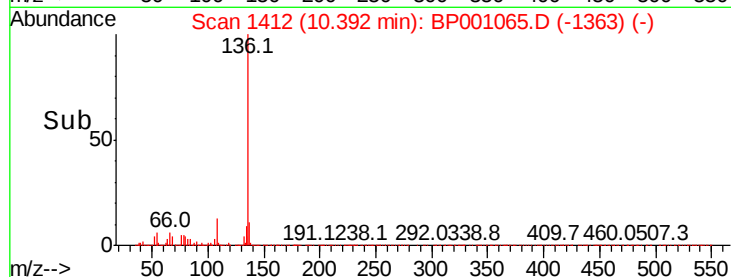
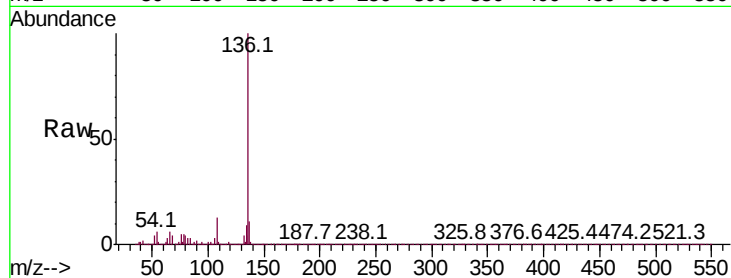
Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp: 683895
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.6
54 6.1	5.4 8.2
68 4.1	4.7 7.1#



#22

Acetophenone

Concen: 38.488 ng

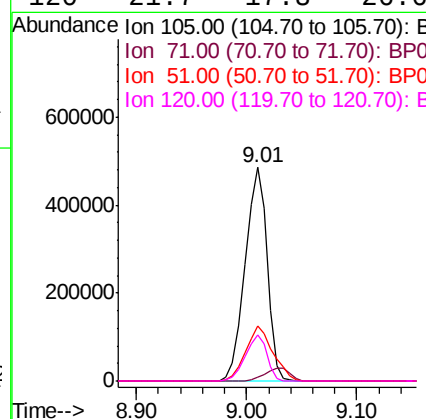
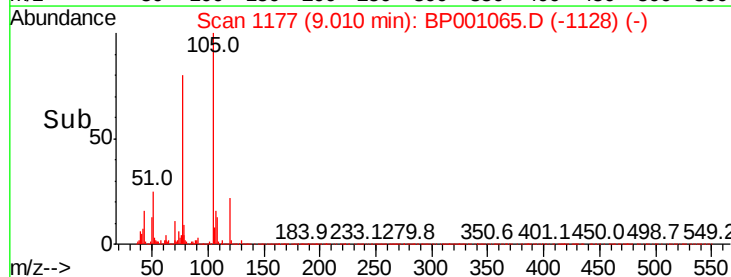
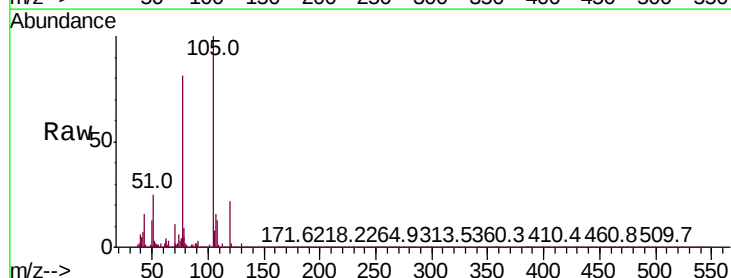
RT: 9.01 min Scan# 1177

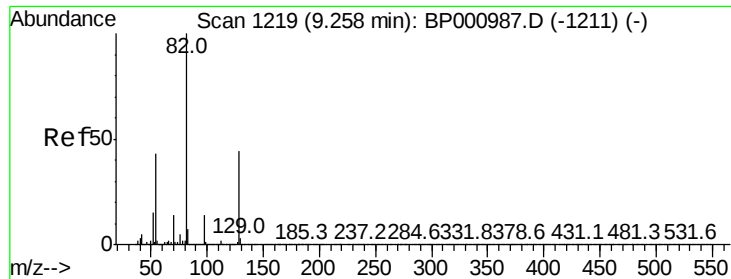
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:105	Resp: 679776
Ion Ratio	Lower Upper
105 100	
71 1.8	1.0 1.4#
51 25.5	19.9 29.9
120 21.7	17.8 26.6

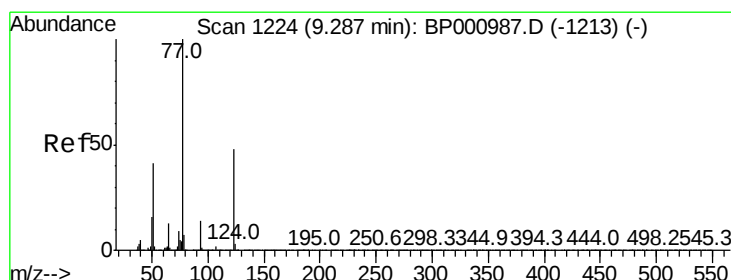
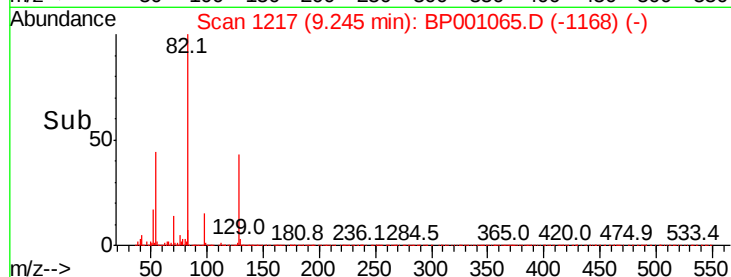
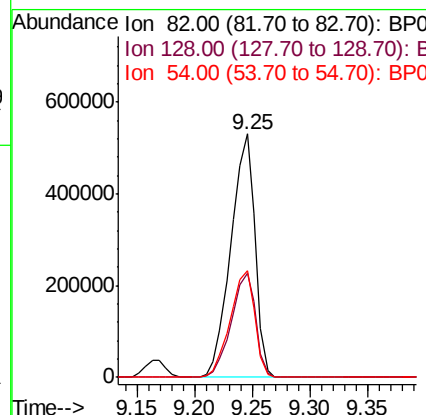
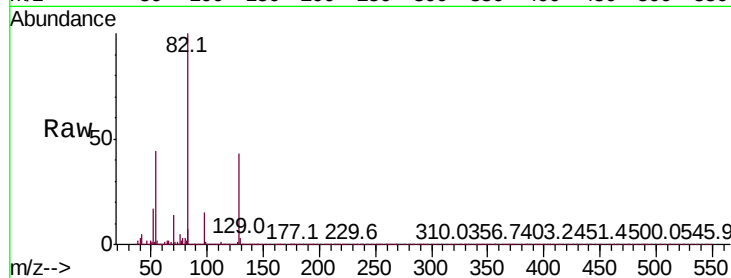




#23
Nitrobenzene-d5
Concen: 61.928 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

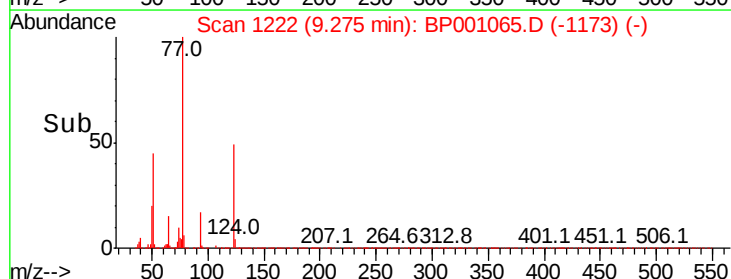
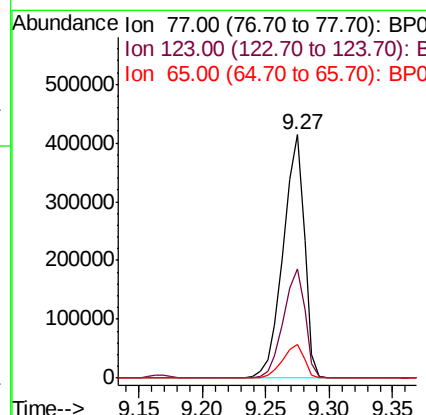
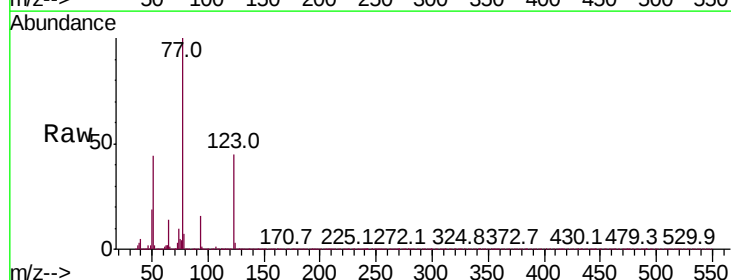
Instrument :
BNA_P
ClientSampleId :

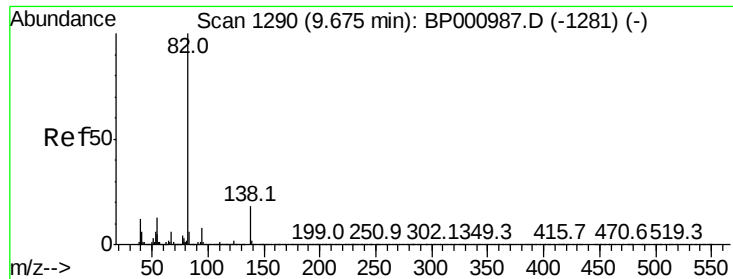
Tot Ion	82	Resp	765639
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.3	52.9
54	43.6	34.3	51.5



#24
Nitrobenzene
Concen: 38.911 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion	77	Resp	482717
Ion Ratio	Lower	Upper	
77	100		
123	44.7	38.1	57.1
65	13.7	10.2	15.2





#25

Isophorone

Concen: 36.827 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

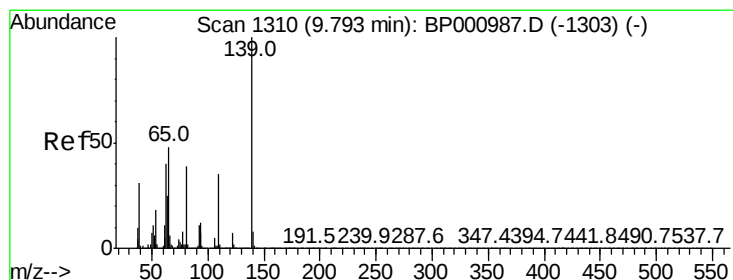
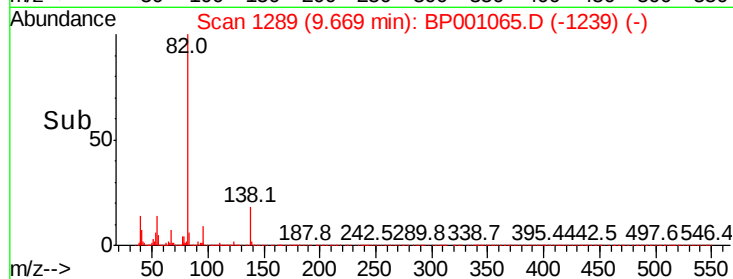
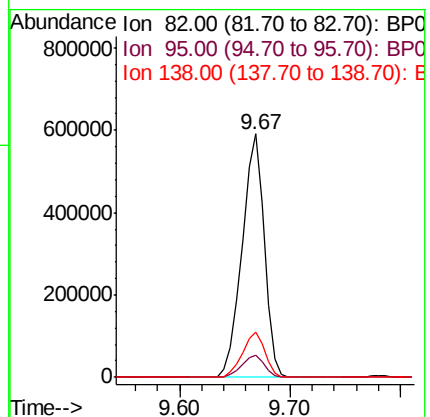
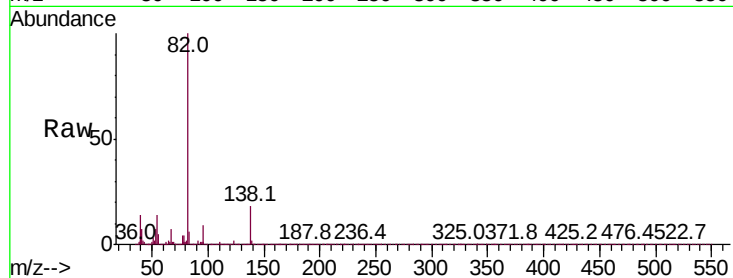
Tot Ion: 82 Resp: 838049

Ion Ratio Lower Upper

82 100

95 9.3 6.2 9.4

138 18.4 14.2 21.4



#26

2-Nitrophenol

Concen: 50.274 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

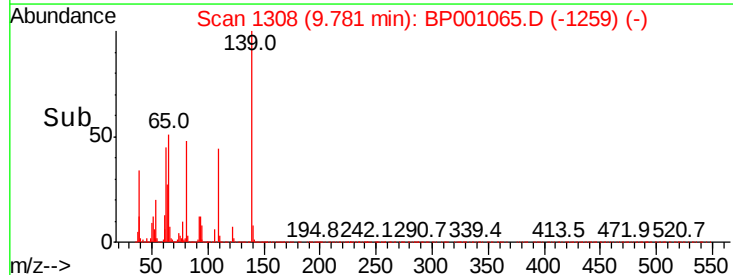
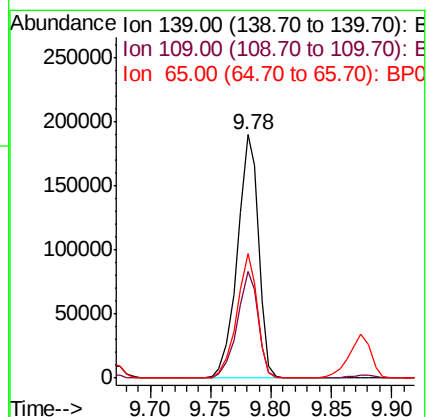
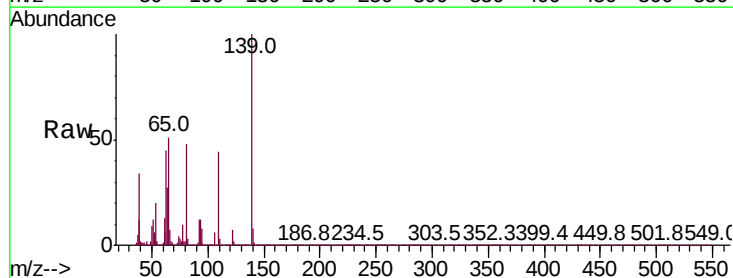
Tgt Ion: 139 Resp: 233062

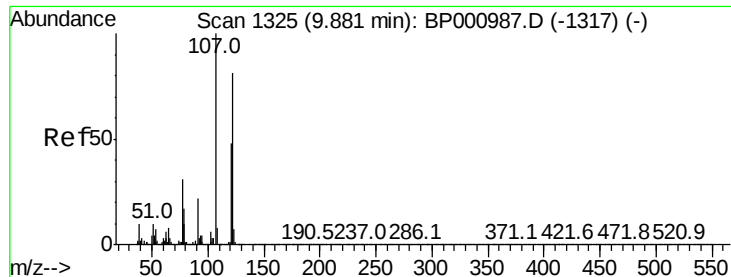
Ion Ratio Lower Upper

139 100

109 44.0 27.7 41.5#

65 51.0 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 44.085 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampled :

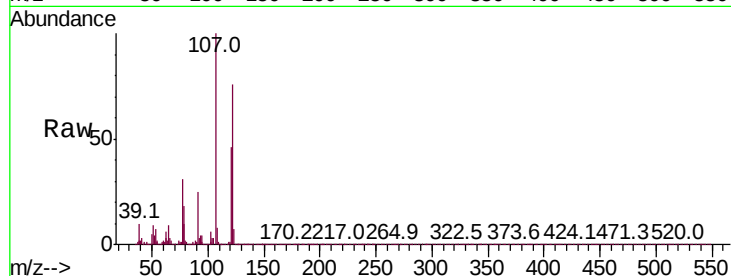
Tot Ion:122 Resp: 382707

Ion Ratio Lower Upper

122 100

107 132.0 99.3 148.9

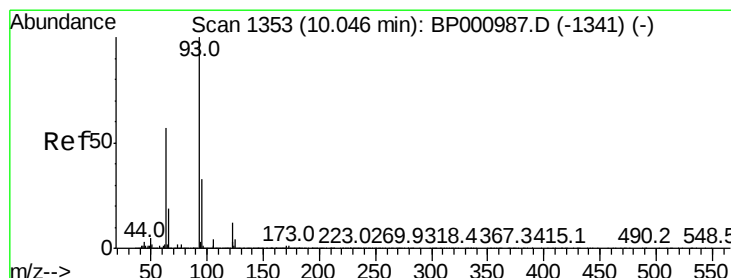
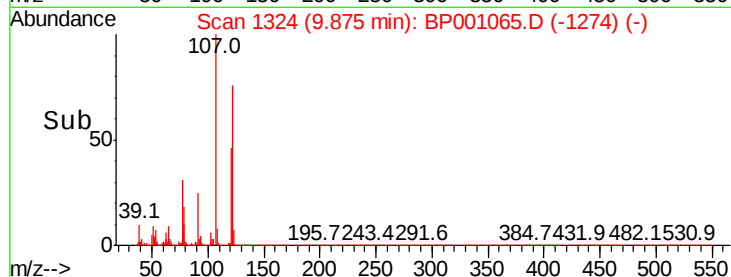
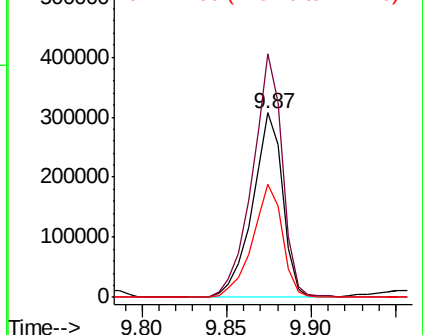
121 61.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.322 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

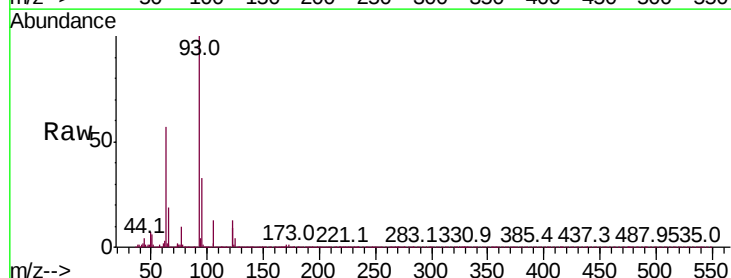
Tgt Ion: 93 Resp: 495787

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

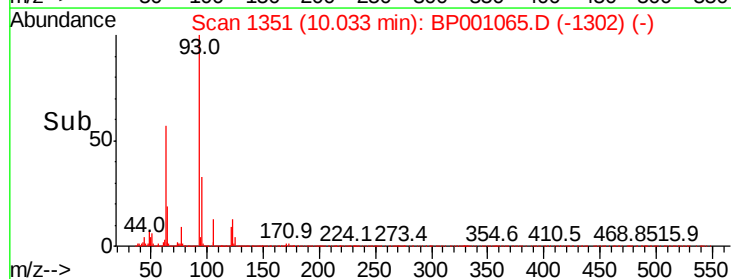
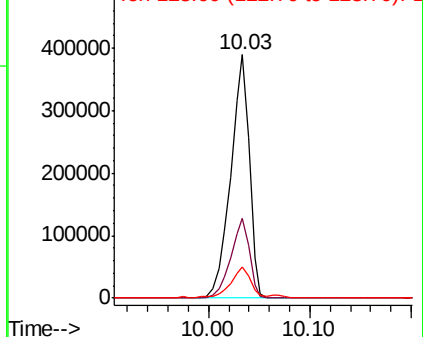
123 12.7 9.6 14.4

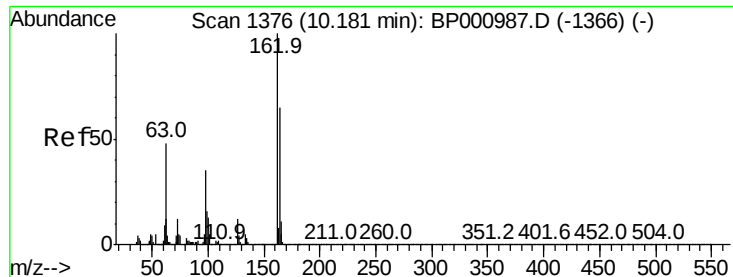


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.967 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

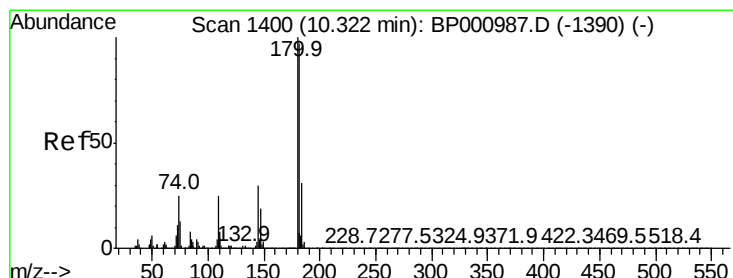
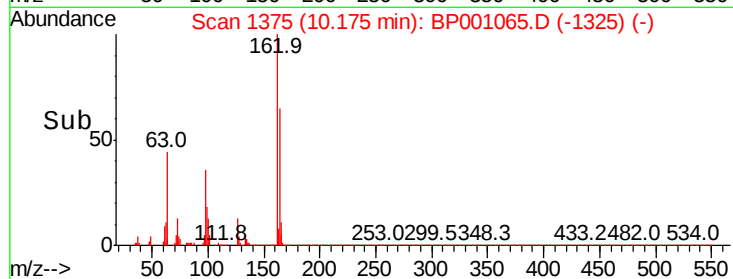
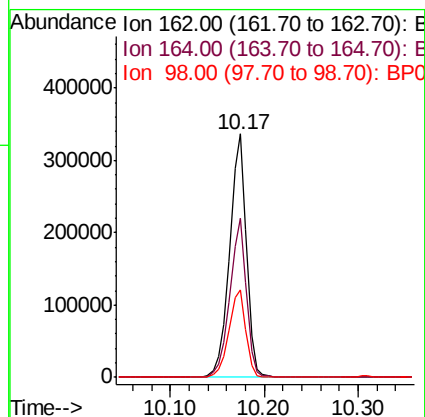
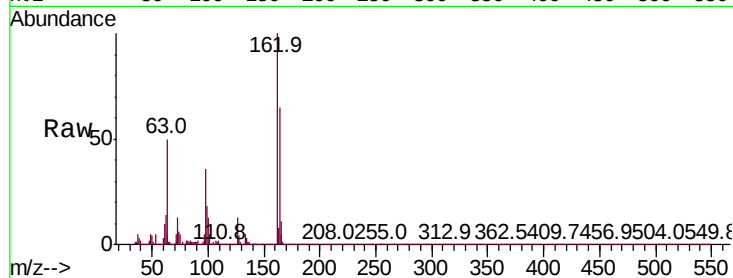
Tot Ion:162 Resp: 418778

Ion Ratio Lower Upper

162 100

164 65.2 44.5 84.5

98 35.9 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 37.818 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

