

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
 Data File : BP001716.D
 Acq On : 03 Feb 2020 12:05
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 03 13:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 13:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	312031	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1261780	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	740807	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1484887	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1350955	20.00	ng	0.00
87) Perylene-d12	23.43	264	1523729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1432098	89.91	ng	0.00
7) Phenol-d6	6.90	99	1898007	74.56	ng	0.00
23) Nitrobenzene-d5	8.87	82	1668222	57.77	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	604515	53.61	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4152178	82.41	ng	0.00
79) Terphenyl-d14	19.68	244	5623205	76.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	285896	56.240	ng	100
3) Pyridine	3.68	79	858867	46.755	ng	100
4) n-Nitrosodimethylamine	3.59	42	319930	24.573	ng	100
6) Aniline	7.06	93	1173753	36.874	ng	100
8) 2-Chlorophenol	7.29	128	796709	42.842	ng	100
9) Benzaldehyde	6.87	77	474497	31.205	ng	100
10) Phenol	6.93	94	969850	36.828	ng	100
11) bis(2-Chloroethyl)ether	7.16	93	776952	37.618	ng	100
12) 1,3-Dichlorobenzene	7.62	146	953667	40.797	ng	100
13) 1,4-Dichlorobenzene	7.76	146	959396	39.691	ng	100
14) 1,2-Dichlorobenzene	8.08	146	915269	39.183	ng	100
15) Benzyl Alcohol	7.96	79	647506	27.008	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.26	45	972710	25.351	ng	100
17) 2-Methylphenol	8.16	107	646412	35.354	ng	100
18) Hexachloroethane	8.80	117	331469	35.128	ng	100
19) n-Nitroso-di-n-propylamine	8.53	70	585021	30.142	ng	100
20) 3+4-Methylphenols	8.49	107	863717	33.772	ng	100
22) Acetophenone	8.54	105	1244957	35.197	ng	100
24) Nitrobenzene	8.91	77	845192	28.933	ng	100
25) Isophorone	9.43	82	1563825	30.201	ng	100
26) 2-Nitrophenol	9.62	139	271602	24.602	ng	100
27) 2,4-Dimethylphenol	9.69	122	607911	36.859	ng	100
28) bis(2-Chloroethoxy)methane	9.92	93	1054746	34.771	ng	100
29) 2,4-Dichlorophenol	10.15	162	721829	31.974	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	865862	31.771	ng	100
31) Naphthalene	10.55	128	2577366	38.703	ng	100
32) Benzoic acid	9.81	122	256487	18.307	ng	100
33) 4-Chloroaniline	10.65	127	1110032	36.203	ng	100
34) Hexachlorobutadiene	10.85	225	514207	26.654	ng	100
35) Caprolactam	11.40	113	217088	26.481	ng	100
36) 4-Chloro-3-methylphenol	11.78	107	733423	27.070	ng	100
37) 2-Methylnaphthalene	12.16	142	1804119	33.994	ng	100
38) 1-Methylnaphthalene	12.39	142	1704956	33.384	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	944596	37.223	ng	100