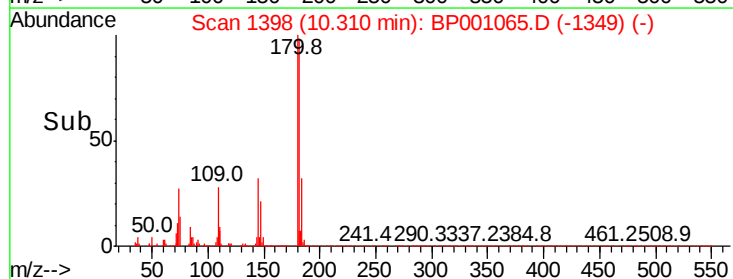
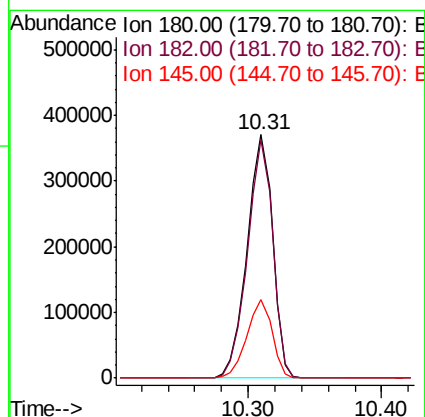
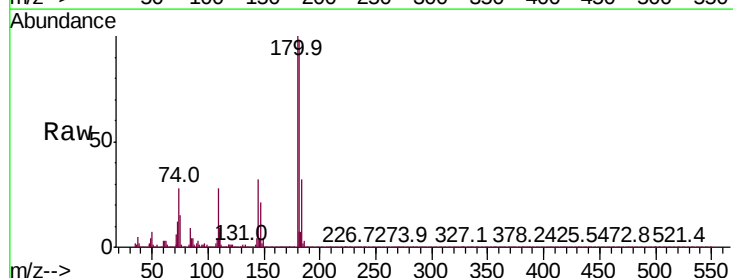
Tgt Ion:180 Resp: 486799

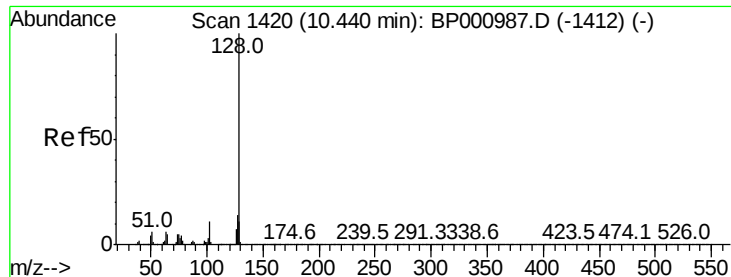
Ion Ratio Lower Upper

180 100

182 98.1 77.8 116.6

145 32.2 24.2 36.4

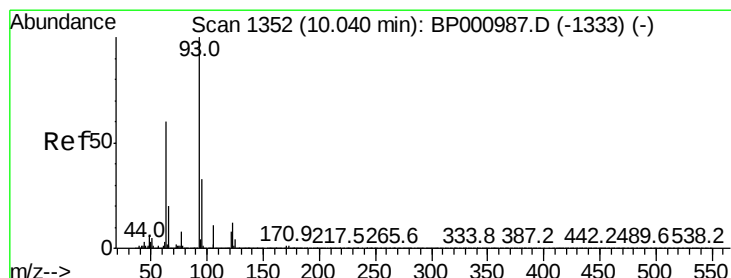
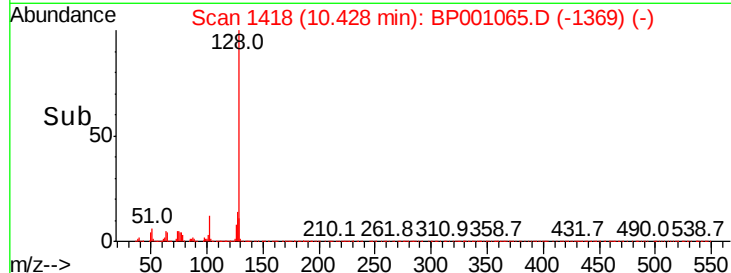
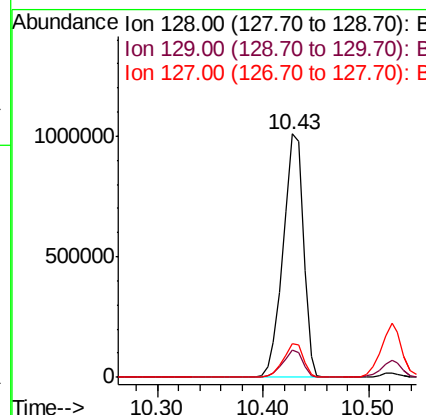
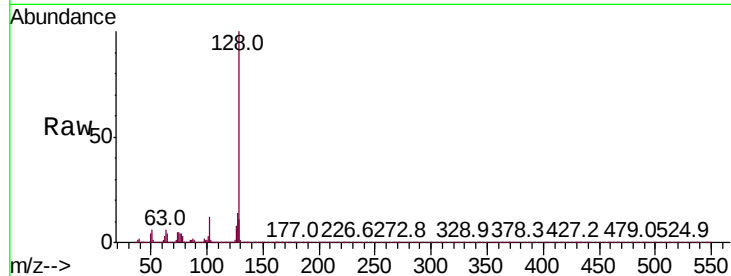




#31
Naphthalene
Concen: 38.893 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

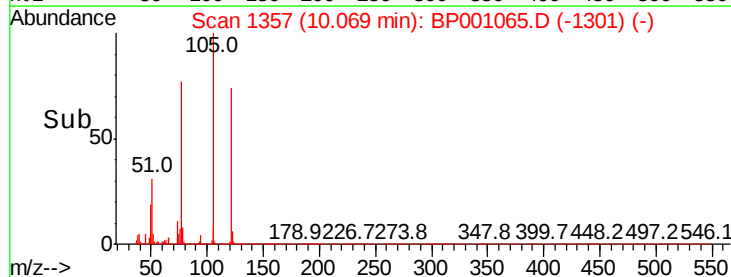
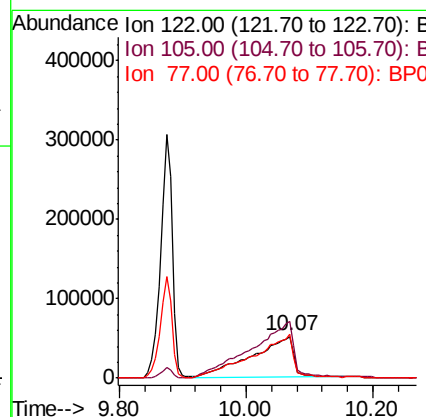
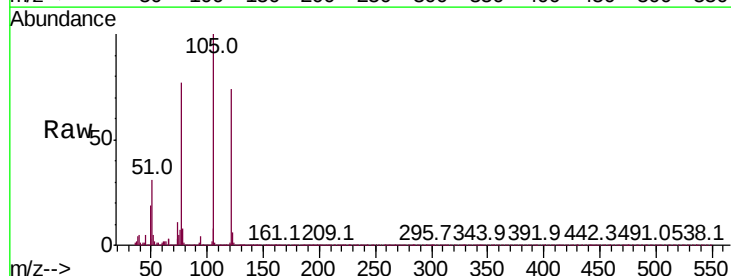
Instrument :
BNA_P
ClientSampleId :

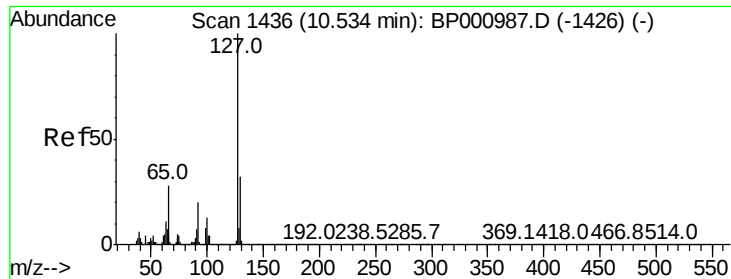
Tot Ion:128 Resp: 1328926
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 45.906 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:122 Resp: 238604
Ion Ratio Lower Upper
122 100
105 135.9 110.5 150.5
77 104.5 77.9 117.9

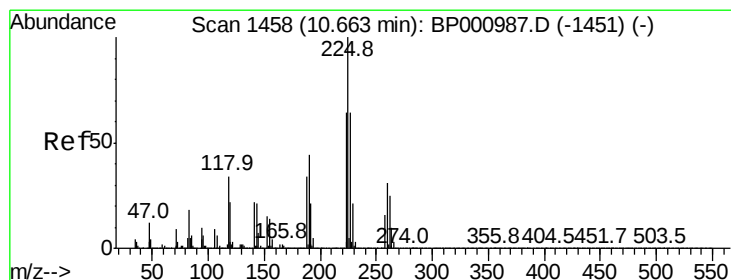
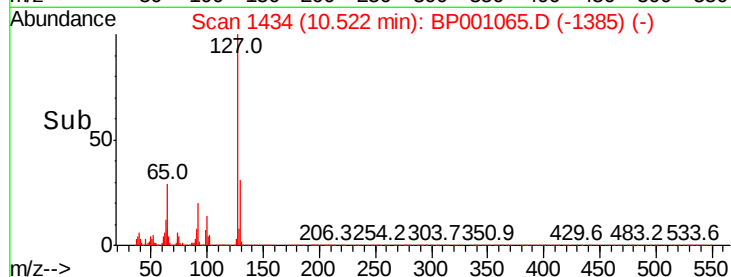
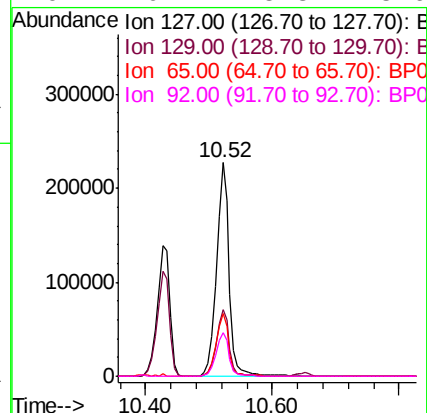
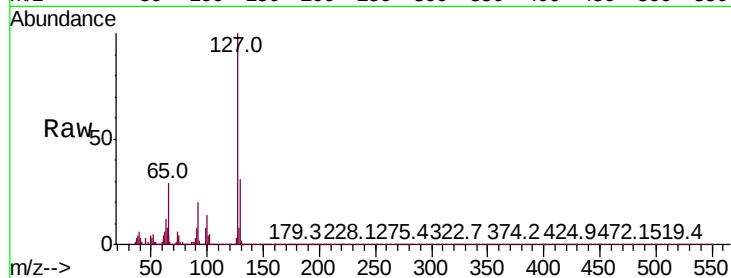




#33
4-Chloroaniline
Concen: 21.692 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

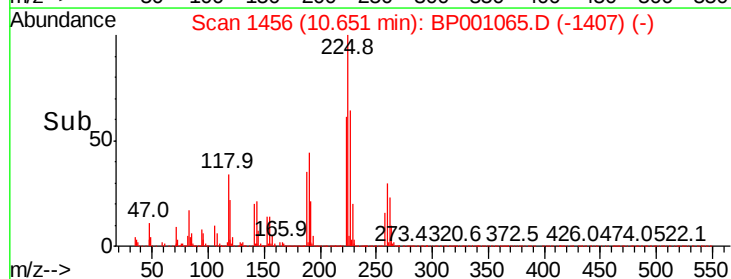
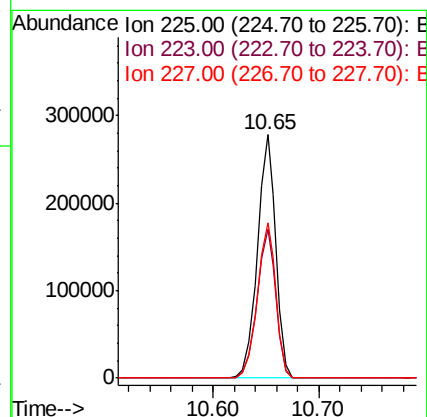
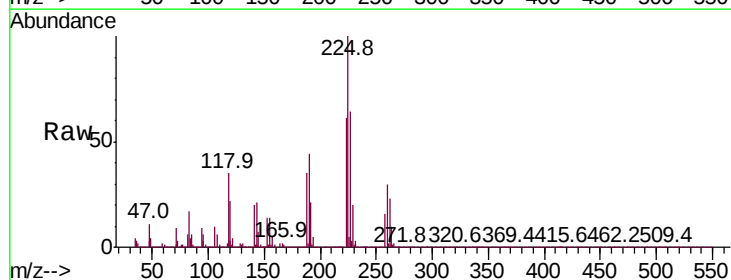
Instrument :
BNA_P
ClientSampleId :

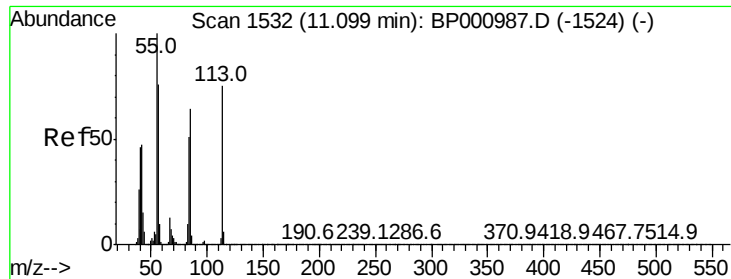
Tot Ion:	127	Resp:	317839
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	29.4	22.7	34.1
92	20.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.858 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:	225	Resp:	338979
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.1	76.7
227	63.8	51.4	77.2

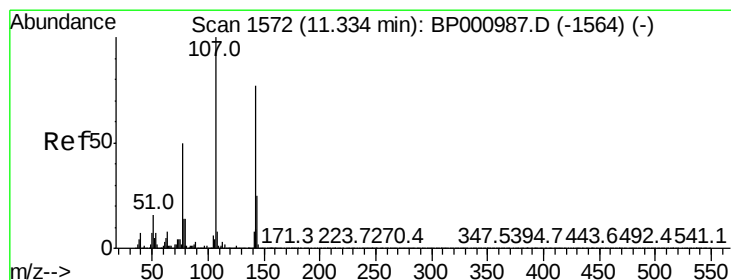
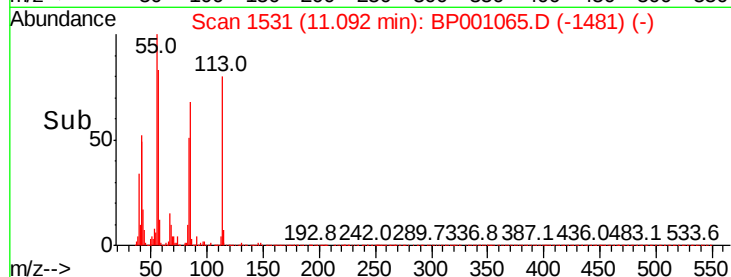
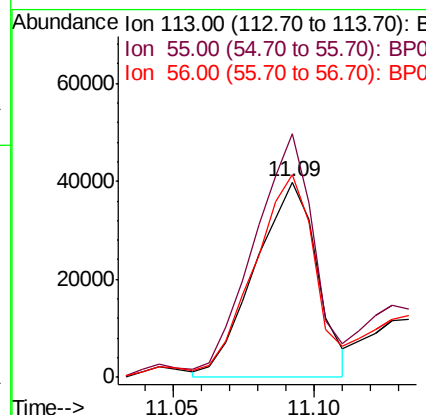
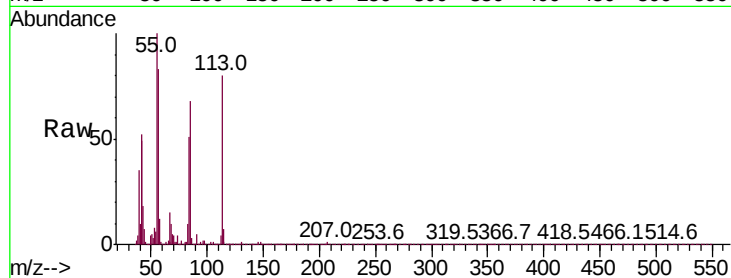




#35
Caprolactam
Concen: 18.385 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

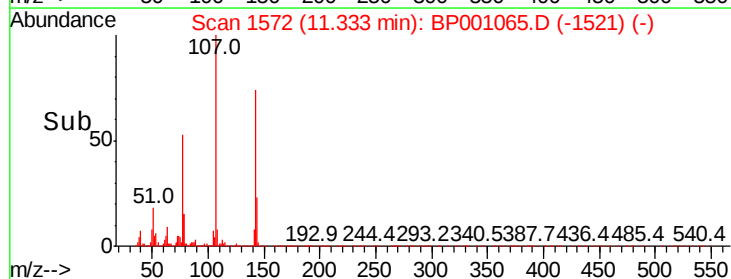
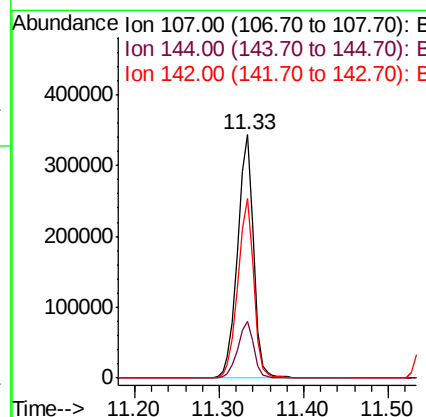
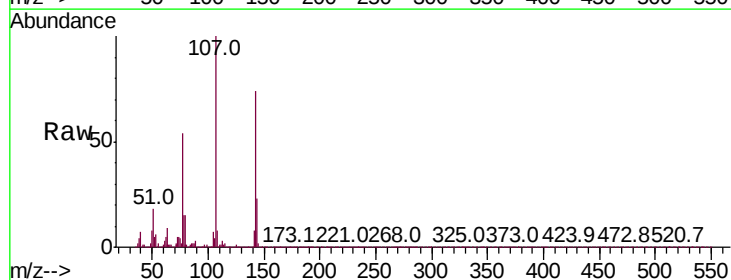
Instrument :
BNA_P
ClientSampleId :

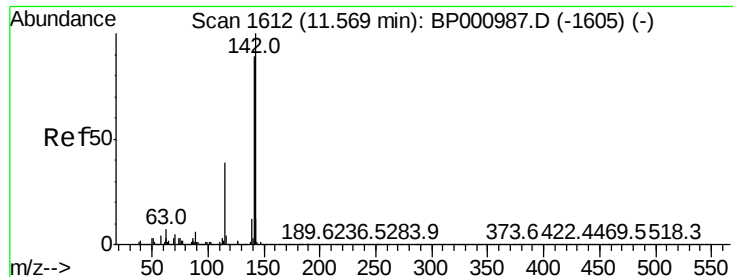
Tot Ion:113 Resp: 60803
Ion Ratio Lower Upper
113 100
55 124.8 114.2 154.2
56 103.7 81.9 121.9



#36
4-Chloro-3-methylphenol
Concen: 40.766 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:107 Resp: 443551
Ion Ratio Lower Upper
107 100
144 23.4 20.0 30.0
142 73.6 61.9 92.9

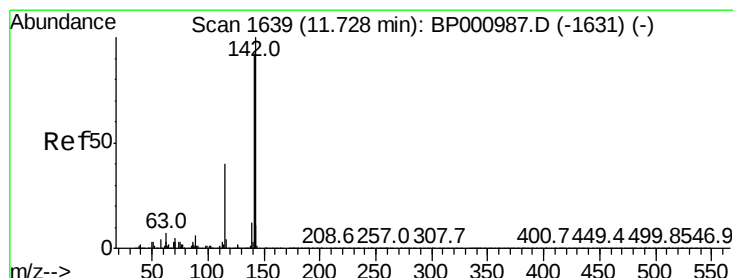
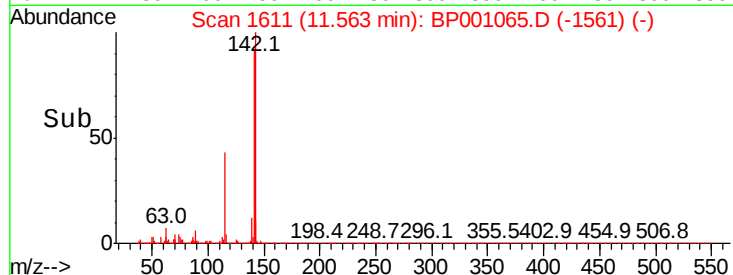
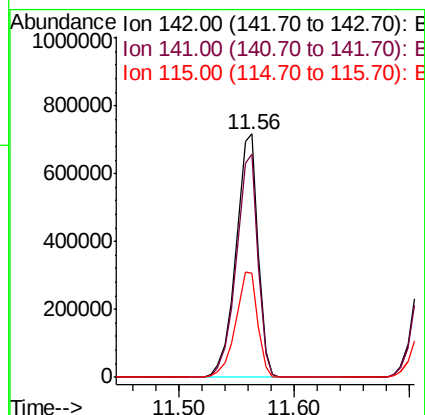
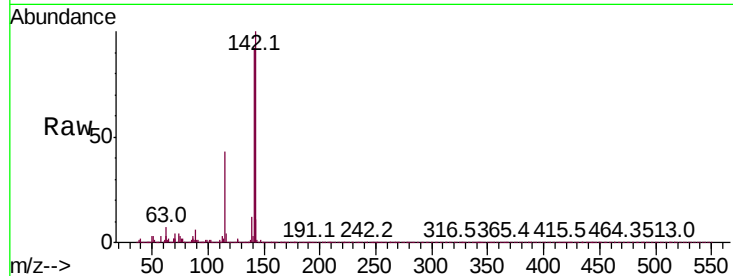




#37
2-Methylnaphthalene
Concen: 39.278 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

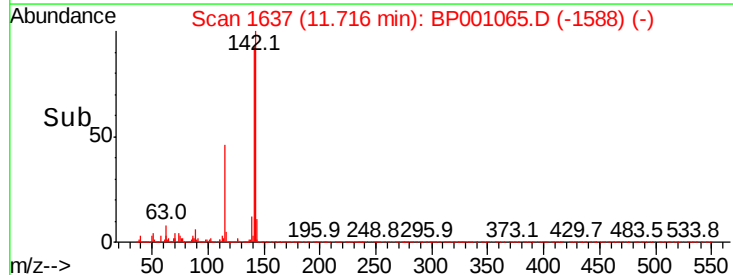
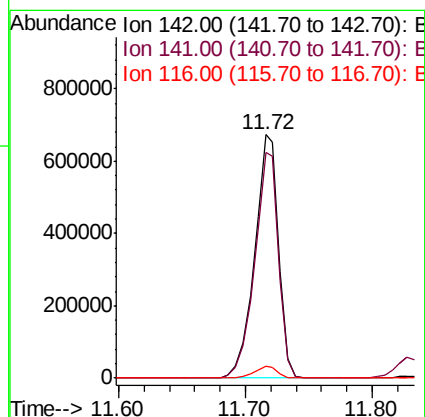
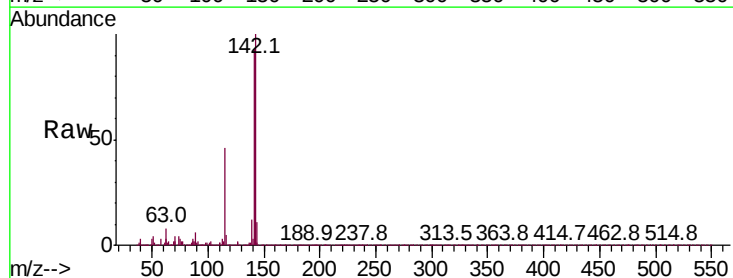
Instrument :
BNA_P
ClientSampled :

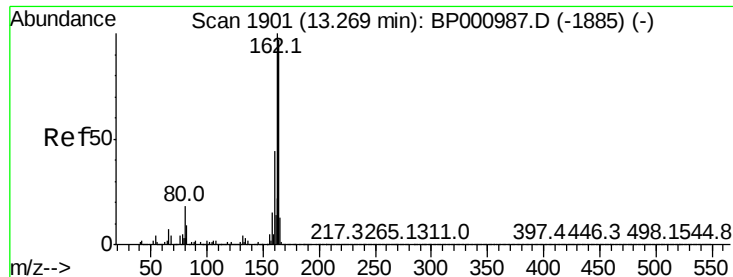
Tot Ion:142 Resp: 939372
Ion Ratio Lower Upper
142 100
141 91.7 71.5 107.3
115 42.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 38.963 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:142 Resp: 880487
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9
116 4.7 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