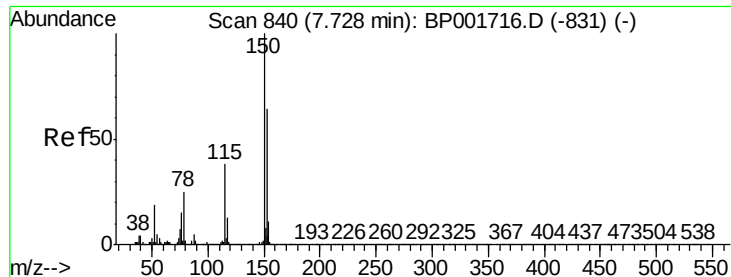
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	401062	31.157	ng	100
43) 2,4,6-Trichlorophenol	12.77	196	535847	32.740	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	561376	32.278	ng	100
46) 1,1'-Biphenyl	13.19	154	2308043	43.478	ng	100
47) 2-Chloronaphthalene	13.22	162	1824461	41.353	ng	100
48) 2-Nitroaniline	13.42	65	417240	24.071	ng	100
49) Acenaphthylene	14.07	152	2742264	40.302	ng	100
50) Dimethylphthalate	13.82	163	2166043	35.499	ng	100
51) 2,6-Dinitrotoluene	13.92	165	423439	32.725	ng	100
52) Acenaphthene	14.42	154	1733216	41.129	ng	100
53) 3-Nitroaniline	14.25	138	490057	35.872	ng	100
54) 2,4-Dinitrophenol	14.45	184	100329	13.790	ng	100
55) Dibenzofuran	14.75	168	2577167	36.165	ng	100
56) 4-Nitrophenol	14.55	139	355186	32.559	ng	100
57) 2,4-Dinitrotoluene	14.71	165	544553	28.763	ng	100
58) Fluorene	15.40	166	2113275	36.648	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	496274	27.634	ng	100
60) Diethylphthalate	15.20	149	2171057	34.595	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1056037	31.999	ng	100
62) 4-Nitroaniline	15.41	138	530464	34.057	ng	100
63) Azobenzene	15.70	77	1981806	31.605	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	156354	19.476	ng	100
66) n-Nitrosodiphenylamine	15.62	169	1799130	45.735	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	634815	37.896	ng	100
68) Hexachlorobenzene	16.42	284	726463	37.326	ng	100
69) Atrazine	16.57	200	555426	38.445	ng	100
70) Pentachlorophenol	16.75	266	344917	32.091	ng	100
71) Phenanthrene	17.15	178	3253632	40.291	ng	100
72) Anthracene	17.23	178	3140531	39.949	ng	100
73) Carbazole	17.50	167	2979053	40.364	ng	100
74) Di-n-butylphthalate	18.09	149	3516801	40.275	ng	100
75) Fluoranthene	19.12	202	3614586	34.018	ng	100
77) Benzidine	19.29	184	1331527	43.165	ng	100
78) Pyrene	19.47	202	3798551	38.277	ng	100
80) Butylbenzylphthalate	20.36	149	1454156	38.554	ng	100
81) Benzo(a)anthracene	21.17	228	3599122	38.254	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	1235968	35.032	ng	100
83) Chrysene	21.22	228	3451335	37.641	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2305260	44.584	ng	100
85) Di-n-octyl phthalate	22.02	149	3634185	44.080	ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	4284395	39.918	ng	100
88) Benzo(b)fluoranthene	22.76	252	3788978	39.461	ng	100
89) Benzo(k)fluoranthene	22.80	252	3509799	37.491	ng	100
90) Benzo(a)pyrene	23.33	252	3364437	36.904	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	3497474	37.183	ng	100
92) Benzo(g,h,i)perylene	26.40	276	3372300	36.064	ng	100

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

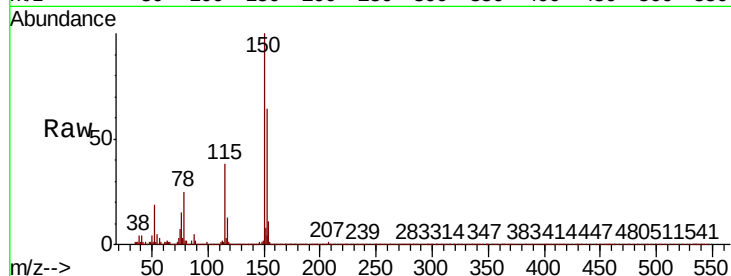


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 840
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.5	186.7
115	59.1	47.3	70.9

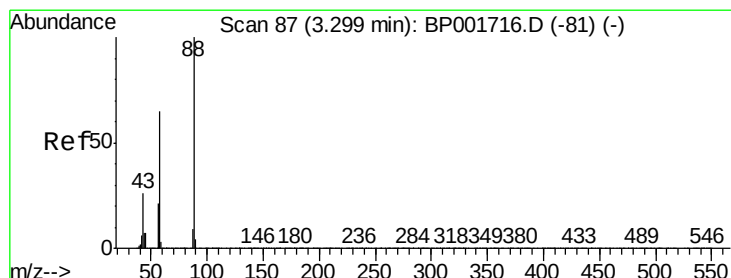
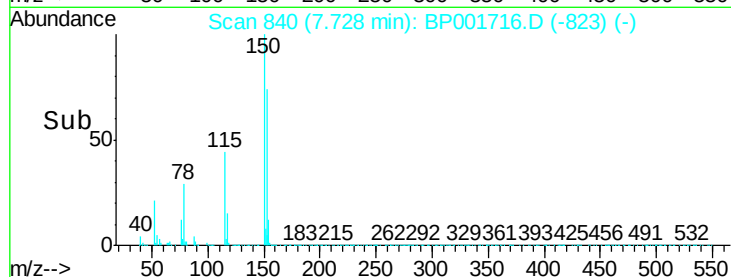
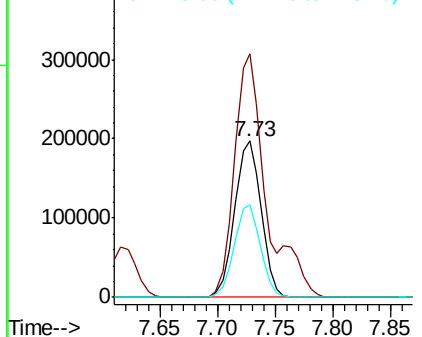