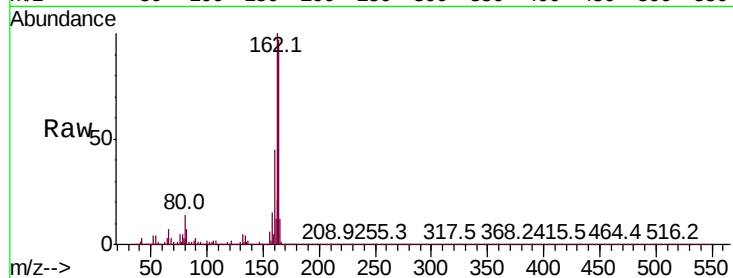
Tot Ion:164 Resp: 393074

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

160 45.9 36.5 54.7

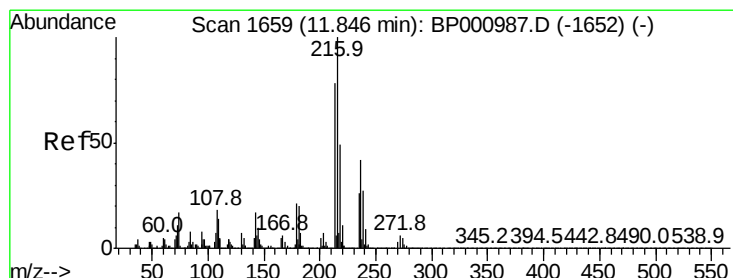
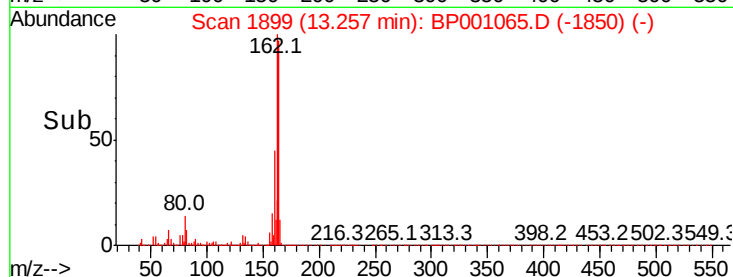
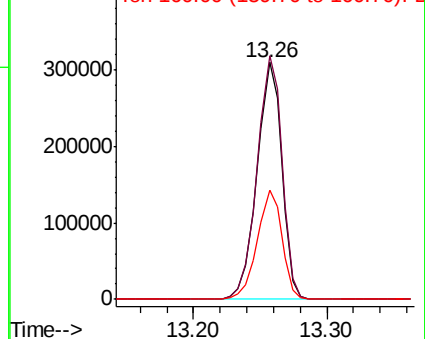


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.826 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:216 Resp: 521252

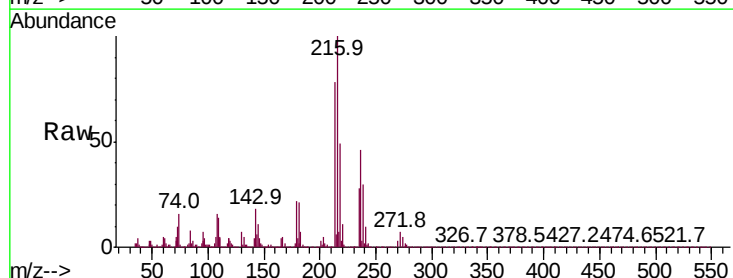
Ion Ratio Lower Upper

216 100

214 78.1 62.8 94.2

179 22.2 16.8 25.2

108 20.4 14.6 21.8



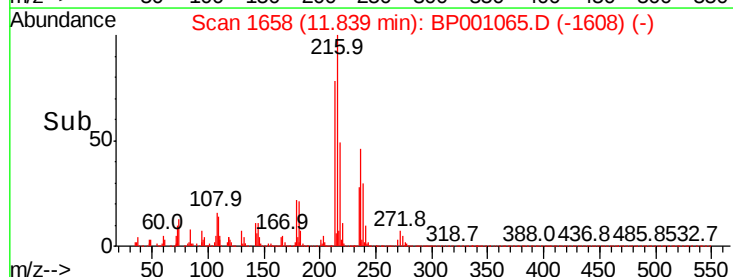
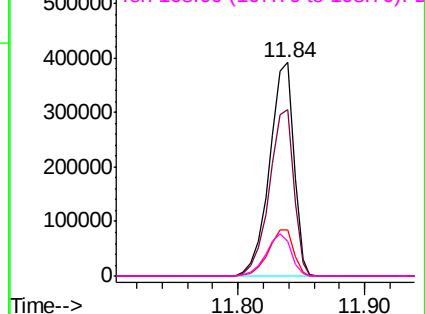
Abundance

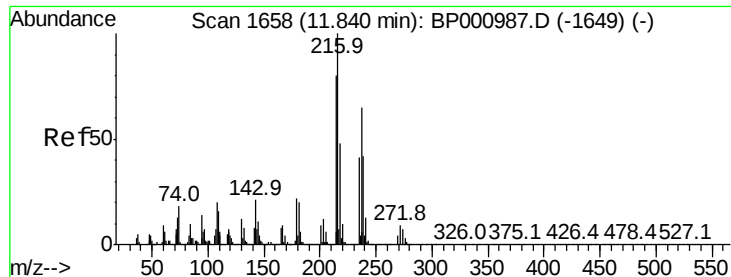
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

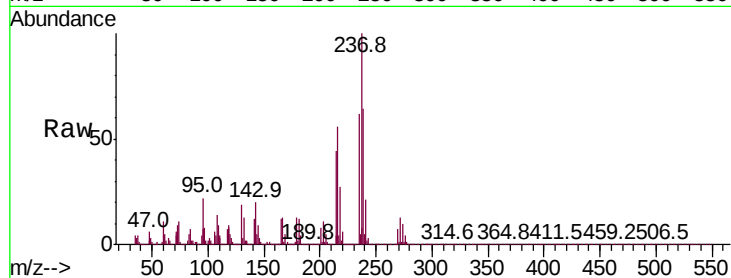




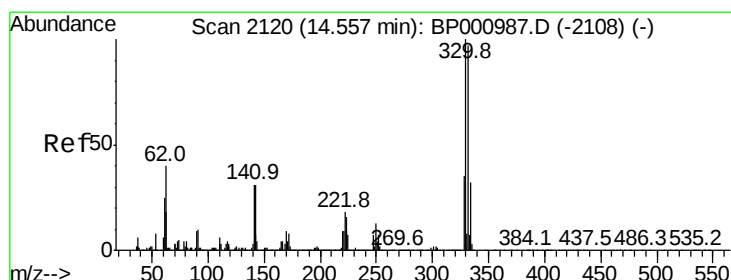
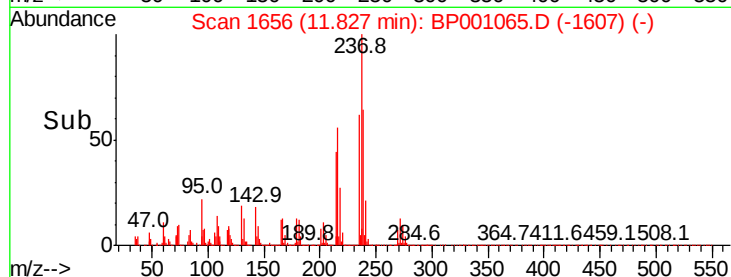
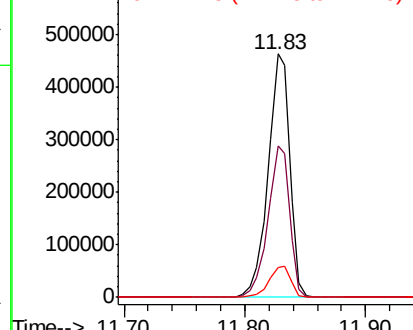
#41
Hexachlorocyclopentadiene
Concen: 88.523 ng
RT: 11.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.1	83.1
272	12.5	0.0	33.1

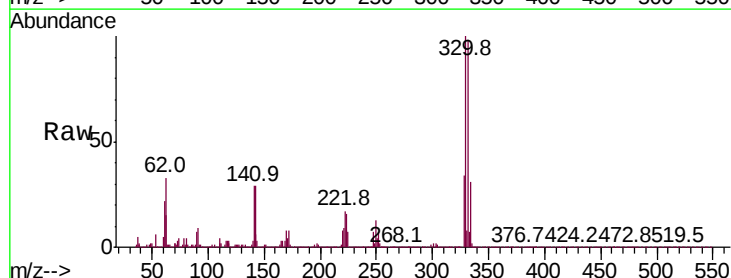


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

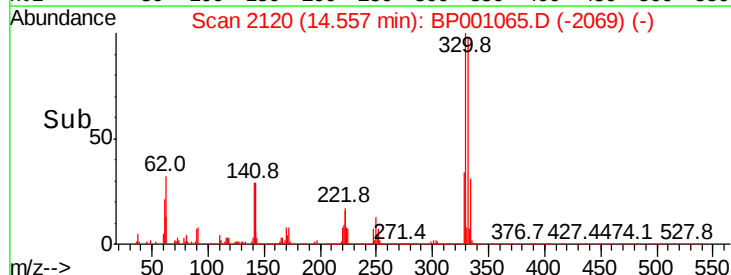
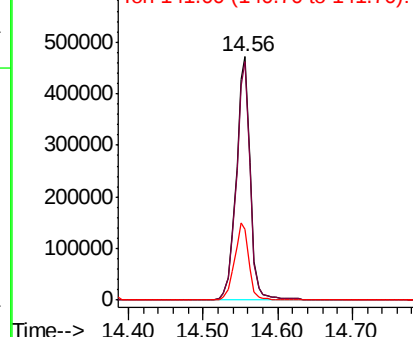


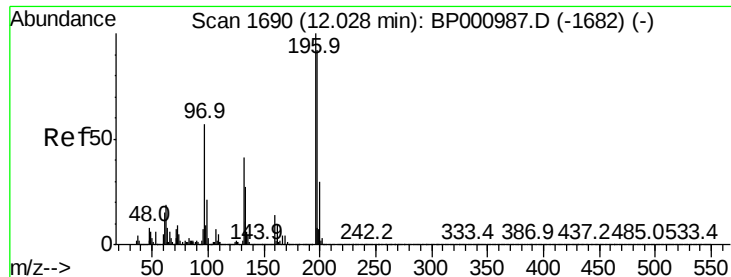
#42
2,4,6-Tribromophenol
Concen: 133.156 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	32.5	25.0	37.4



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

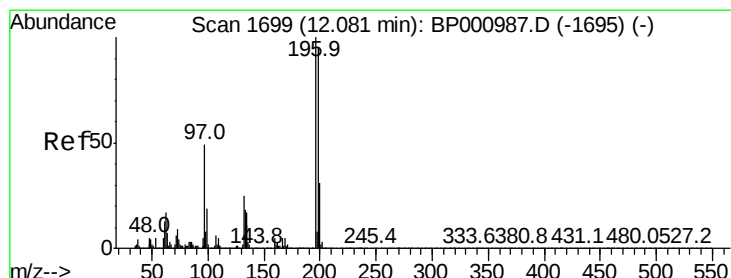
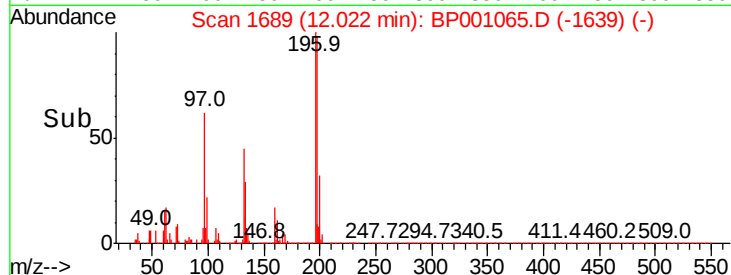
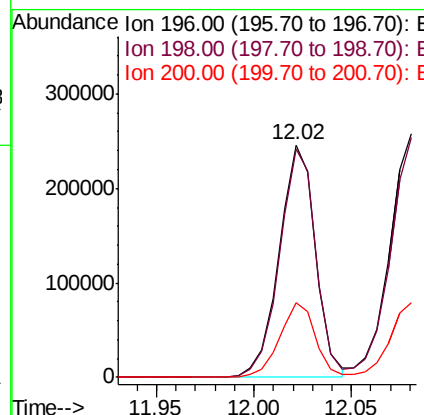
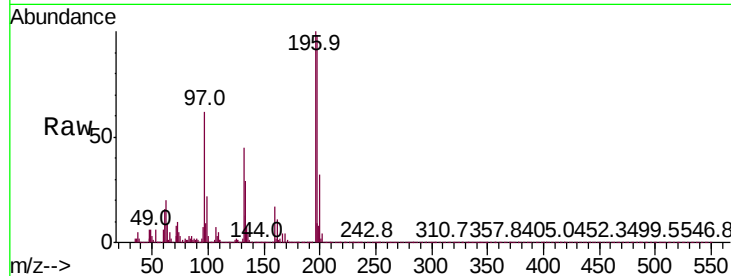




#43
2,4,6-Trichlorophenol
Concen: 40.071 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

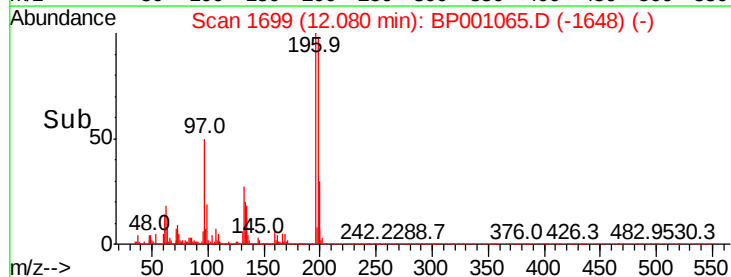
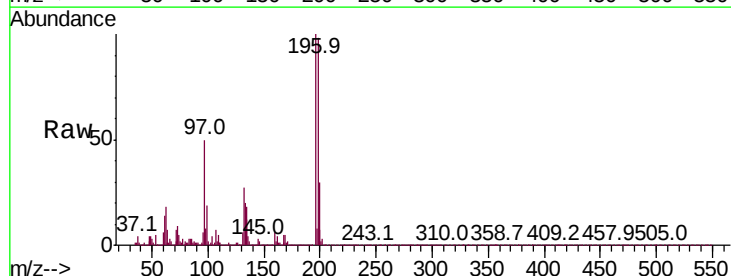
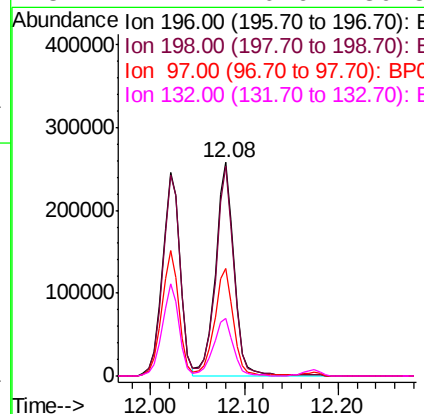
Instrument :
BNA_P
ClientSampleId :

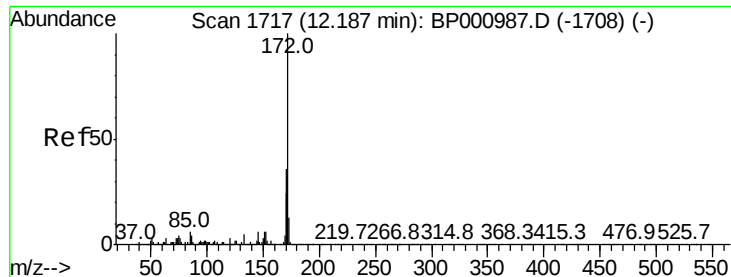
Tot Ion:196 Resp: 316222
Ion Ratio Lower Upper
196 100
198 98.4 74.0 111.0
200 32.0 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 42.255 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:196 Resp: 356518
Ion Ratio Lower Upper
196 100
198 98.5 76.3 114.5
97 50.4 39.1 58.7
132 27.1 20.6 30.8



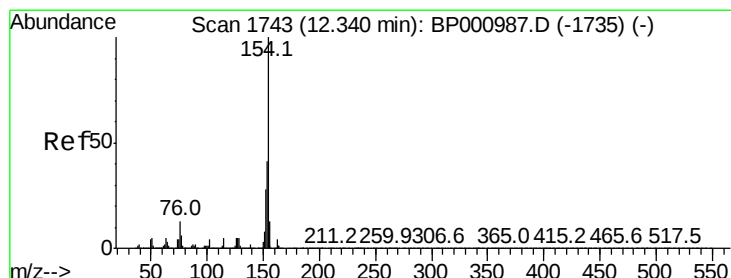
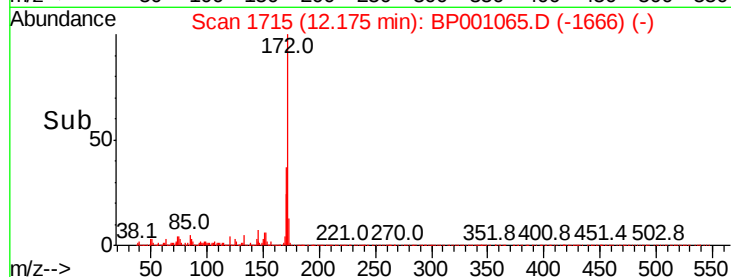
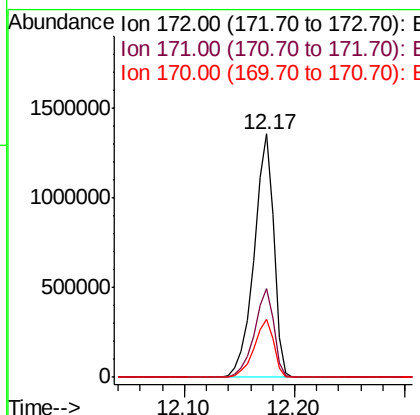
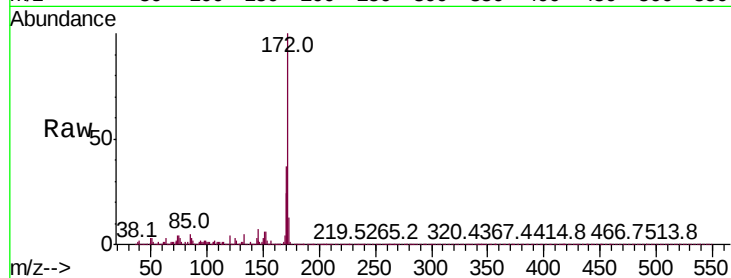


#45
2-Fluorobiphenyl
Concen: 65.070 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1698263

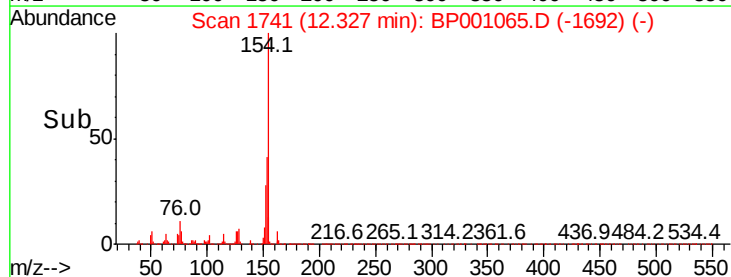
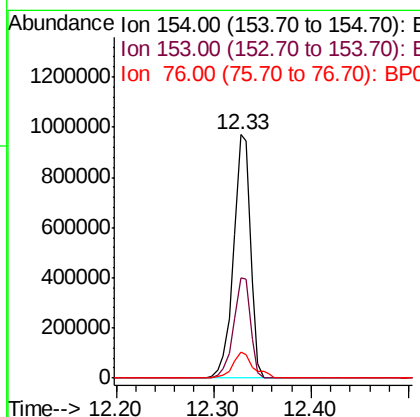
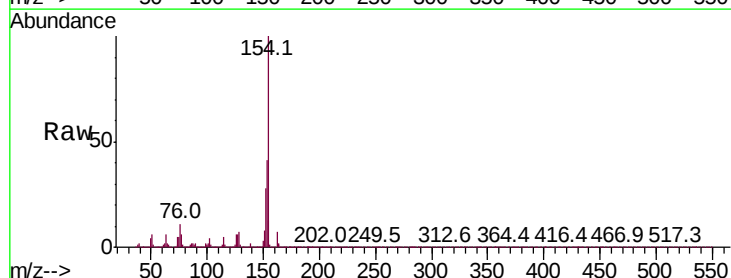
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.0	18.9	28.3

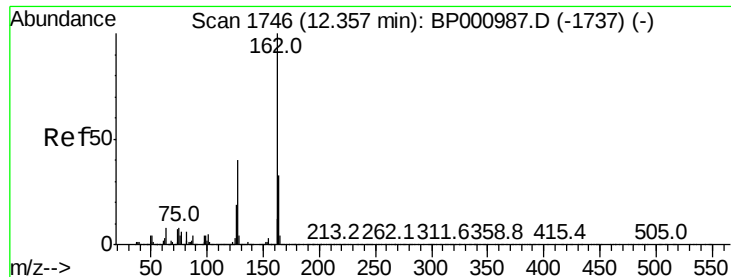


#46
1,1'-Biphenyl
Concen: 39.608 ng
RT: 12.33 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:154 Resp: 1164126

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	10.6	0.0	32.5





#47

2-Chloronaphthalene

Concen: 38.438 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

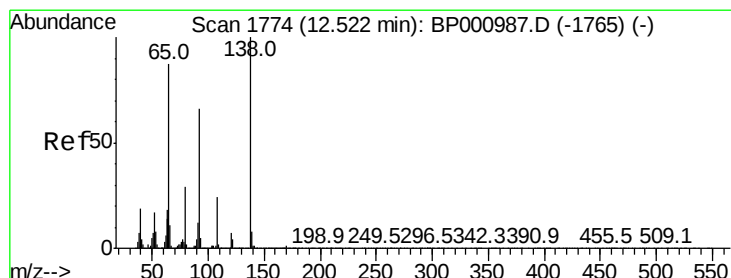
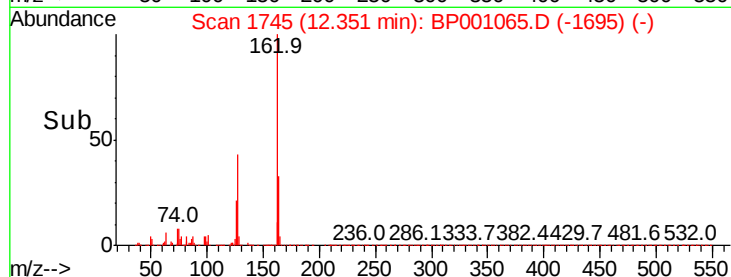
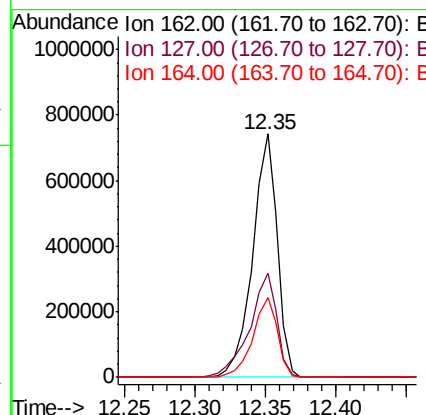
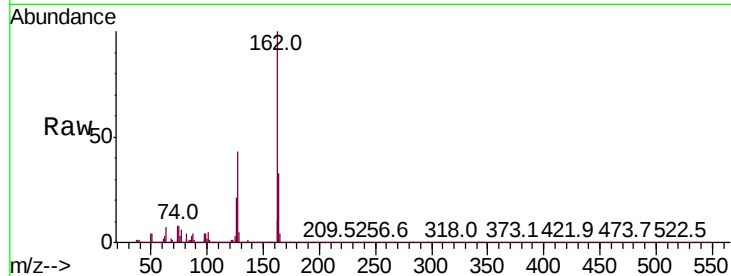
Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 162 Resp: 909462

Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.1	48.1
164	32.8	26.1	39.1



#48

2-Nitroaniline

Concen: 39.103 ng

RT: 12.52 min Scan# 1773

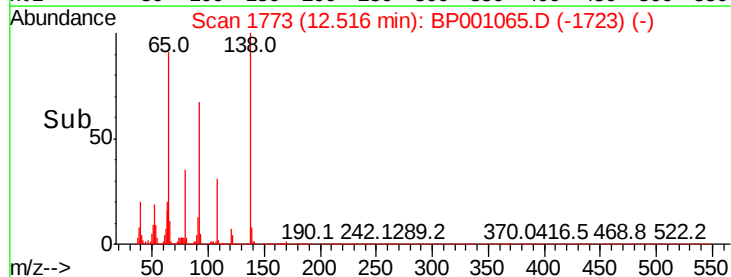
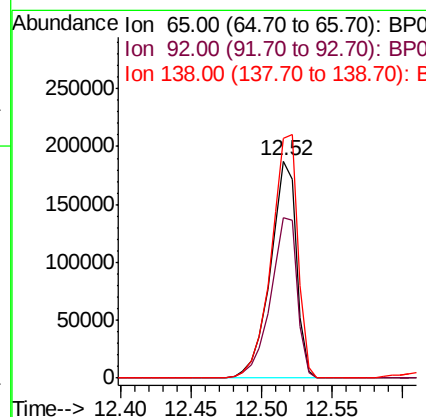
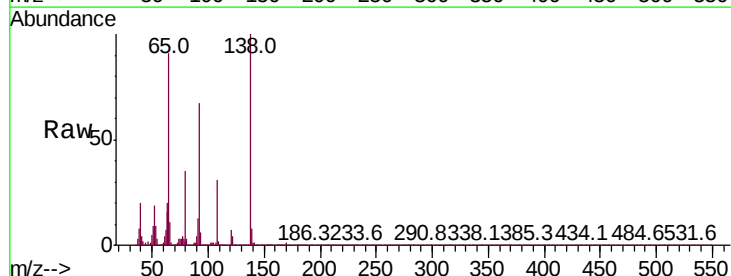
Delta R.T. -0.01 min

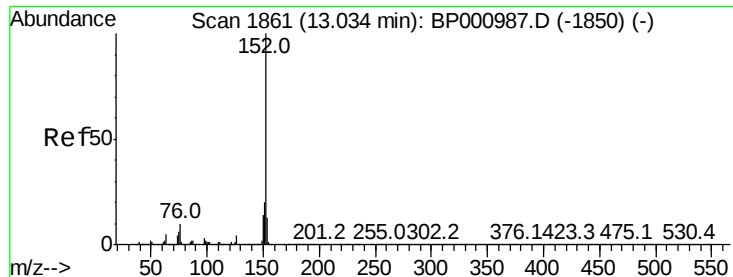
Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion: 65 Resp: 242170

Ion	Ratio	Lower	Upper
65	100		
92	73.6	61.4	92.2
138	110.2	92.5	138.7





#49

Acenaphthylene

Concen: 39.439 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

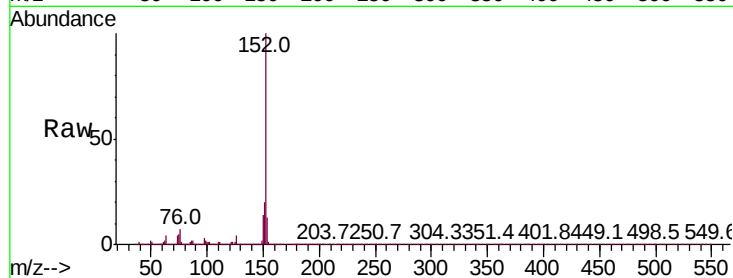
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1418610

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	12.8	10.6	16.0

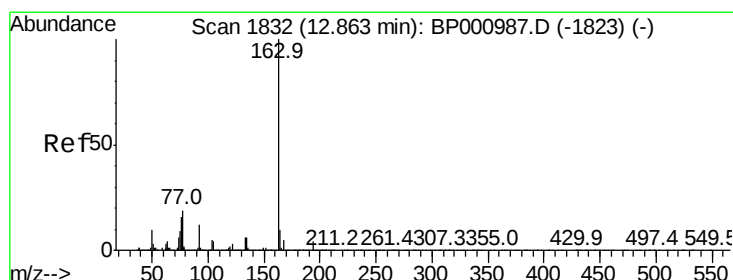
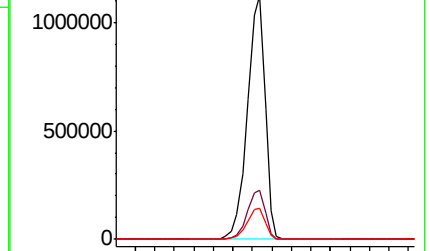
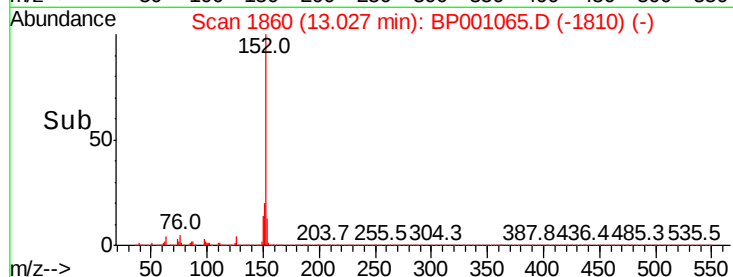


Abundance

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: 37.746 ng

RT: 12.86 min Scan# 1831

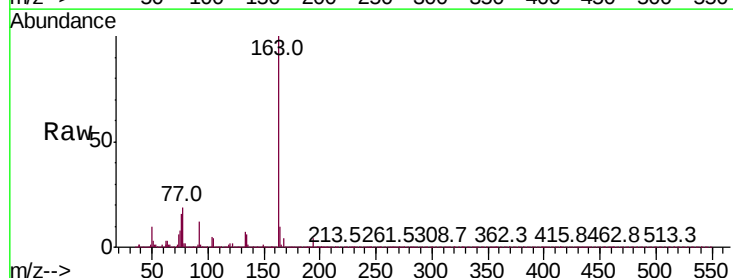
Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:163 Resp: 1097100

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	7.9	11.9

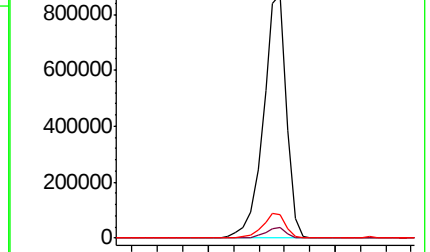
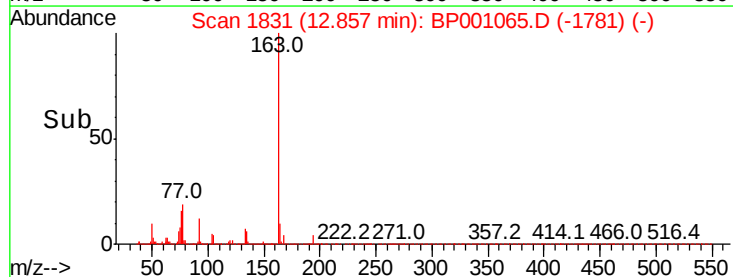


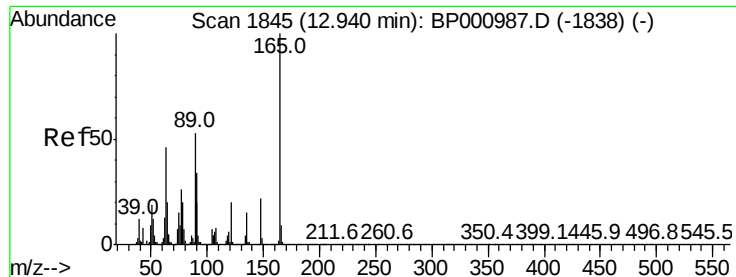
Abundance

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

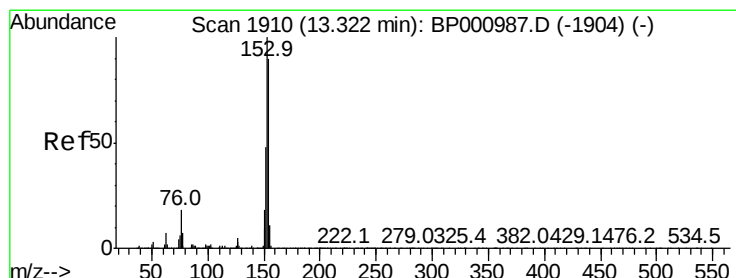
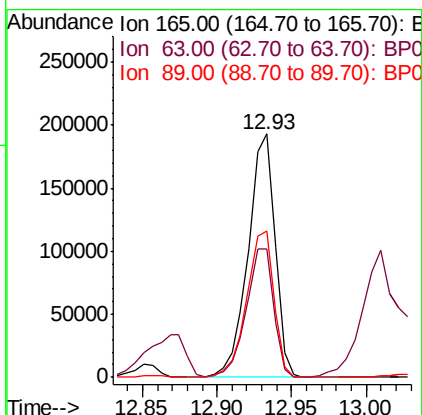
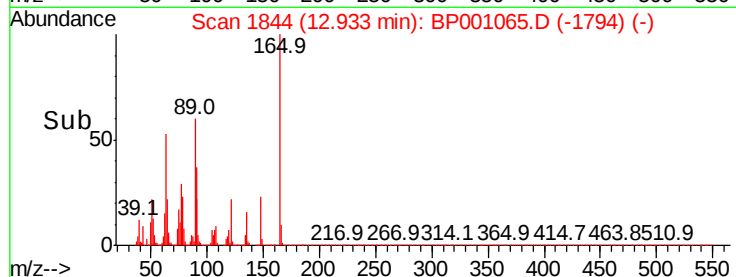
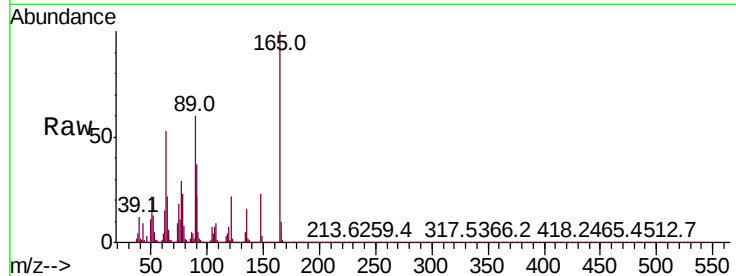




#51
2,6-Dinitrotoluene
Concen: 39.604 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

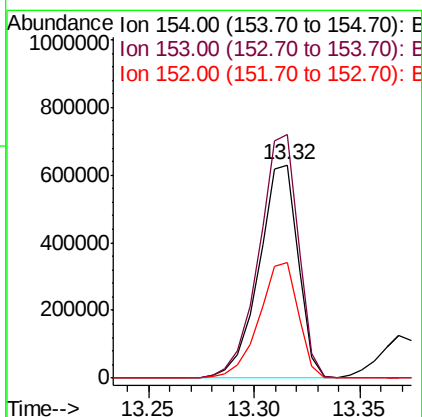
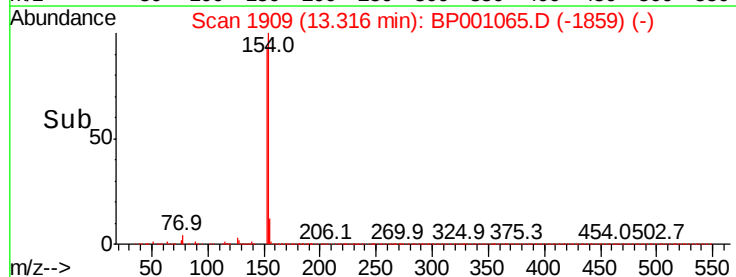
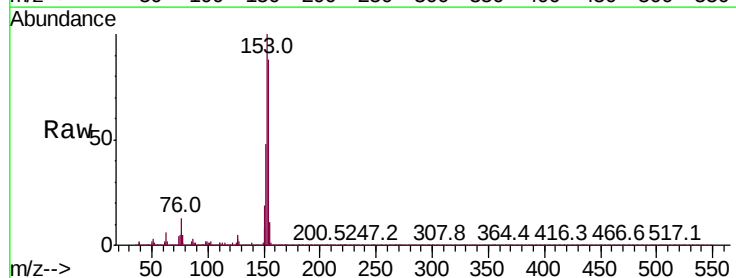
Instrument :
BNA_P
ClientSampleId :

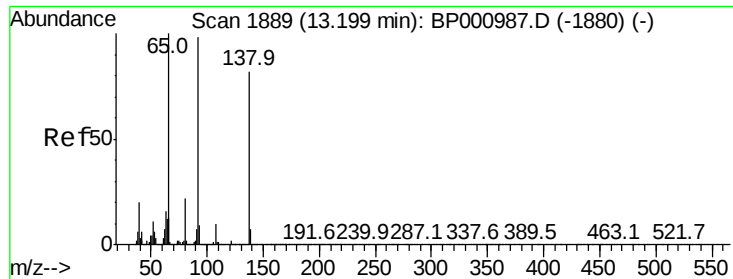
Tot Ion:165 Resp: 240112
Ion Ratio Lower Upper
165 100
63 53.0 36.7 55.1
89 60.2 42.3 63.5



#52
Acenaphthene
Concen: 37.853 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:154 Resp: 814356
Ion Ratio Lower Upper
154 100
153 114.1 88.9 133.3
152 54.3 42.4 63.6

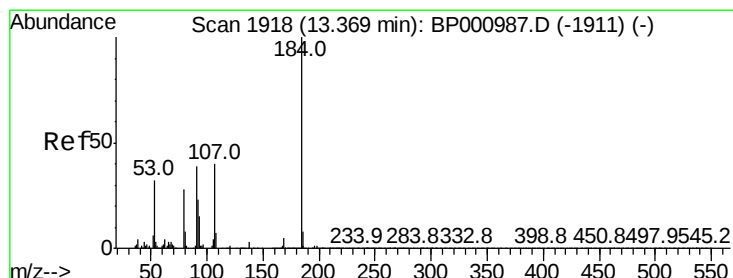
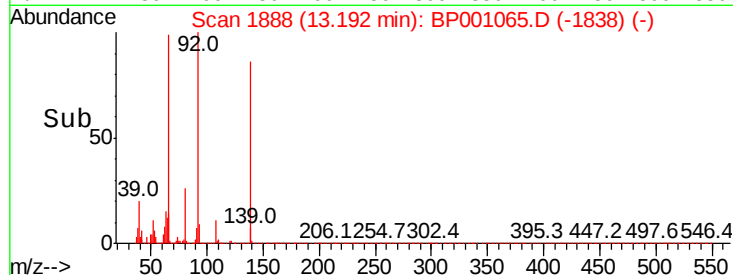
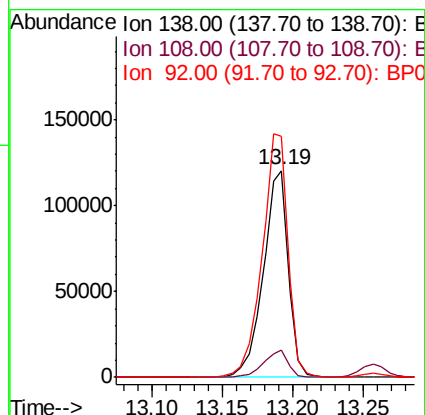
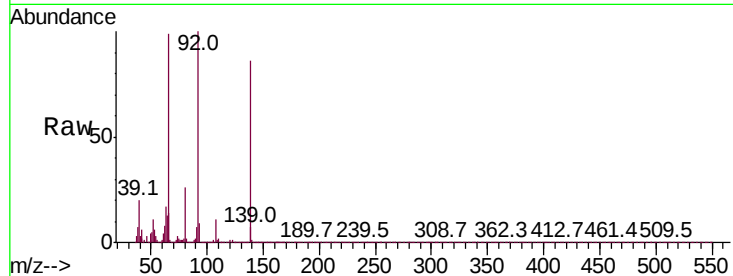




#53
3-Nitroaniline
Concen: 22.754 ng
RT: 13.19 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

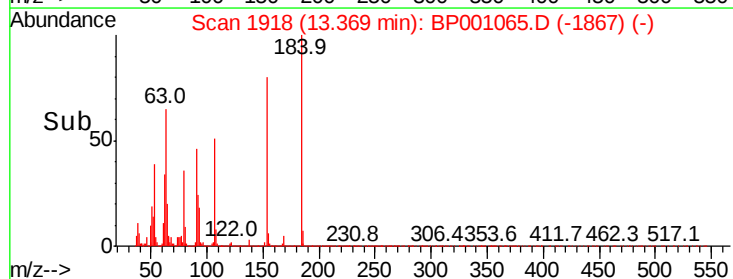
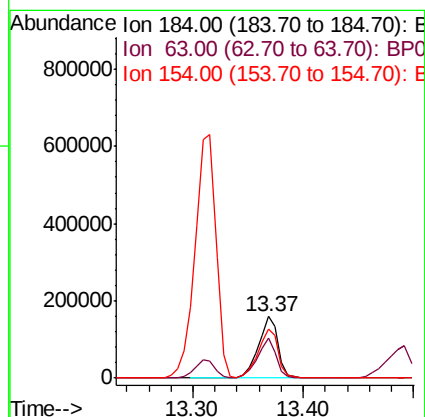
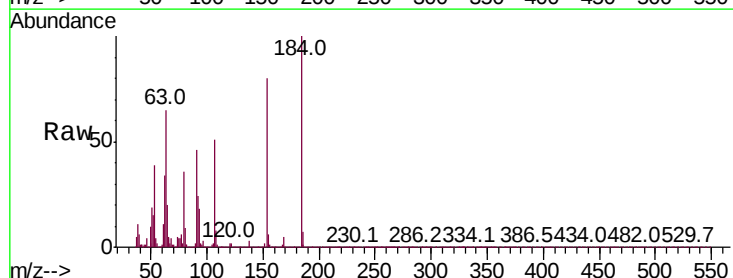
Instrument :
BNA_P
ClientSampleId :

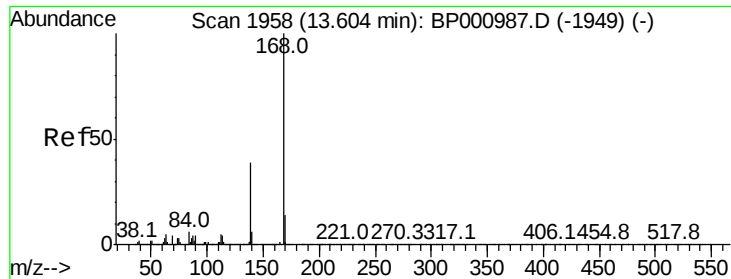
Tot Ion:138 Resp: 150468
Ion Ratio Lower Upper
138 100
108 13.3 10.1 15.1
92 116.9 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 104.659 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:184 Resp: 200971
Ion Ratio Lower Upper
184 100
63 65.3 41.0 61.6#
154 80.4 48.1 72.1#





#55

Dibenzofuran

Concen: 38.746 ng

RT: 13.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

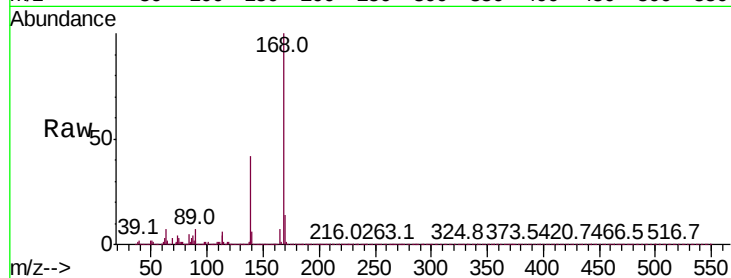
Tot Ion:168 Resp: 1302000

Ion	Ratio	Lower	Upper
168	100		
139	42.2	30.9	46.3
169	13.6	10.9	16.3

168 100

139 42.2 30.9 46.3

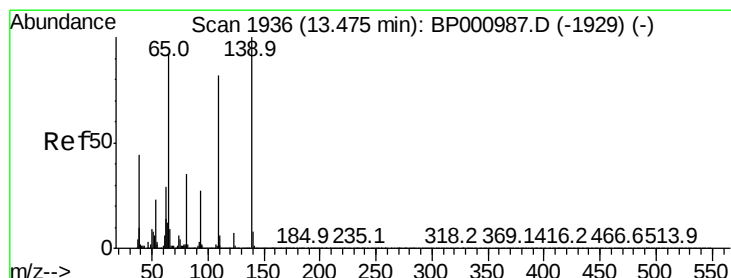
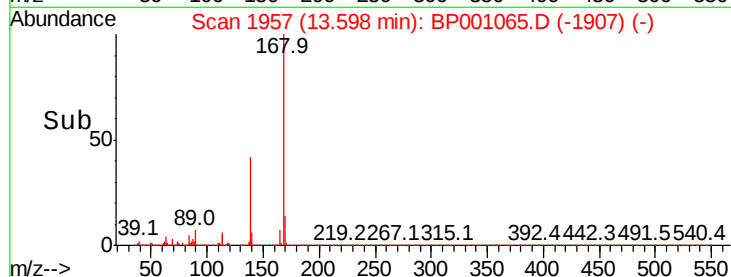
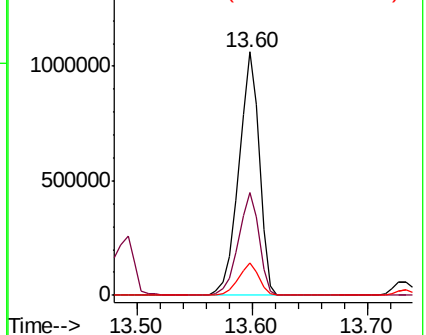
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.674 ng

RT: 13.49 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

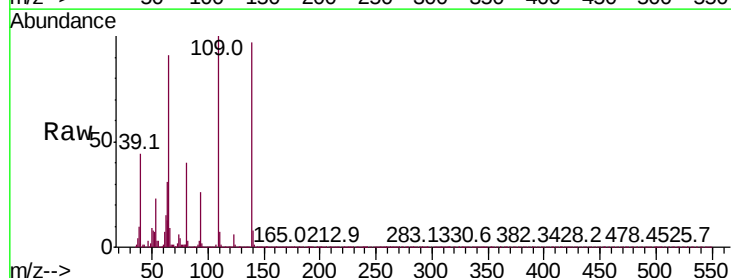
Tgt Ion:139 Resp: 384784

Ion	Ratio	Lower	Upper
139	100		
109	102.9	61.6	101.6#
65	93.6	72.0	112.0

139 100

109 102.9 61.6 101.6#

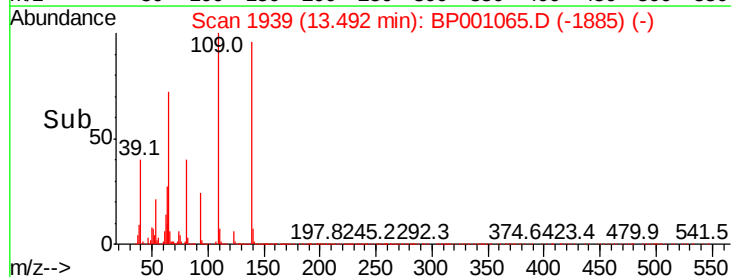
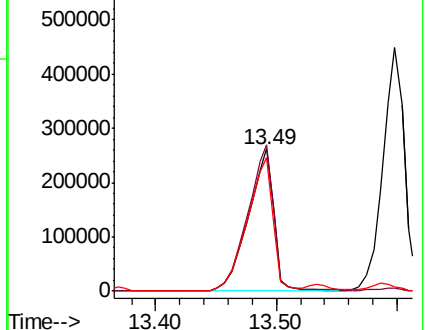
65 93.6 72.0 112.0

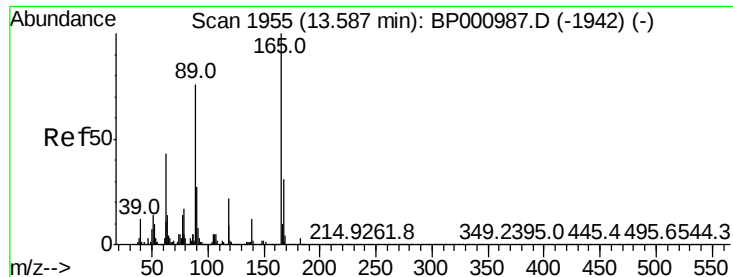


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

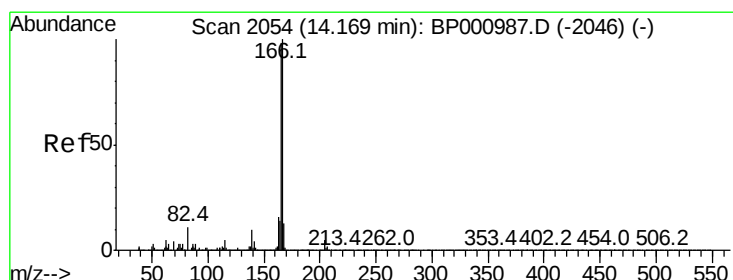
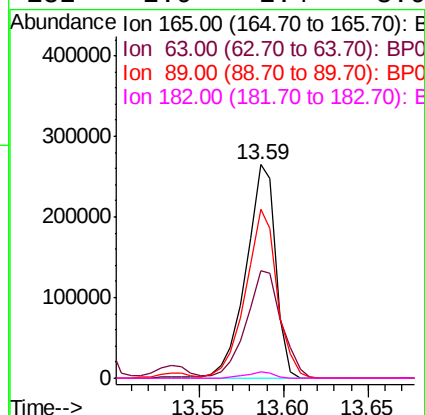
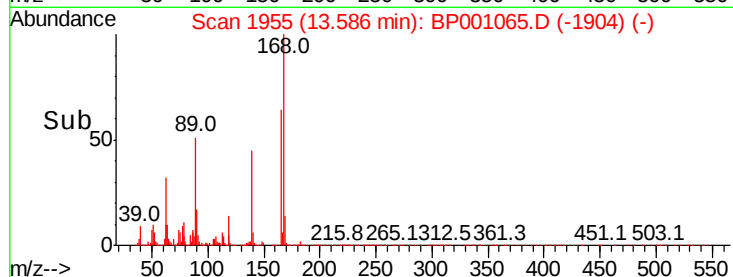
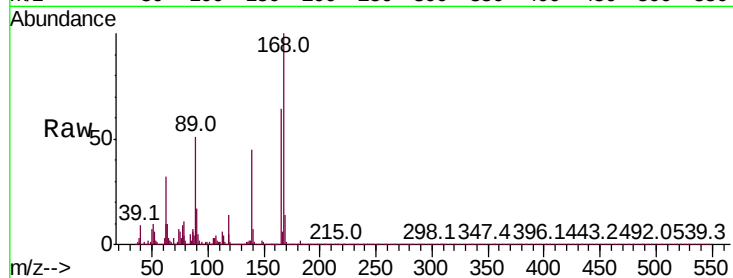




#57
2,4-Dinitrotoluene
Concen: 42.626 ng
RT: 13.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

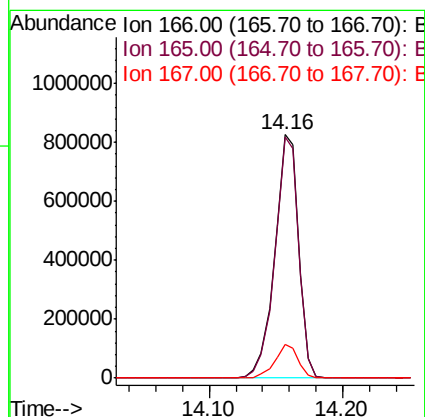
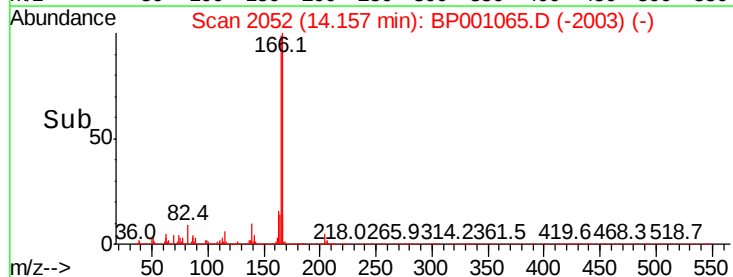
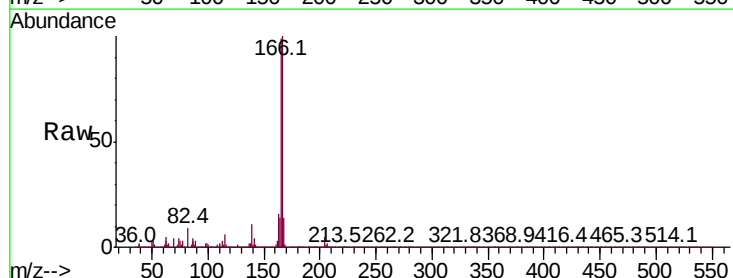
Instrument :
BNA_P
ClientSampleId :

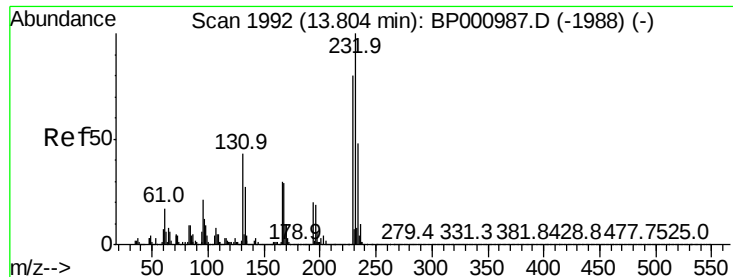
Tot Ion:165 Resp: 324611
Ion Ratio Lower Upper
165 100
63 50.3 34.3 51.5
89 79.1 60.5 90.7
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.450 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:166 Resp: 1028264
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.7 10.7 16.1

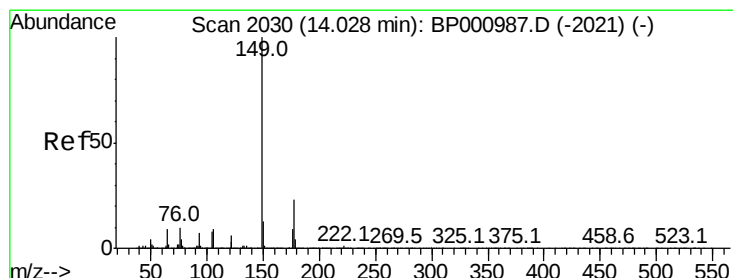
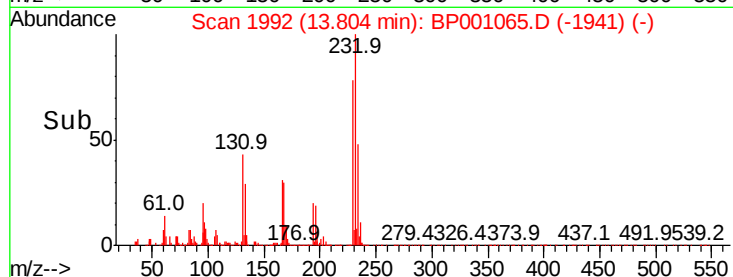
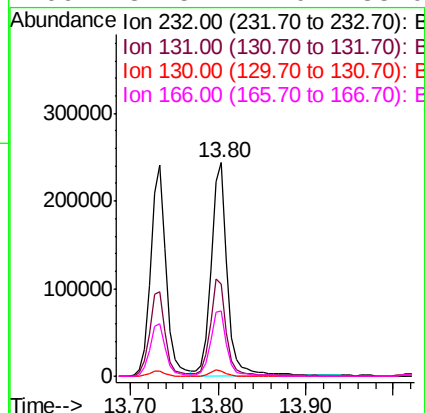
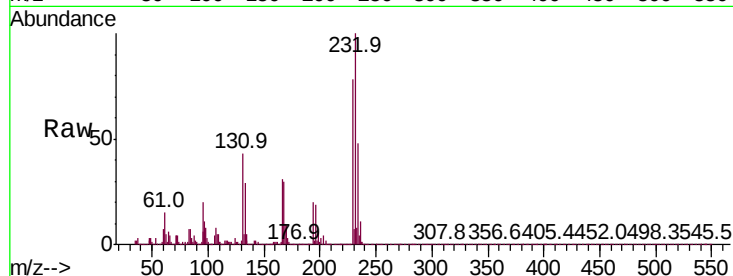




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.630 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

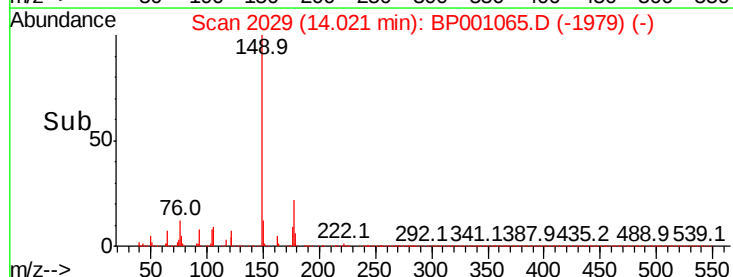
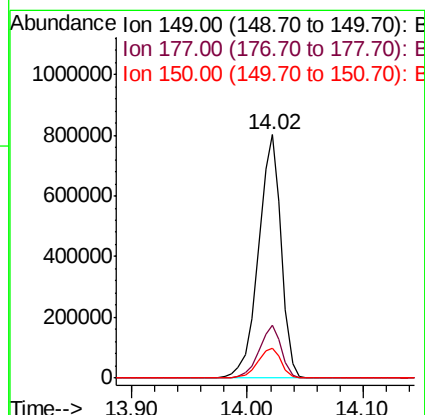
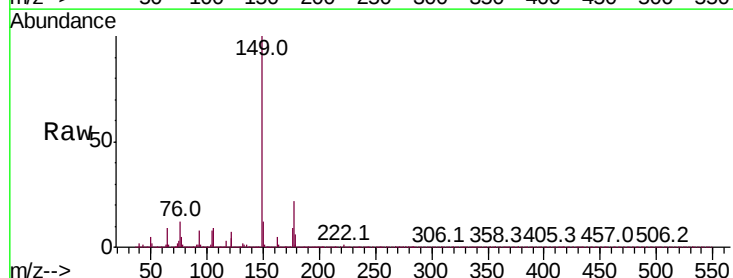
Instrument :
BNA_P
ClientSampleId :

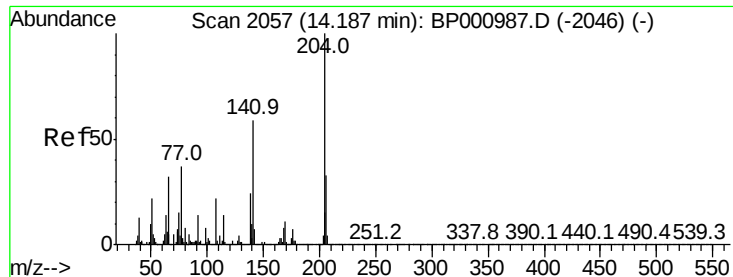
Tot Ion:	232	Resp:	312997
Ion	Ratio	Lower	Upper
232	100		
131	45.5	32.2	48.2
130	2.7	1.7	2.5#
166	31.5	22.0	33.0



#60
Diethylphthalate
Concen: 37.462 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:	149	Resp:	1093735
Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.5	27.7
150	12.3	10.2	15.2

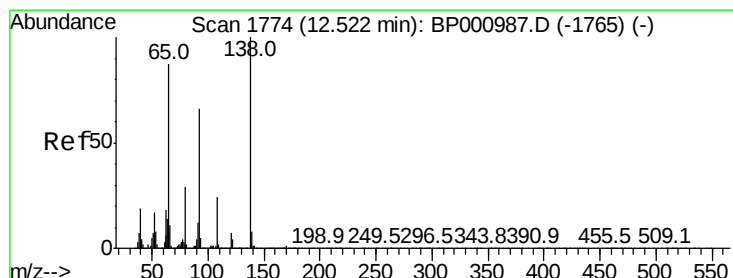
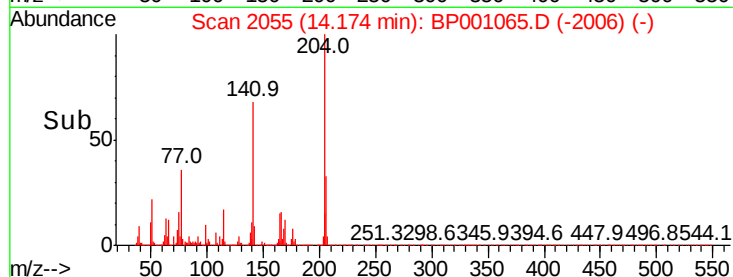
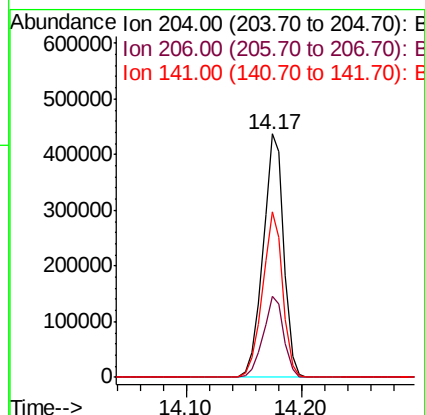
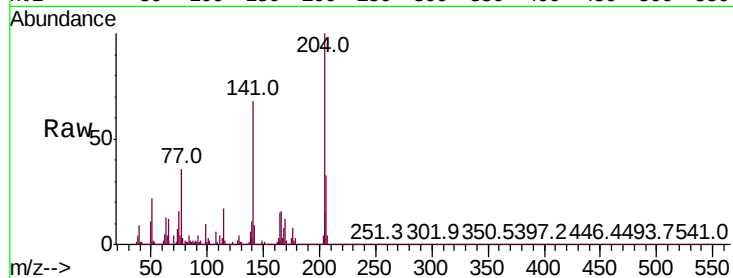




#61
4-Chlorophenyl-phenylether
Concen: 38.714 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

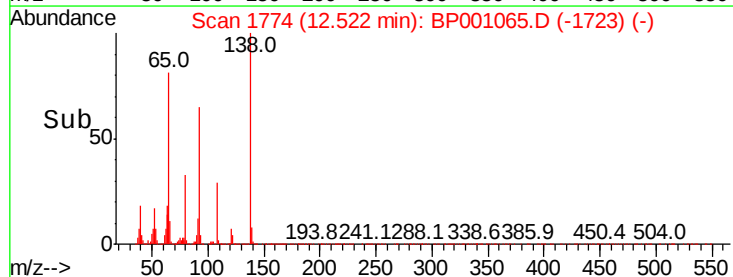
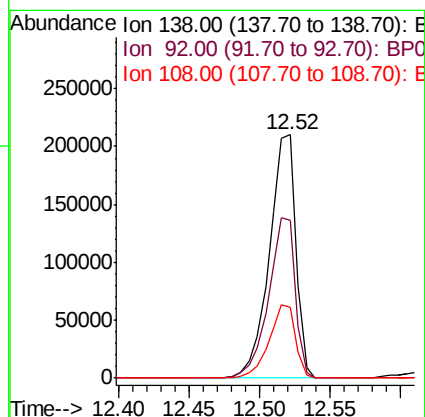
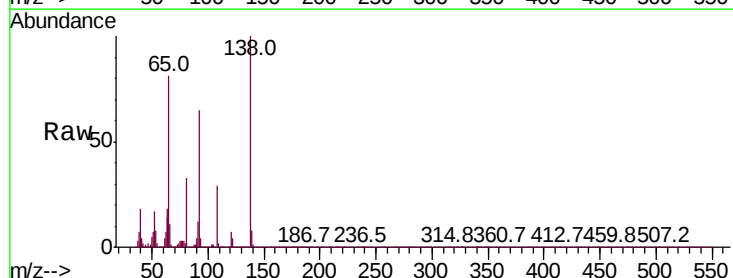
Instrument :
BNA_P
ClientSampled :

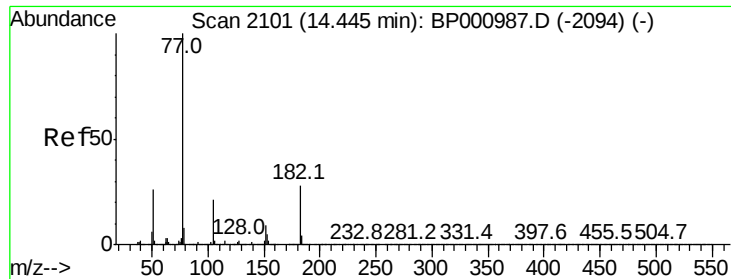
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	67.8	46.9	70.3



#62
4-Nitroaniline
Concen: 39.230 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.1	46.4	86.4
108	29.3	3.9	43.9

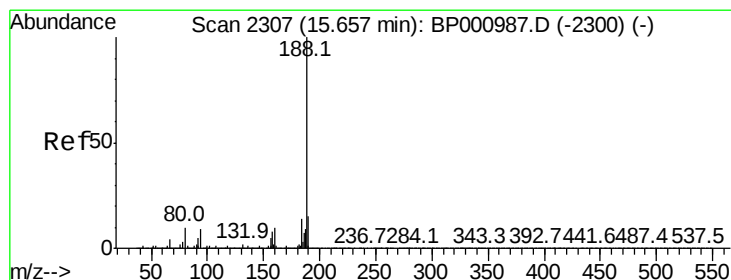
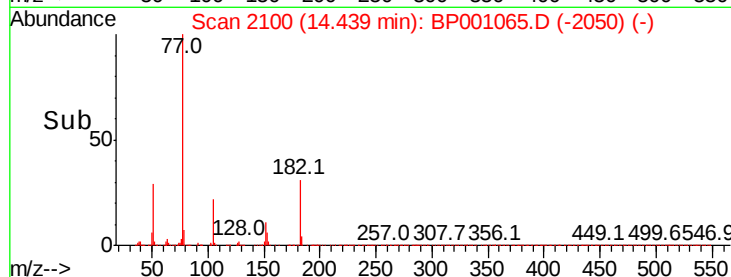
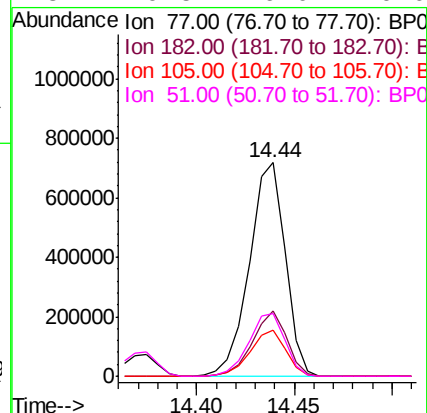
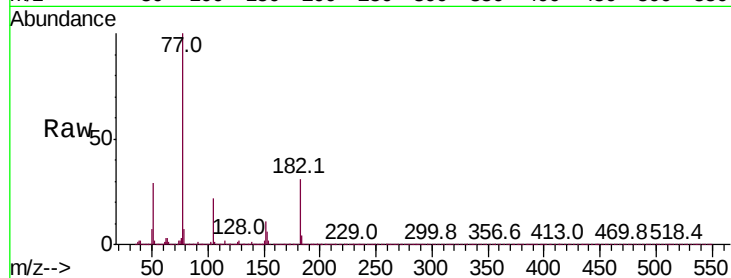




#63
Azobenzene
Concen: 35.891 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

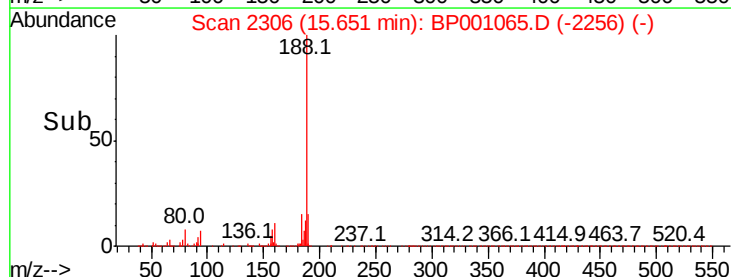
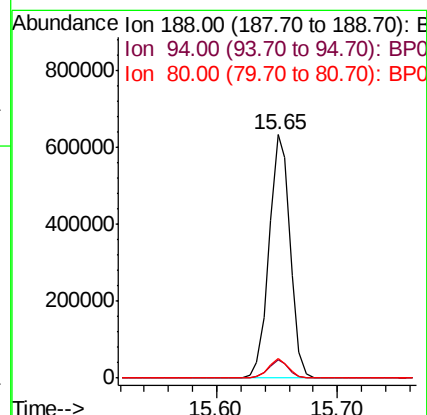
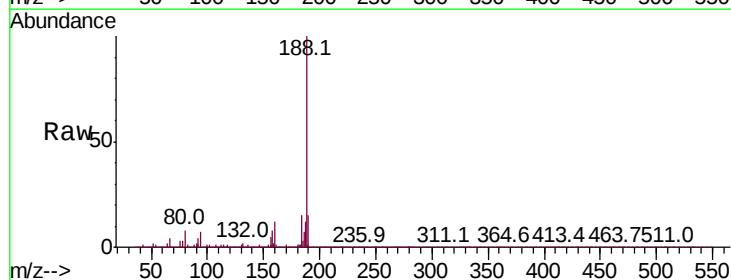
Instrument :
BNA_P
ClientSampleId :

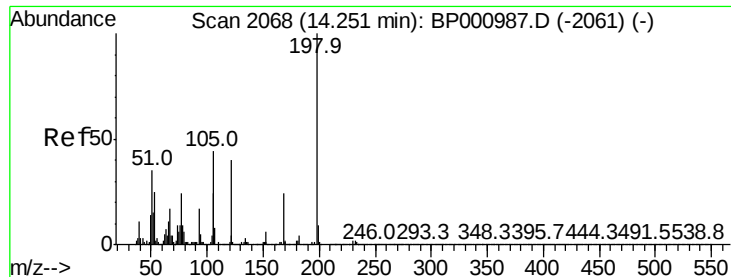
Tot Ion:	77	Resp:	917094
Ion	Ratio	Lower	Upper
77	100		
182	30.6	8.4	48.4
105	21.7	1.0	41.0
51	29.5	6.0	46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:	188	Resp:	768612
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.4	11.2#
80	7.9	7.9	11.9