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

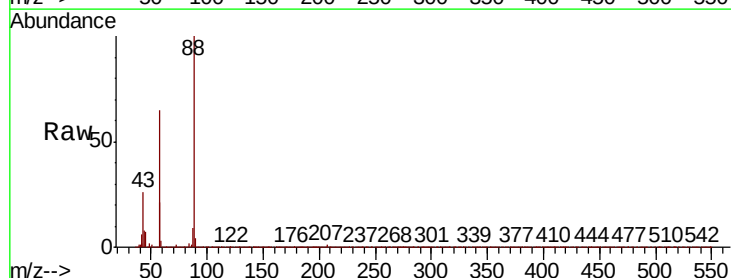
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 56.240 ng
RT: 3.30 min Scan# 87
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.4	78.6
43	26.5	21.2	31.8

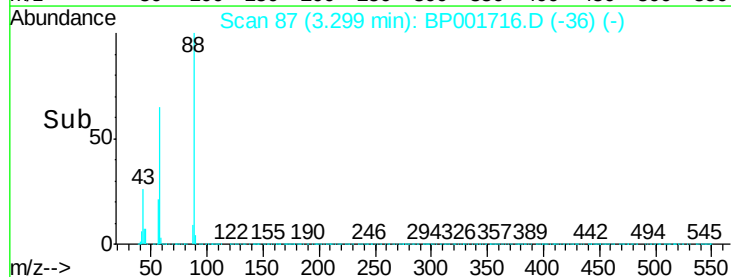
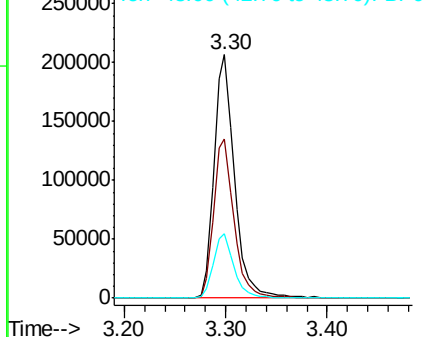


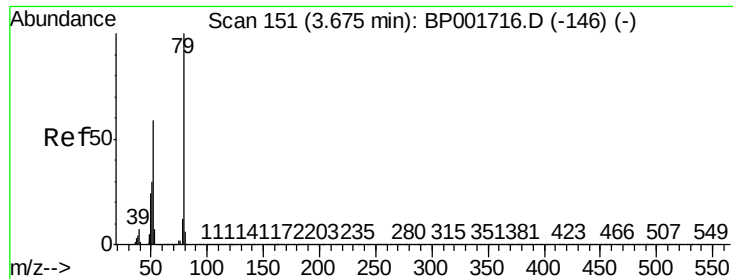
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 46.755 ng

RT: 3.68 min Scan# 151

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

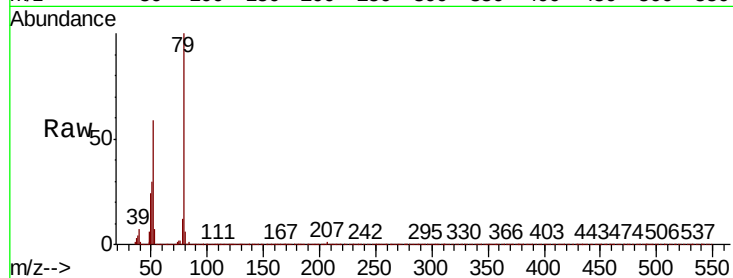
Tot Ion: 79 Resp: 858867

Ion Ratio Lower Upper

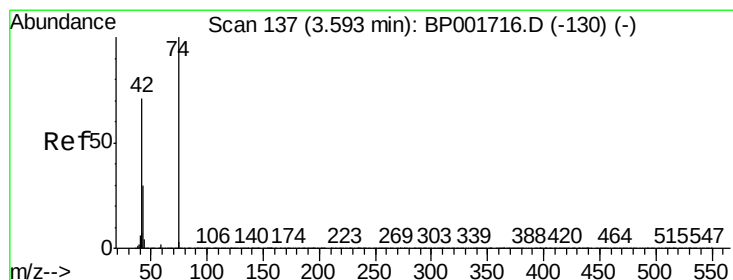
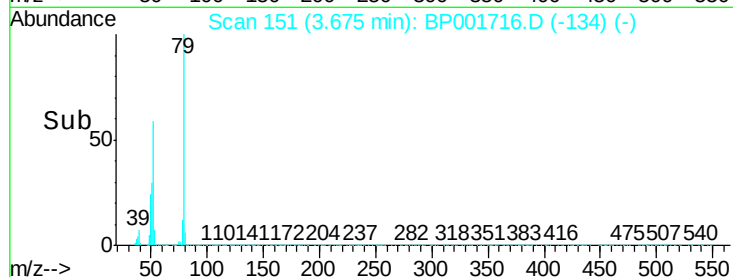
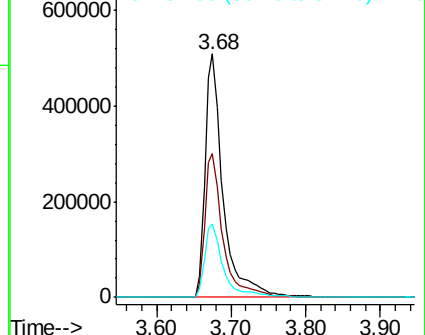
79 100

52 59.2 47.4 71.0

51 30.0 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 24.573 ng

RT: 3.59 min Scan# 137

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

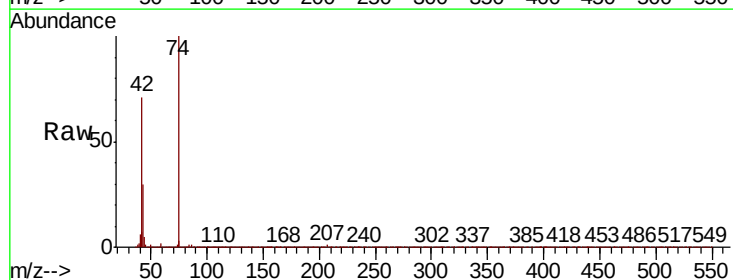
Tgt Ion: 42 Resp: 319930

Ion Ratio Lower Upper

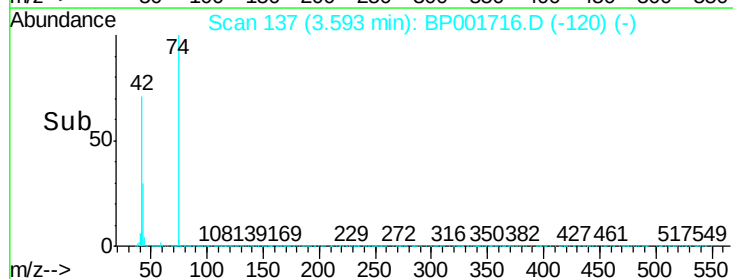
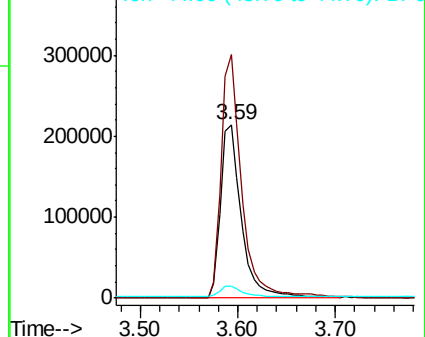
42 100

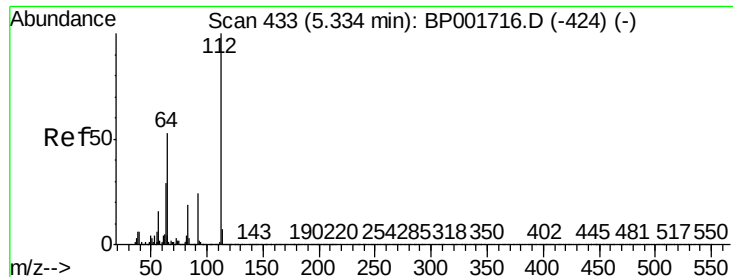
74 140.1 112.1 168.1

44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 89.906 ng

RT: 5.33 min Scan# 433

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

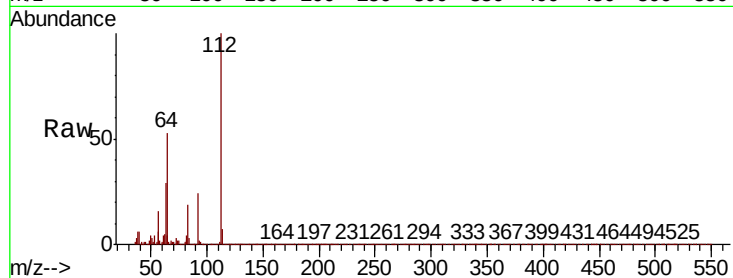
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1432098