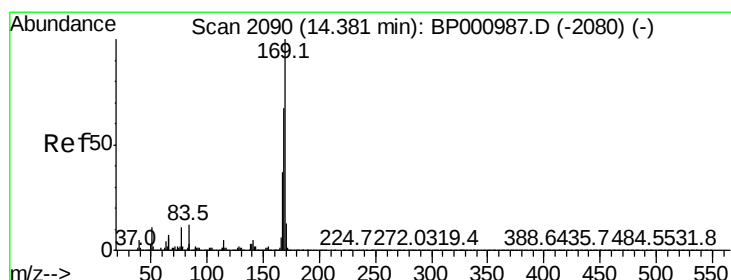
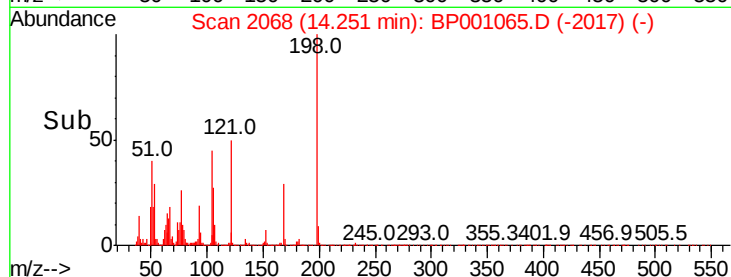
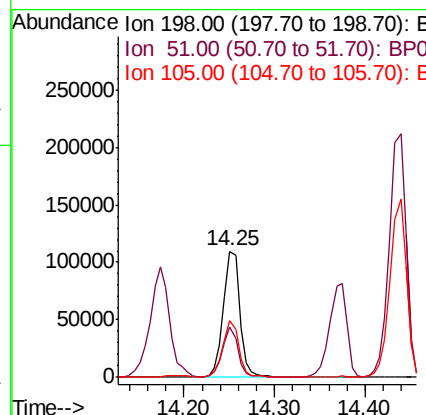
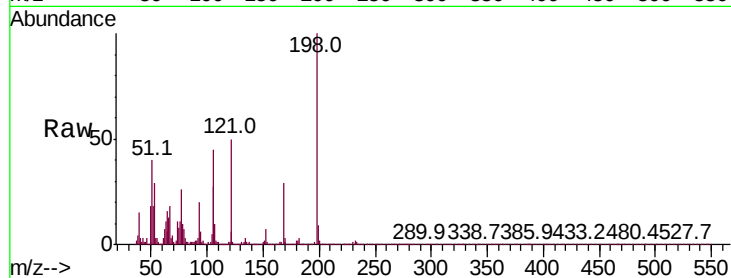




#65
4,6-Dinitro-2-methylphenol
Concen: 56.090 ng
RT: 14.25 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

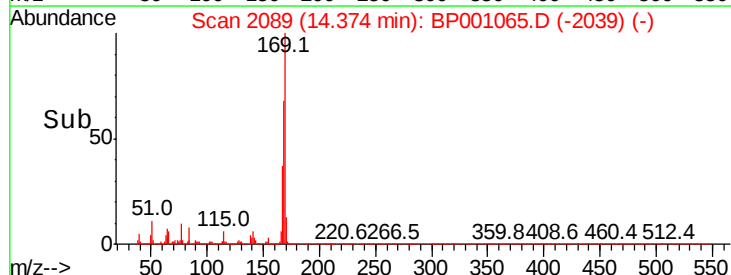
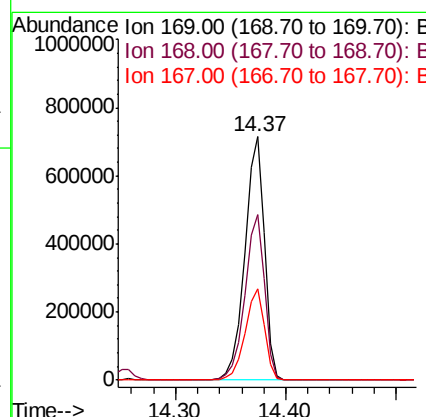
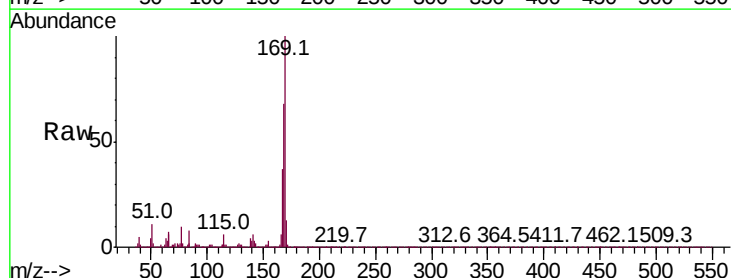
Instrument :
BNA_P
ClientSampled :

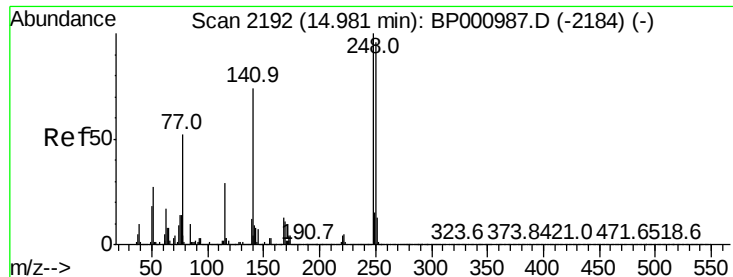
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	16.0	56.0
105	44.6	24.9	64.9



#66
n-Nitrosodiphenylamine
Concen: 40.222 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.3	79.9
167	37.3	29.4	44.2

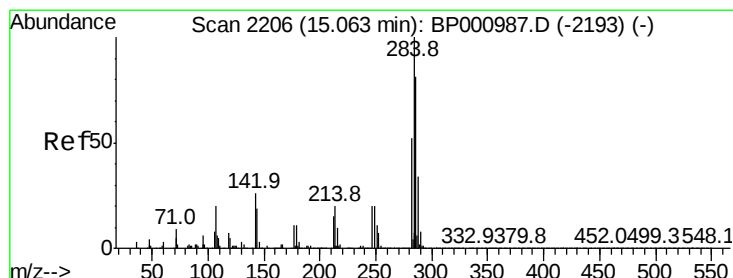
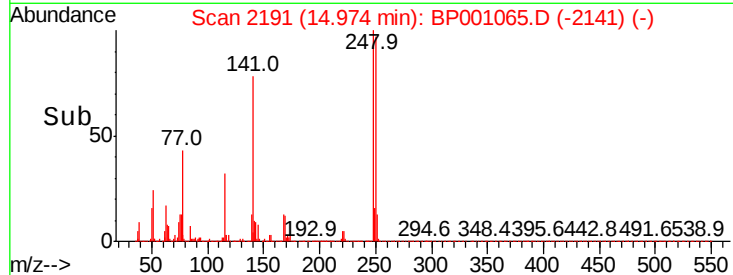
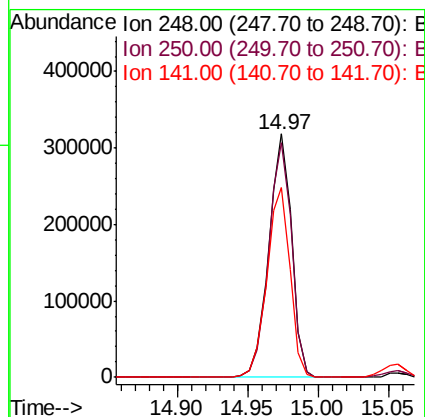
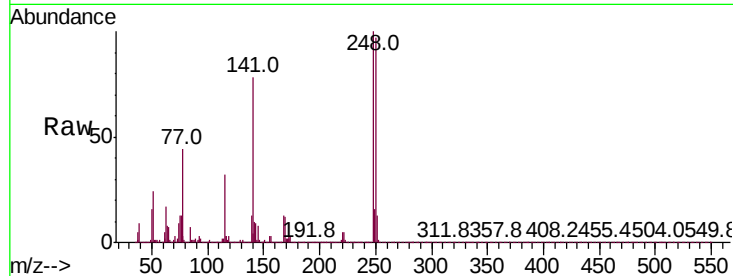




#67
4-Bromophenyl-phenylether
Concen: 39.939 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

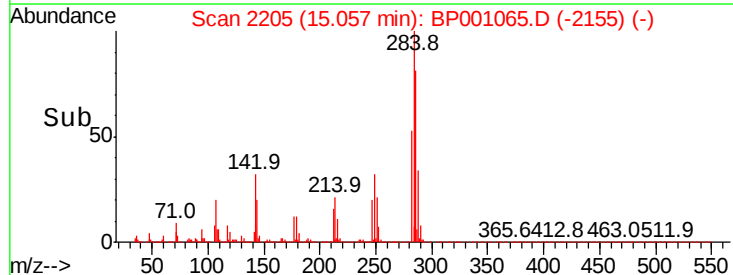
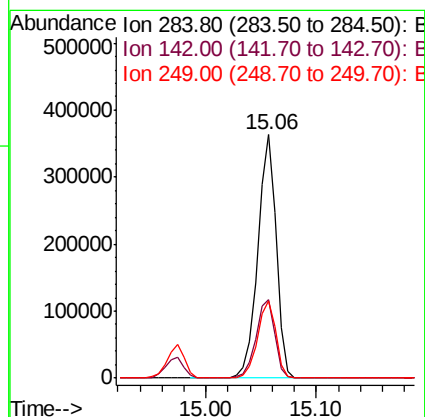
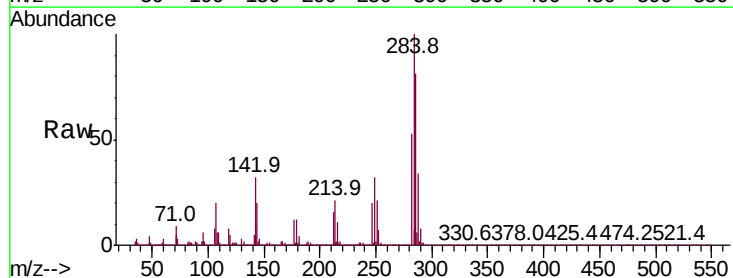
Instrument :
BNA_P
ClientSampleId :

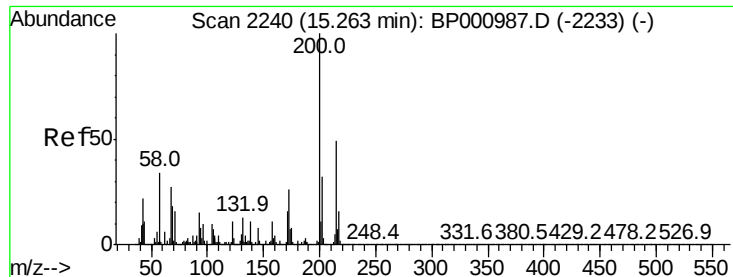
Tot Ion:248 Resp: 361370
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.6
141 77.9 59.4 89.0



#68
Hexachlorobenzene
Concen: 40.321 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:284 Resp: 422788
Ion Ratio Lower Upper
284 100
142 32.0 25.8 38.8
249 31.7 25.4 38.0

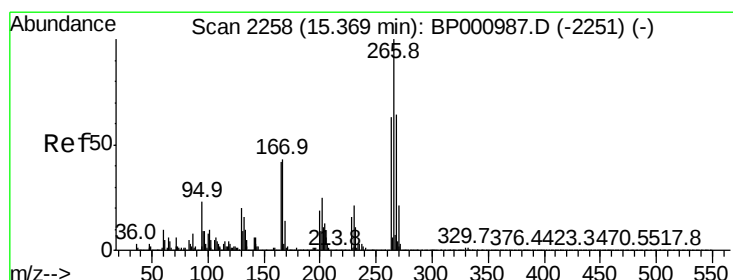
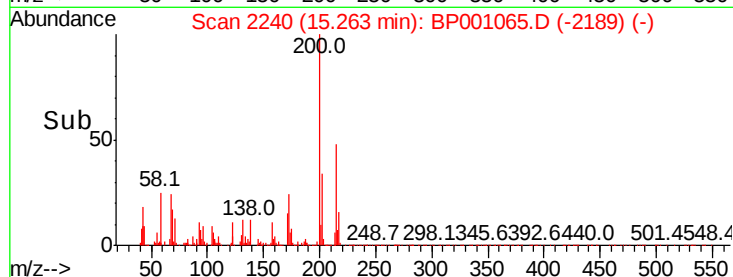
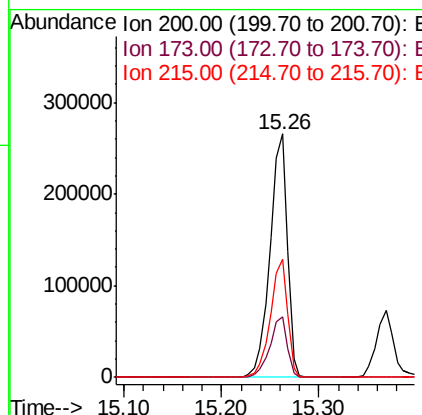
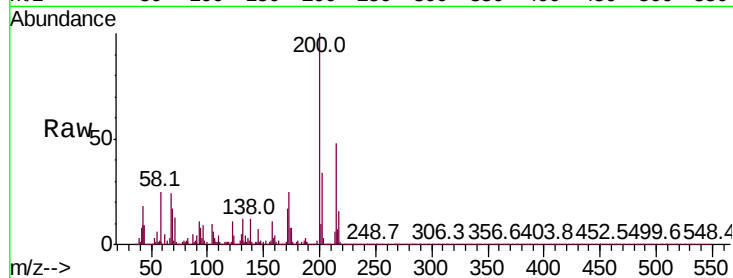




#69
 Atrazine
 Concen: 41.404 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

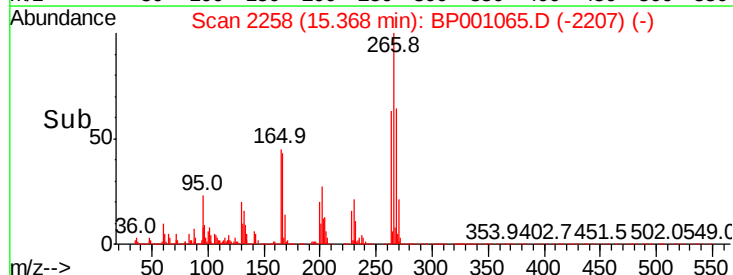
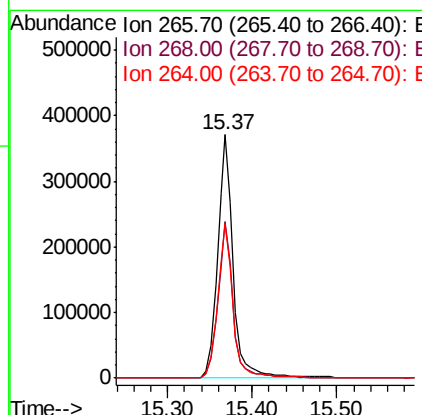
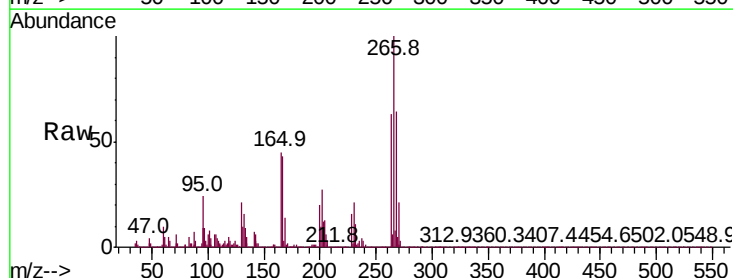
Instrument :
 BNA_P
 ClientSampleId :

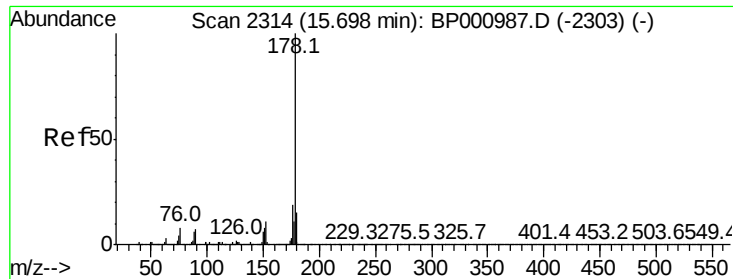
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.8	45.8
215	48.4	28.6	68.6



#70
 Pentachlorophenol
 Concen: 103.903 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.9	76.3
264	63.4	50.6	76.0





#71

Phenanthrene

Concen: 39.479 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

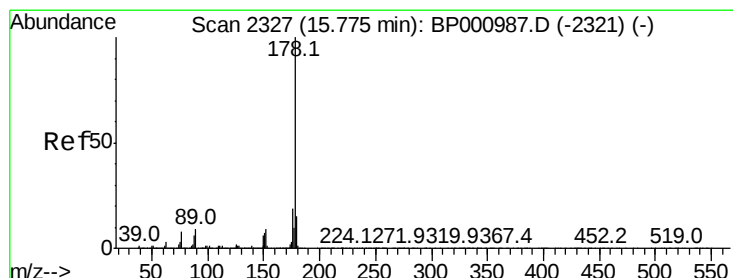
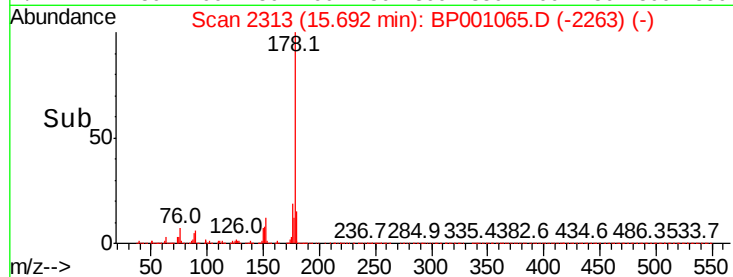
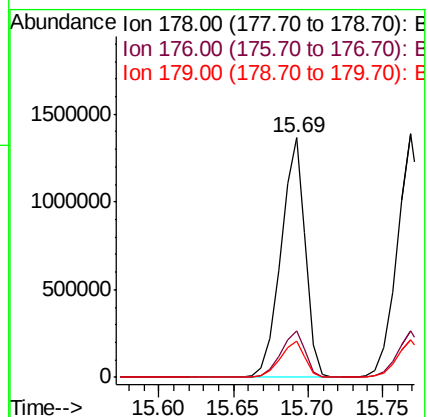
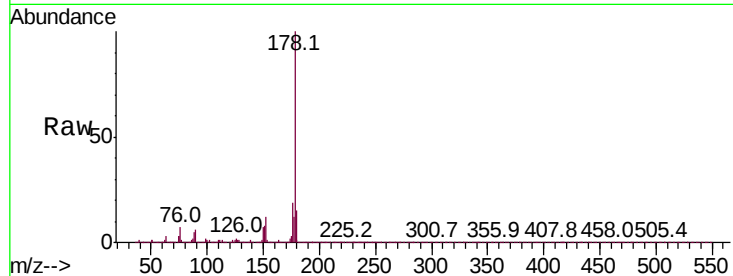
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1553027

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.3	18.5



#72

Anthracene

Concen: 41.242 ng

RT: 15.77 min Scan# 2326

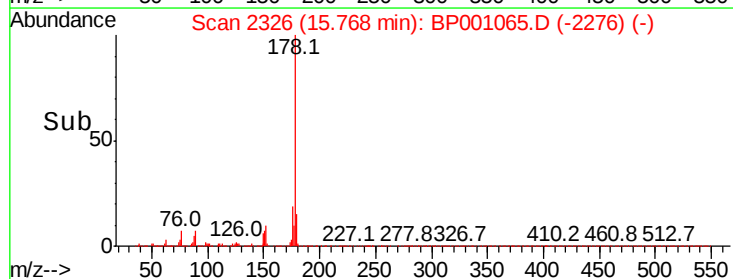
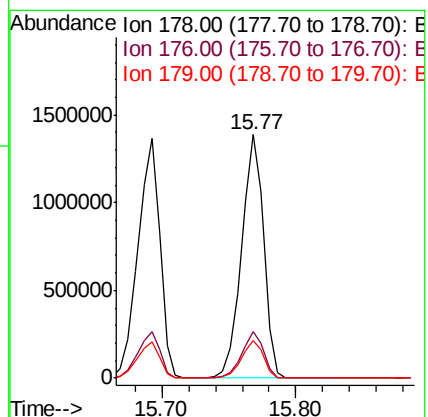
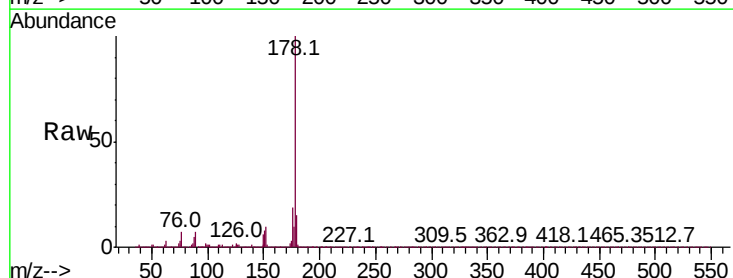
Delta R.T. -0.01 min

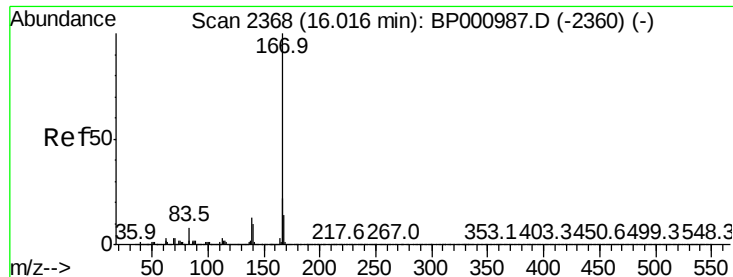
Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:178 Resp: 1582682

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.4	12.3	18.5

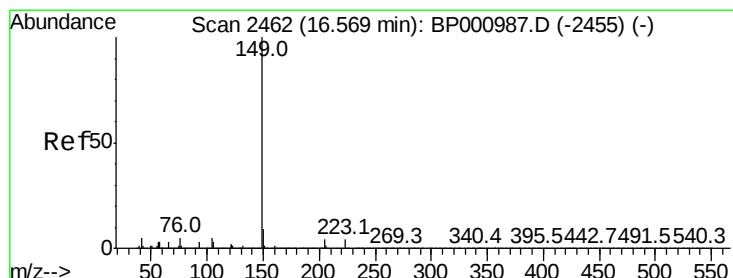
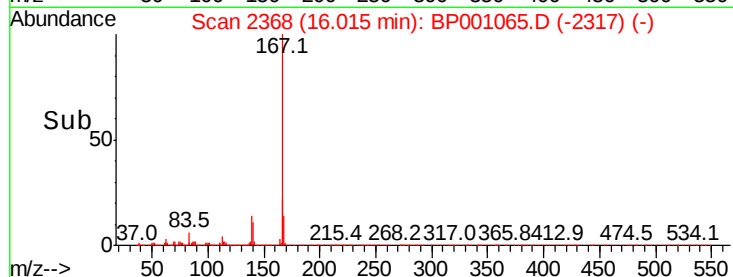
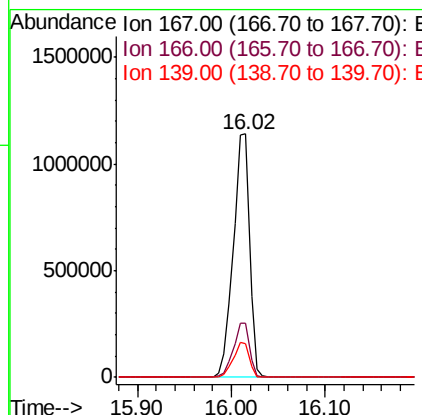
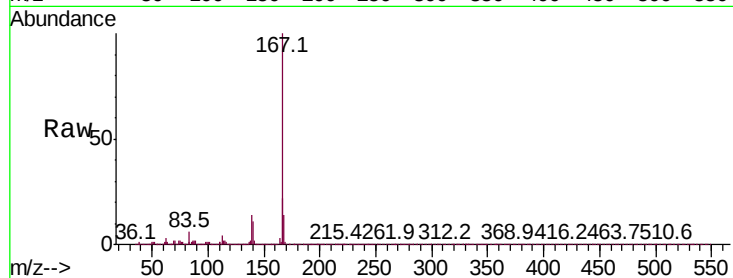




#73
 Carbazole
 Concen: 39.360 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