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.7	64.1
63	28.5	22.8	34.2



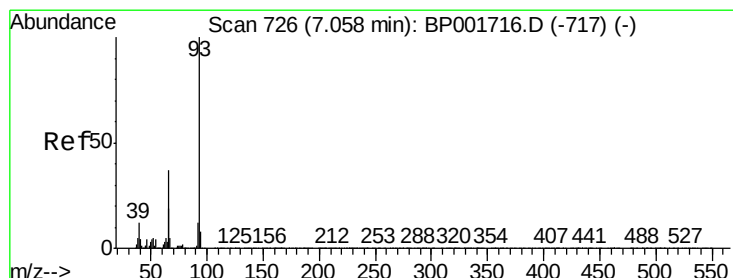
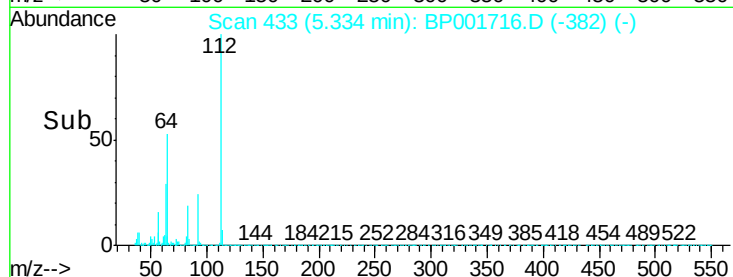
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.33

Time-->



#6

Aniline

Concen: 36.874 ng

RT: 7.06 min Scan# 726

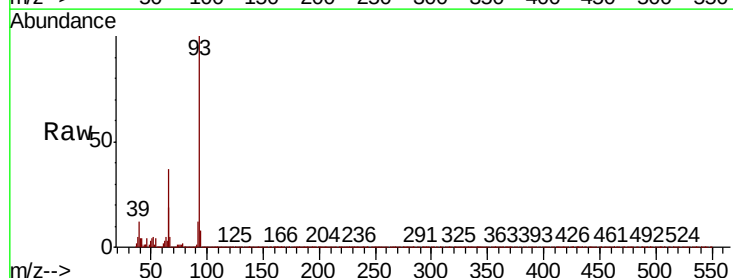
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion: 93 Resp: 1173753

Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.7	44.5
65	19.0	15.2	22.8



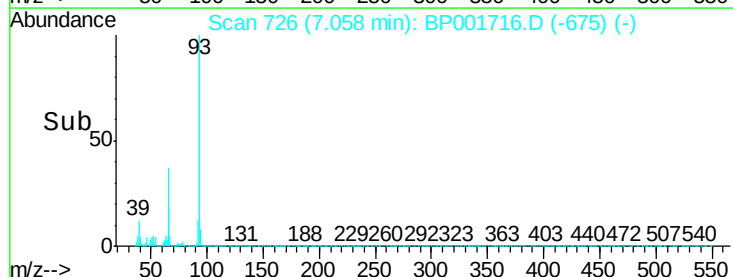
Abundance Ion 93.00 (92.70 to 93.70): BP0

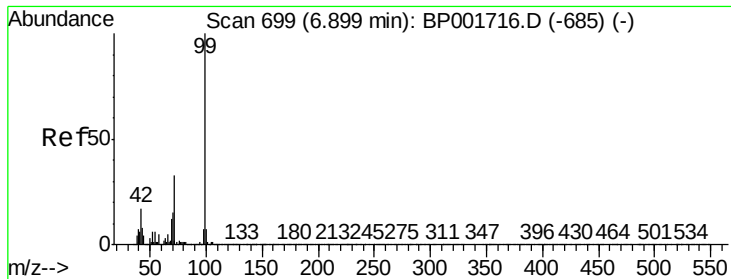
Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