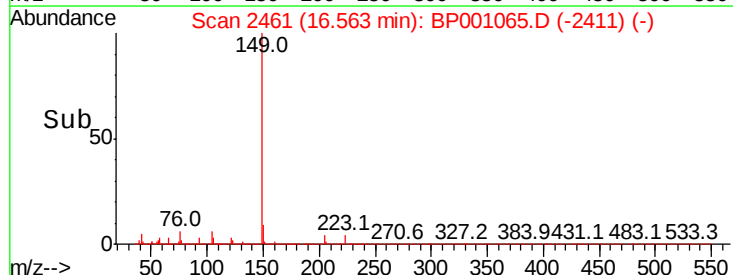
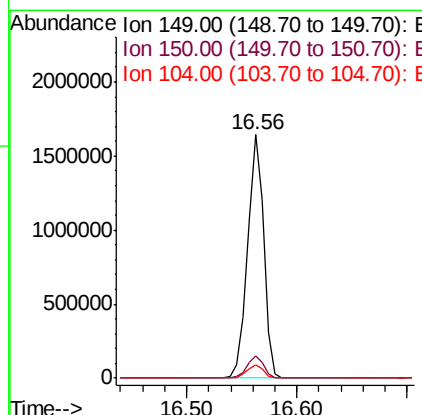
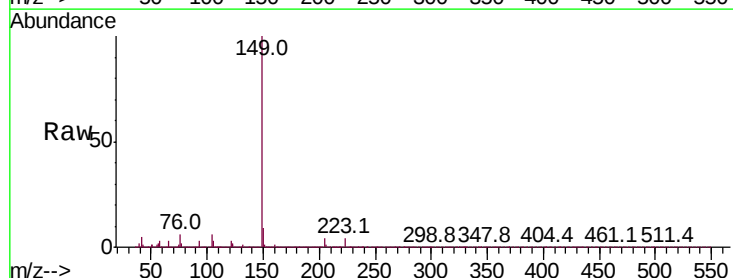
Instrument :
 BNA_P
 ClientSampleId :

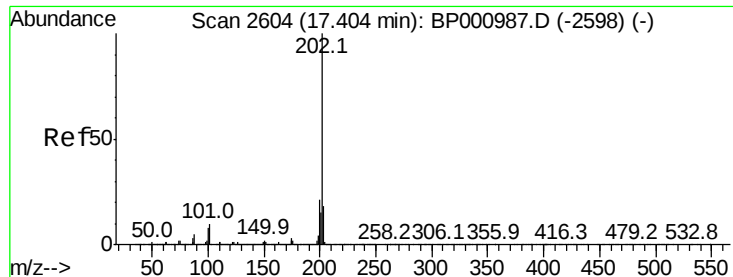
Tot Ion:167 Resp: 1384824
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 39.668 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion:149 Resp: 1684381
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 40.483 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

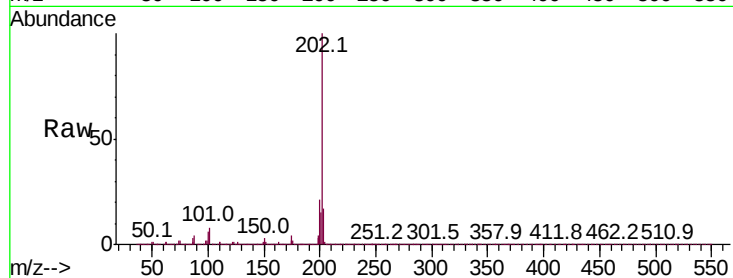
Tot Ion:202 Resp: 1800040

Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.1

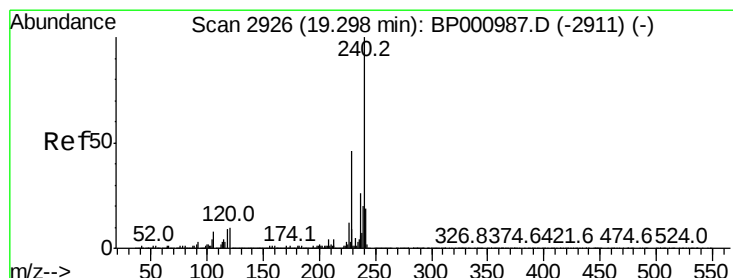
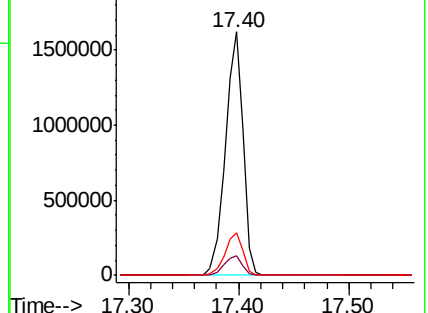
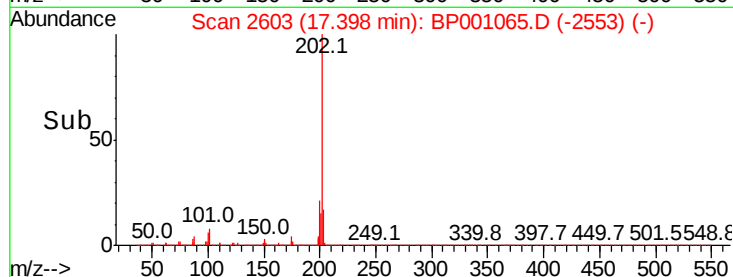
203 17.5 0.0 37.7



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: 19.30 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

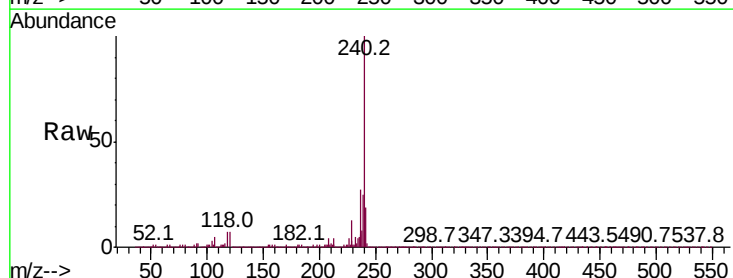
Tgt Ion:240 Resp: 678542

Ion Ratio Lower Upper

240 100

120 7.1 8.2 12.2#

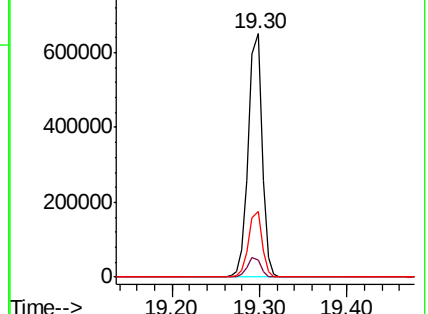
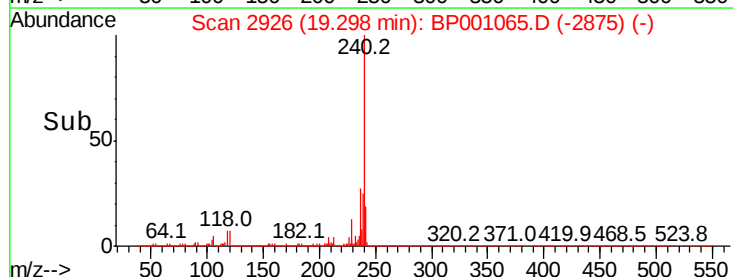
236 26.9 20.5 30.7

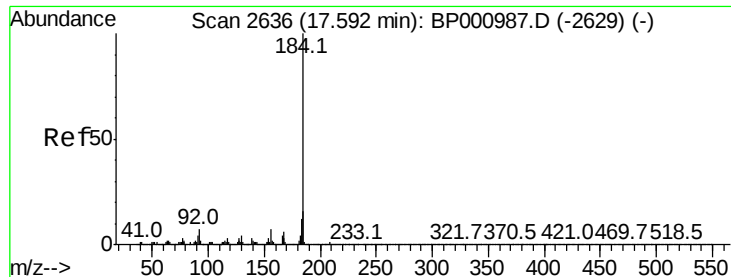


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.657 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

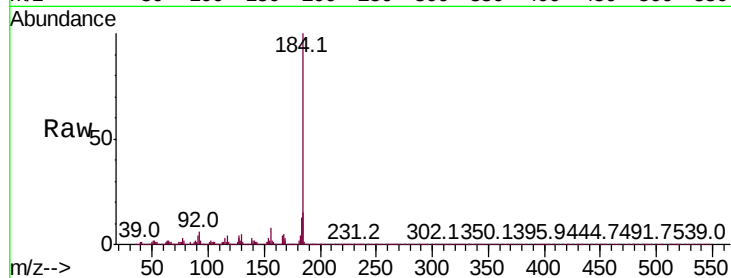
Tot Ion:184 Resp: 441223

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

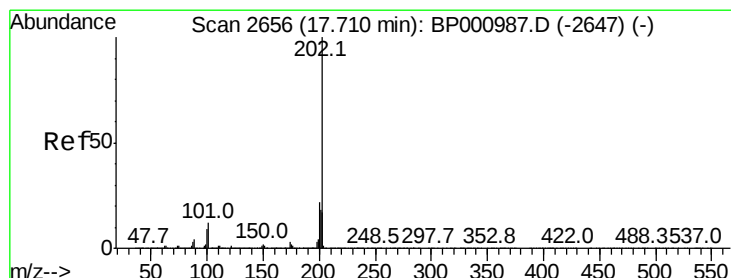
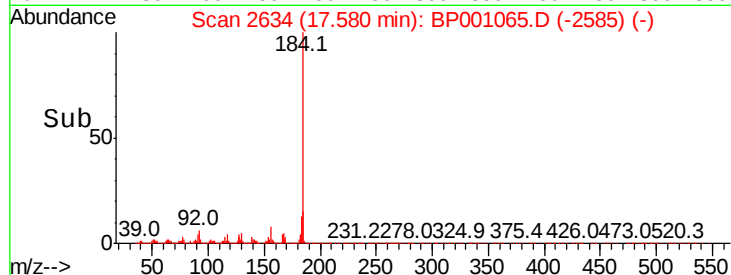
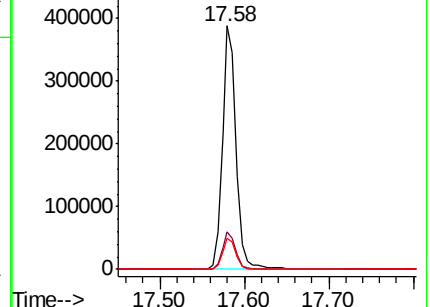
183 12.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.882 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

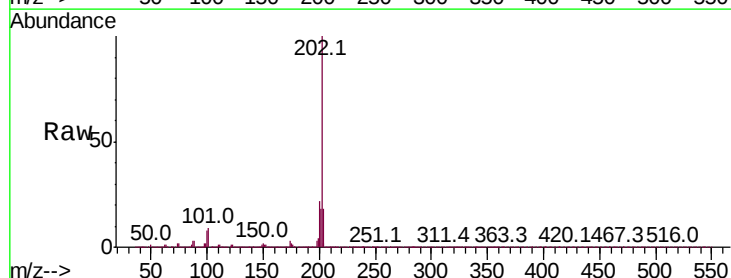
Tgt Ion:202 Resp: 1816545

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

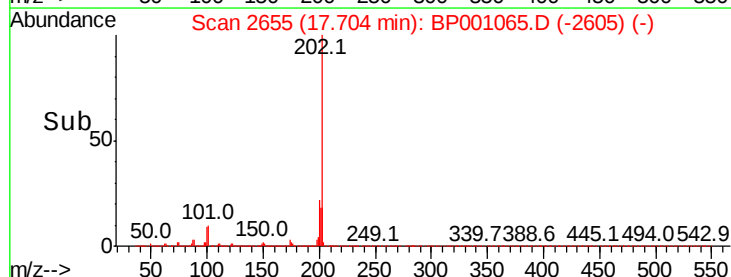
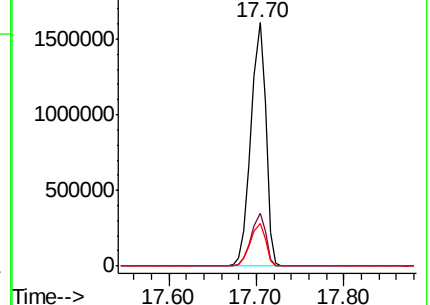
203 17.7 14.0 21.0

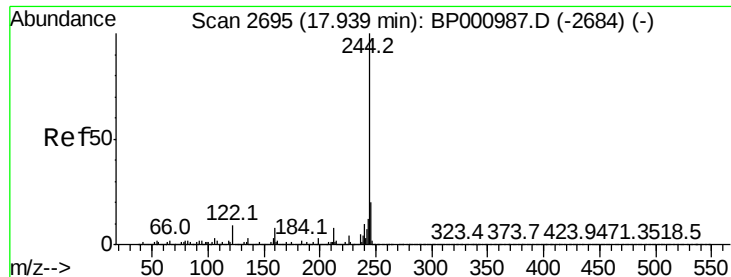


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



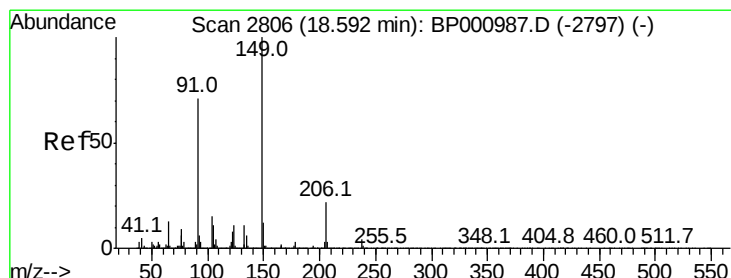
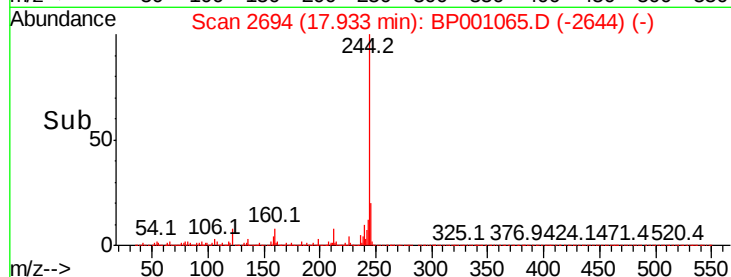
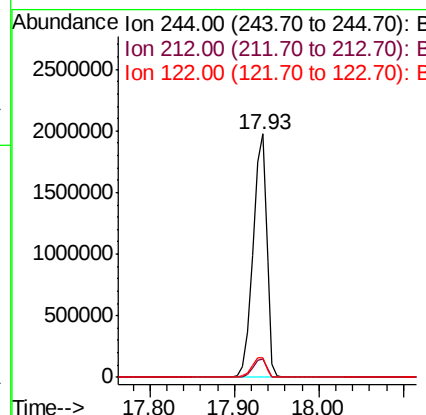
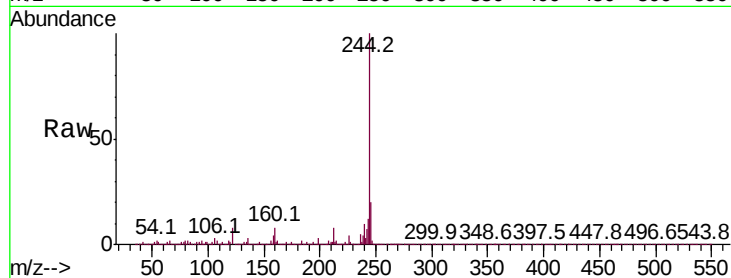


#79
 Terphenyl-d14
 Concen: 64.724 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 2207871

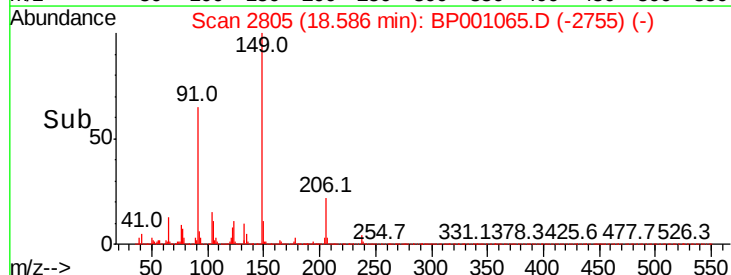
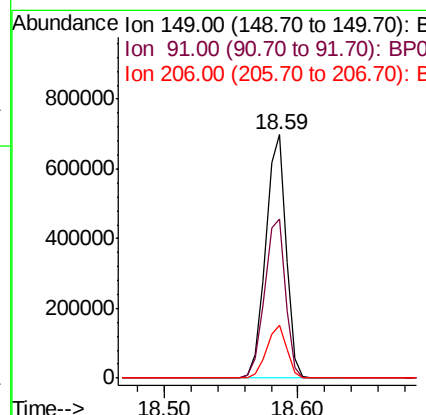
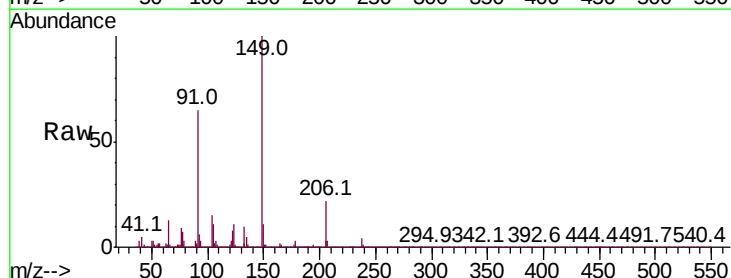
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.1	7.4	11.2

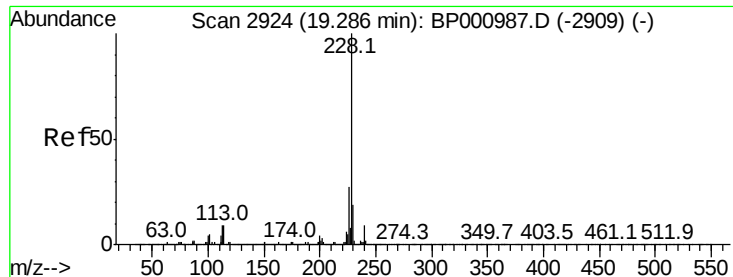


#80
 Butylbenzylphthalate
 Concen: 38.424 ng
 RT: 18.59 min Scan# 2805
 Delta R.T. -0.01 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion:149 Resp: 729572

Ion	Ratio	Lower	Upper
149	100		
91	65.1	56.6	84.8
206	22.0	18.0	27.0





#81

Benzo(a)anthracene

Concen: 37.712 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

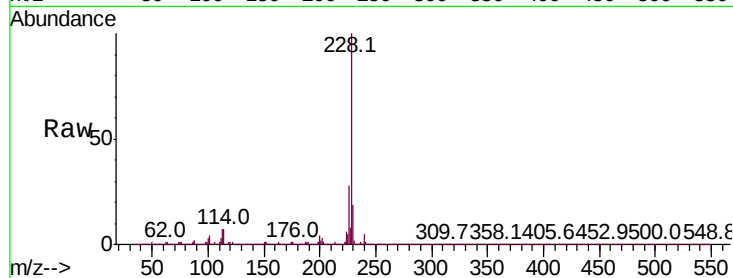
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1723435

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.3	15.6	23.4

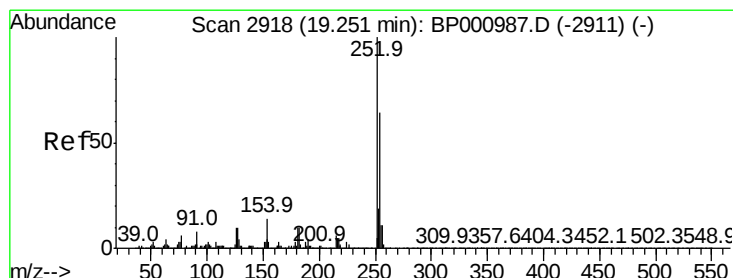
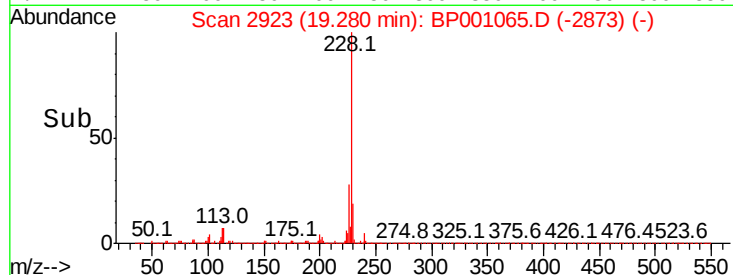
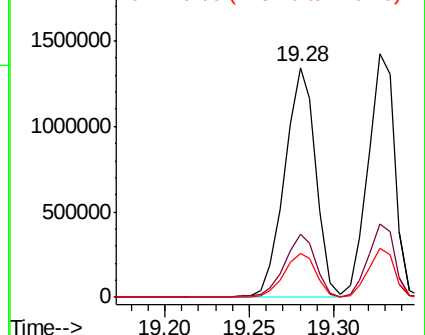


Abundance

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: 36.075 ng

RT: 19.25 min Scan# 2918

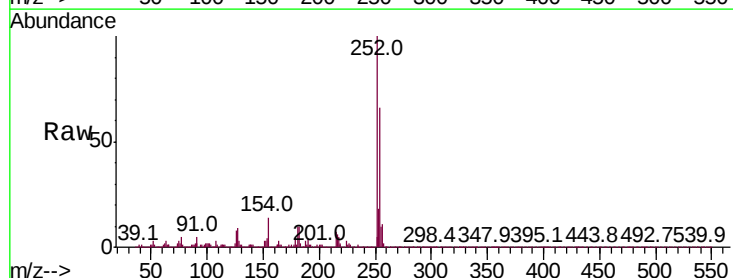
Delta R.T. -0.00 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Tgt Ion:252 Resp: 601085

Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.1	76.7
126	8.4	8.3	12.5

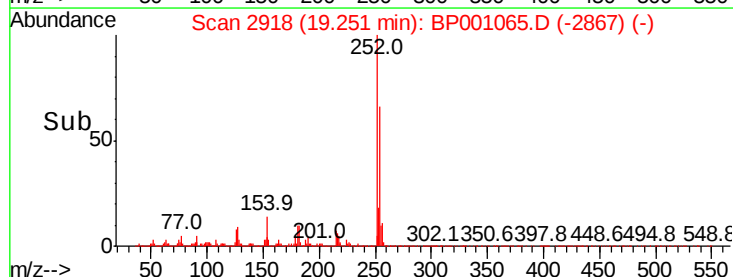
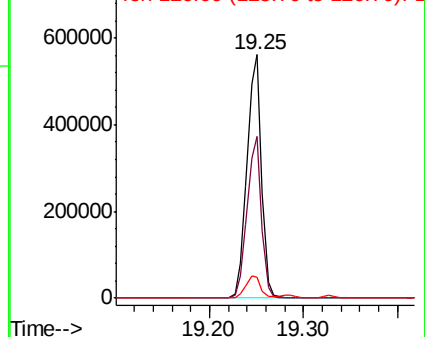


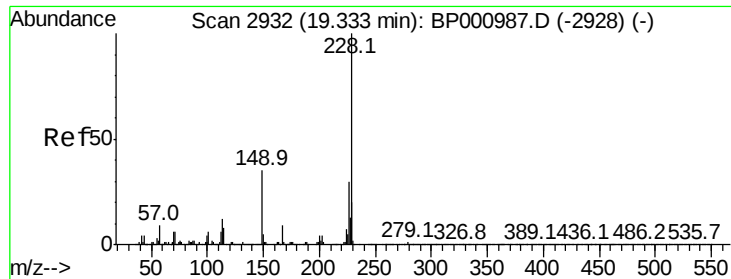
Abundance

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



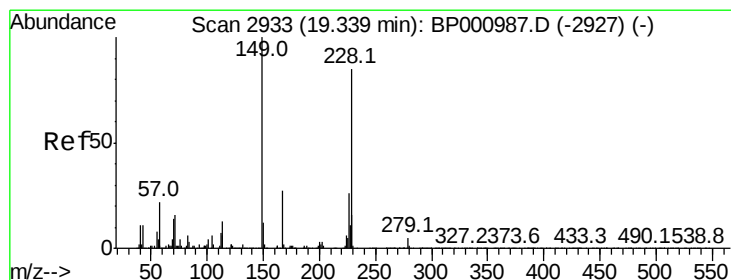
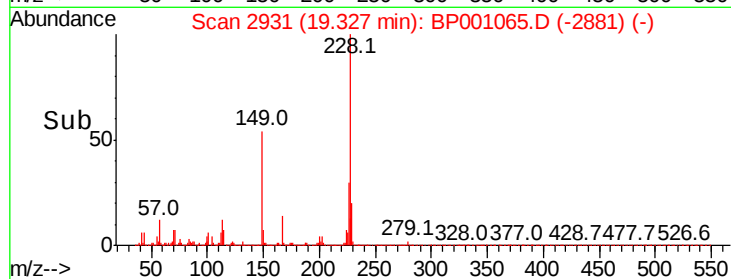
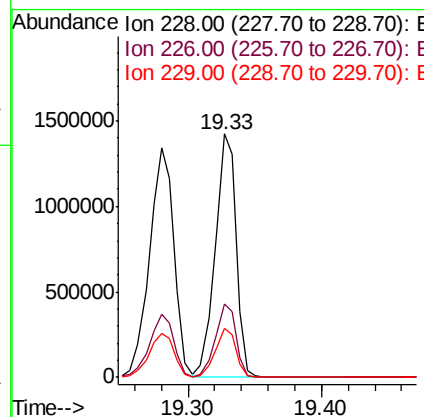
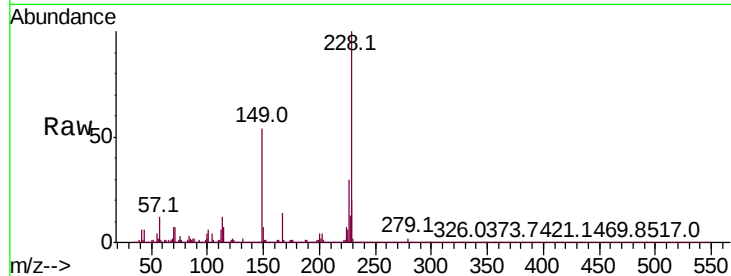


#83
 Chrysene
 Concen: 39.135 ng
 RT: 19.33 min Scan# 2931
 Delta R.T. -0.01 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1570147

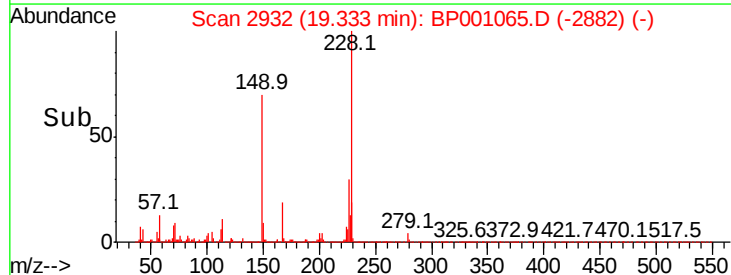
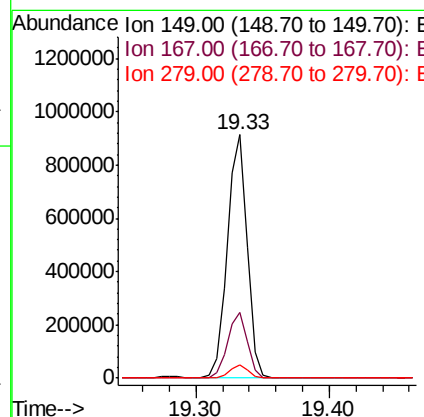
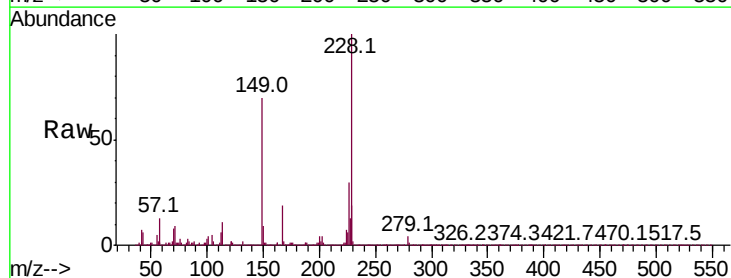
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.9	15.8	23.6

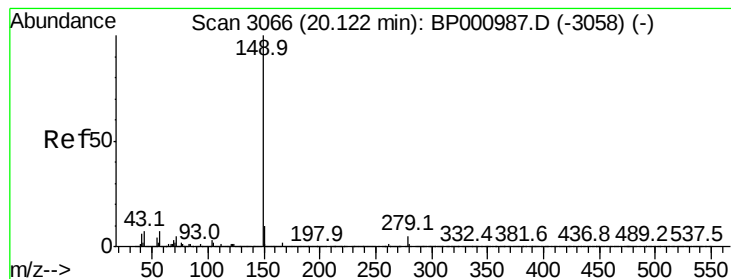


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.747 ng
 RT: 19.33 min Scan# 2932
 Delta R.T. -0.01 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion:149 Resp: 959563

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.2
279	5.3	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 38.622 ng

RT: 20.12 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

Instrument :

BNA_P

ClientSampleId :

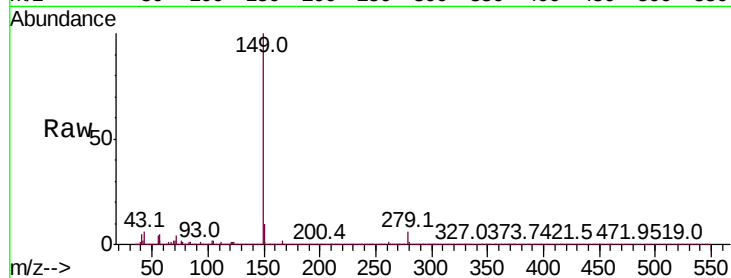
Tot Ion:149 Resp: 1678580

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

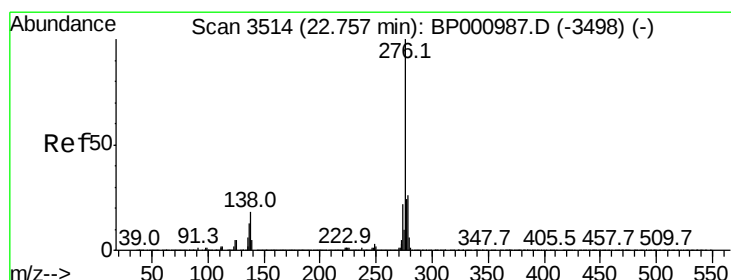
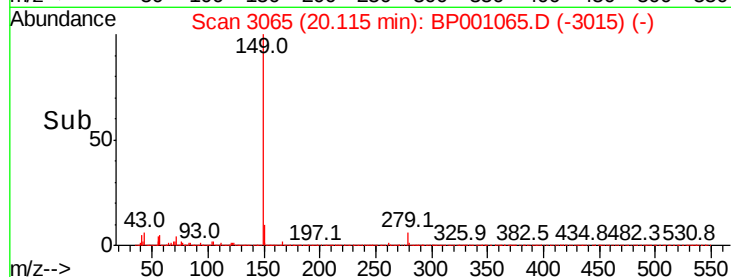
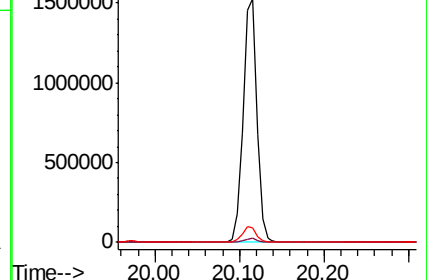
43 6.4 5.6 8.4



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: 36.402 ng

RT: 22.75 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BP001065.D

Acq: 18 Nov 2019 17:33

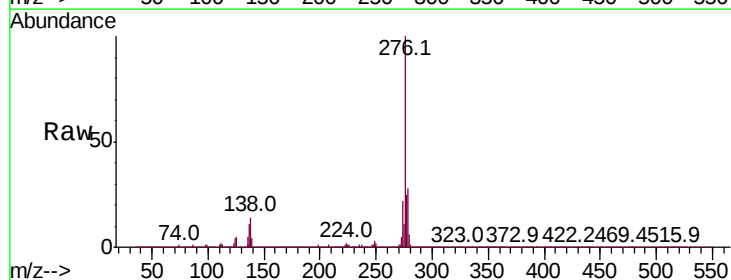
Tgt Ion:276 Resp: 1998331

Ion Ratio Lower Upper

276 100

138 17.1 17.6 26.4#

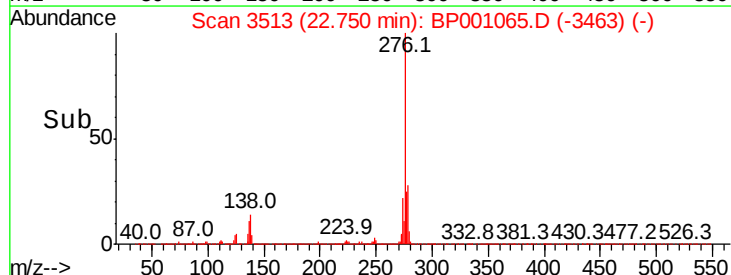
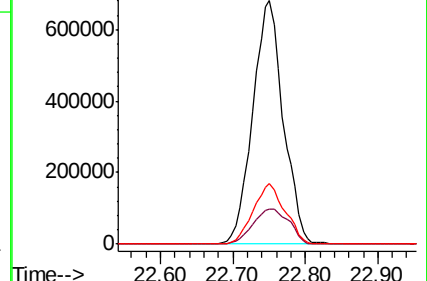
277 25.9 20.2 30.4

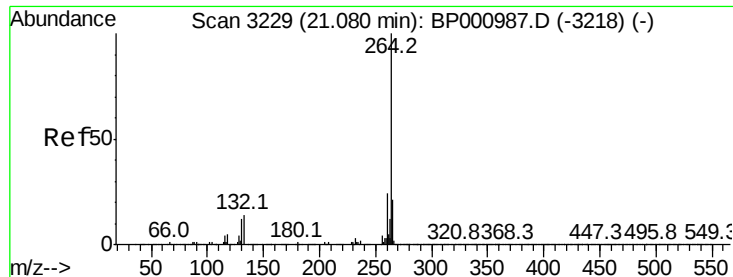


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



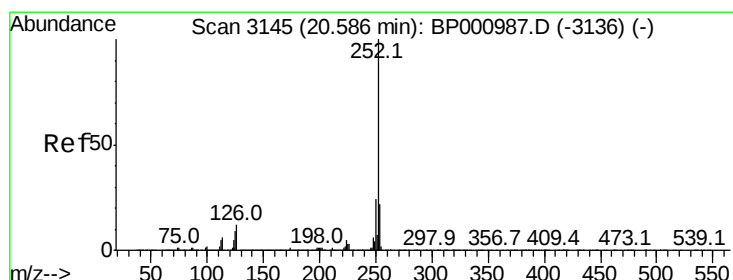
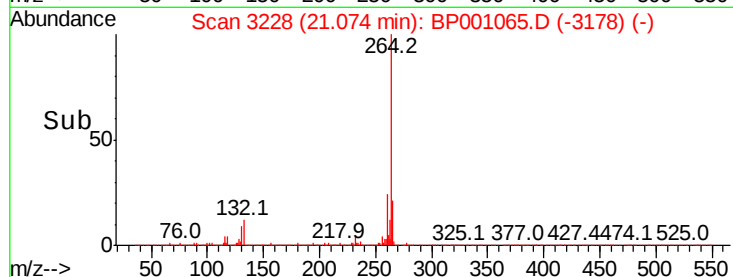
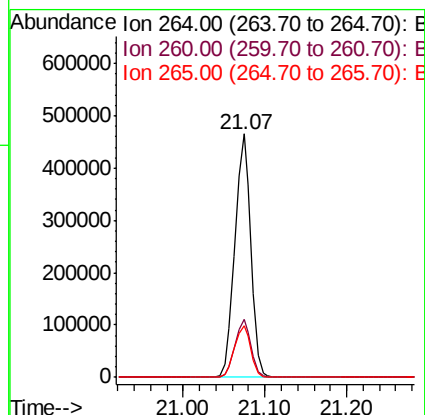
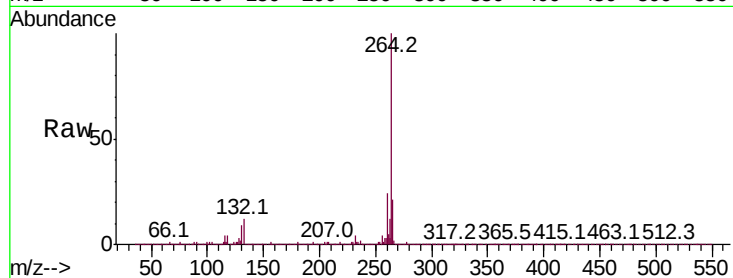


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 633445

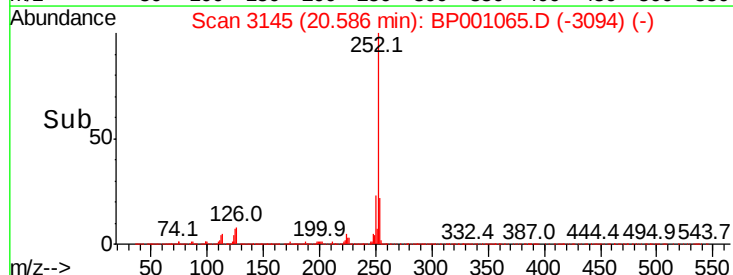
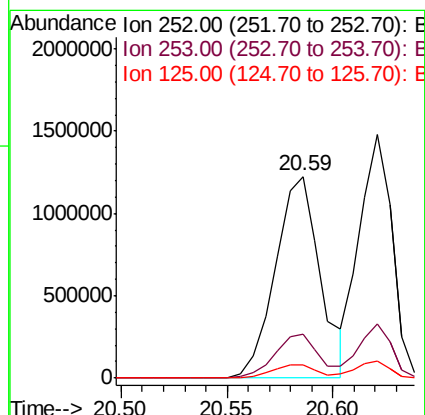
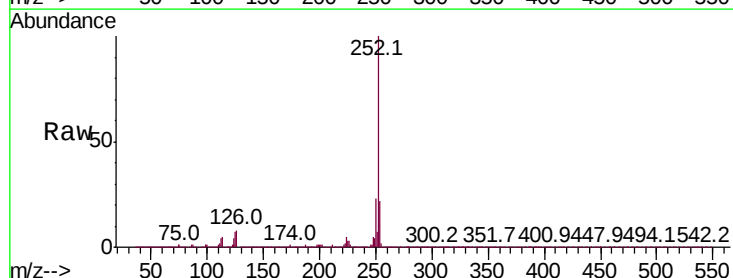
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.1	17.1	25.7

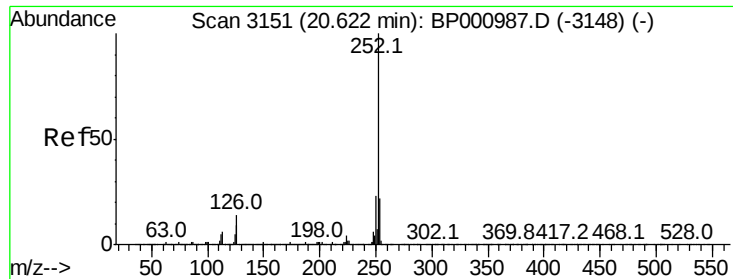


#88
Benzo(b)fluoranthene
Concen: 47.922 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:252 Resp: 1809467

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	6.7	7.3	10.9

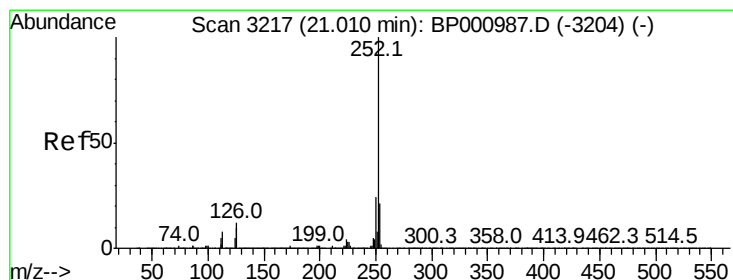
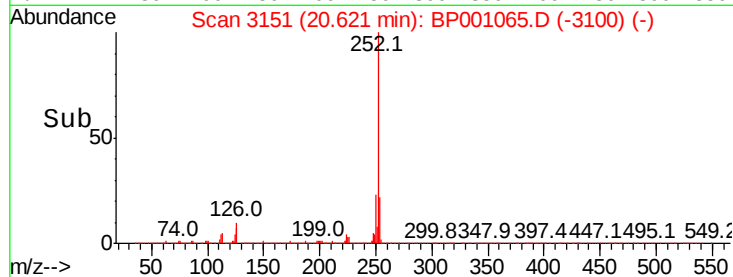
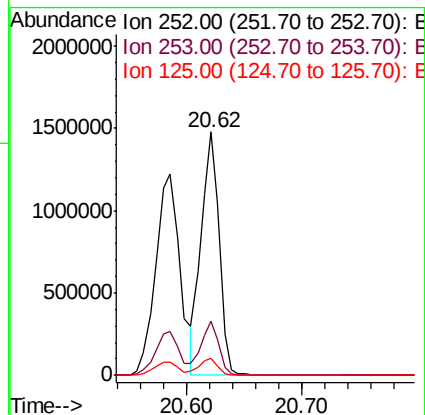
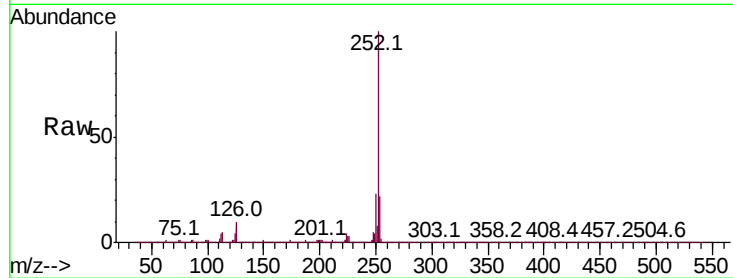




#89
Benzo(k)fluoranthene
Concen: 45.501 ng
RT: 20.62 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

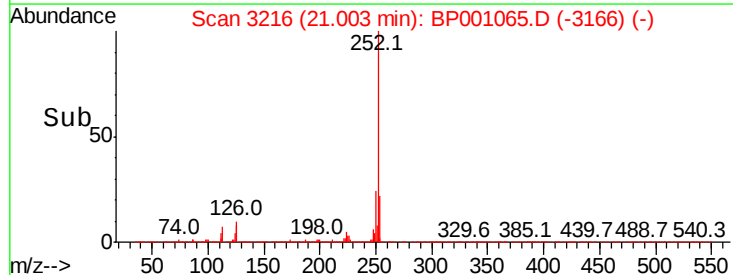
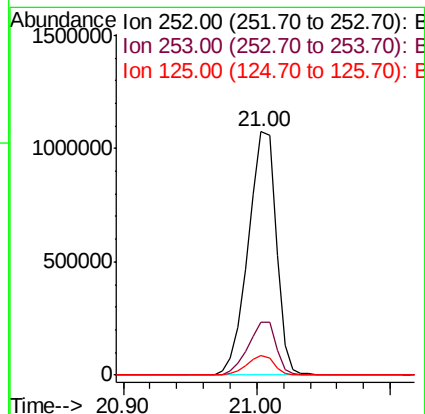
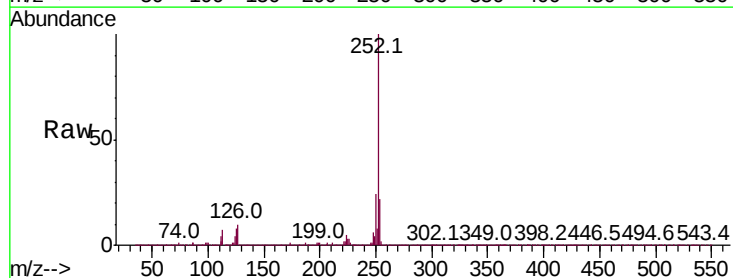
Instrument :
BNA_P
ClientSampleId :

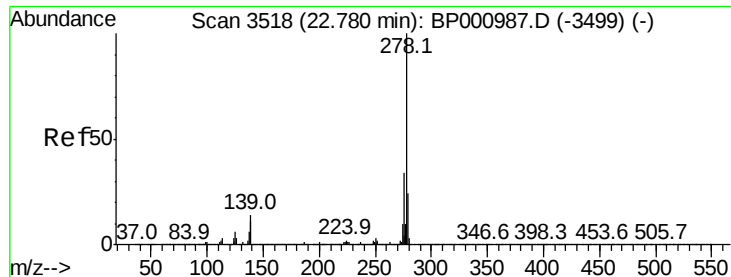
Tot Ion:252 Resp: 1617278
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.1 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 44.779 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BP001065.D
Acq: 18 Nov 2019 17:33

Tgt Ion:252 Resp: 1554734
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 8.0 7.6 11.4



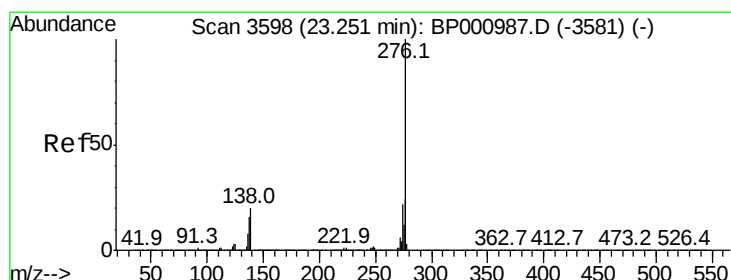
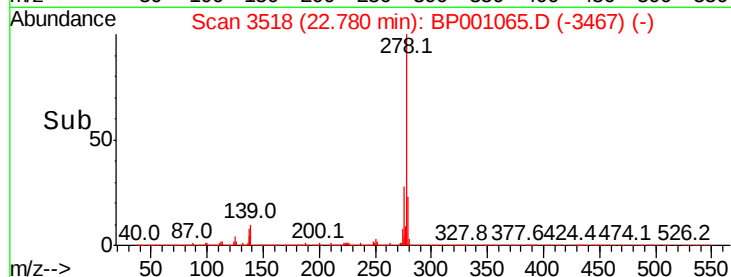
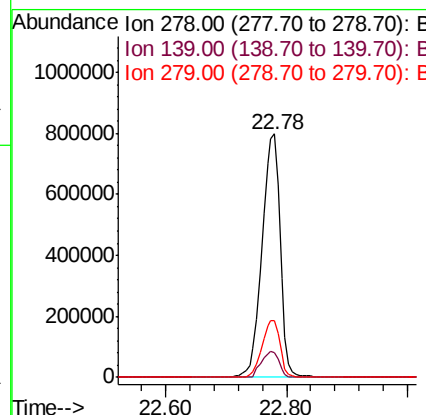
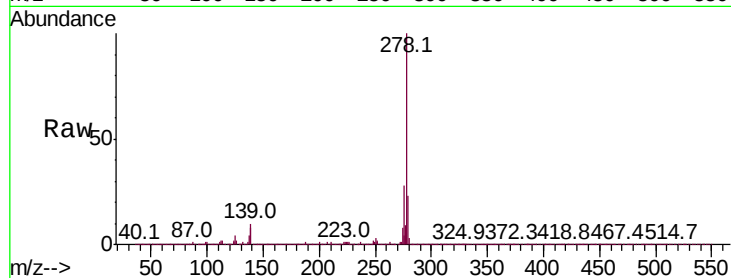


#91
 Dibenzo(a,h)anthracene
 Concen: 47.214 ng
 RT: 22.78 min Scan# 3518
 Delta R.T. -0.00 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:278 Resp: 1673092

Ion	Ratio	Lower	Upper
278	100		
139	10.2	11.3	16.9#
279	23.4	19.1	28.7



#92
 Benzo(g,h,i)perylene
 Concen: 46.746 ng
 RT: 23.25 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: BP001065.D
 Acq: 18 Nov 2019 17:33

Tgt Ion:276 Resp: 1667999

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	14.3	15.7	23.5#