7.06

Time-->





#7

Phenol-d6

Concen: 74.556 ng

RT: 6.90 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

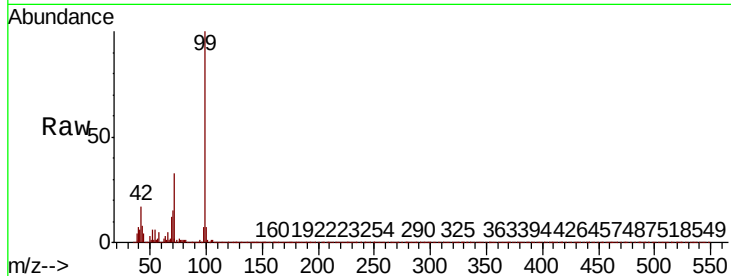
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1898007

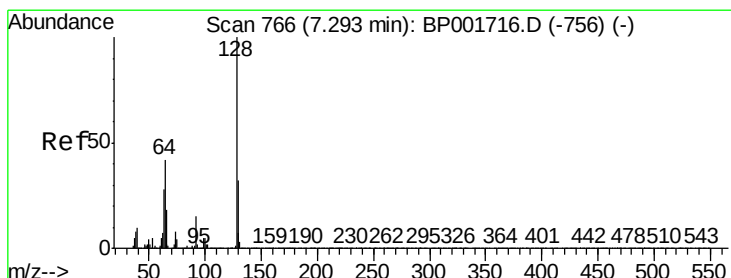
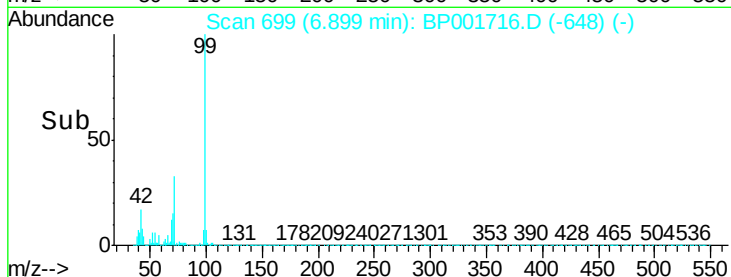
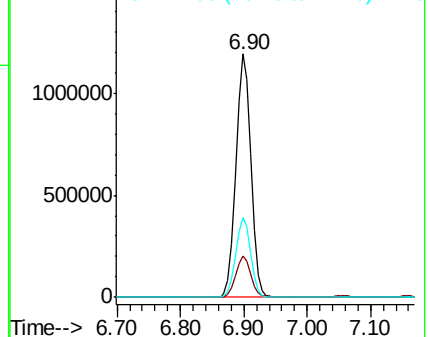
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	32.6	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 42.842 ng

RT: 7.29 min Scan# 766

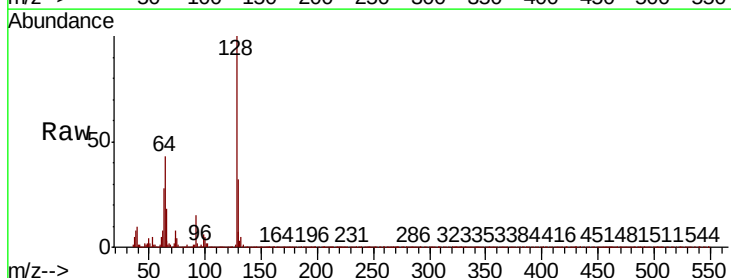
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion: 128 Resp: 796709

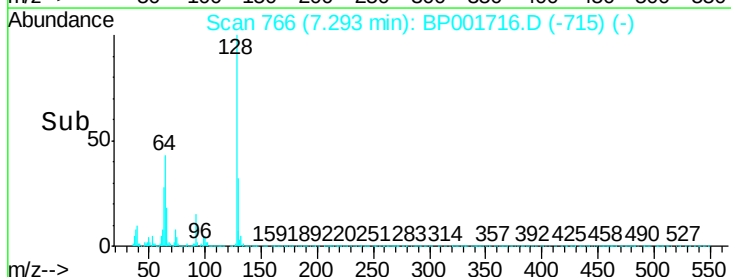
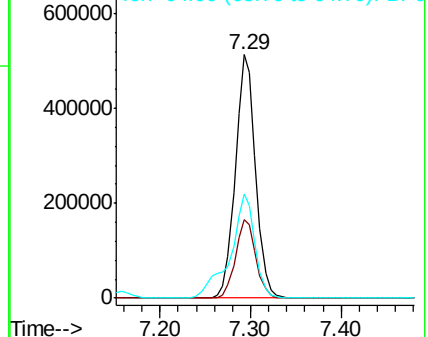
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	42.7	22.7	62.7

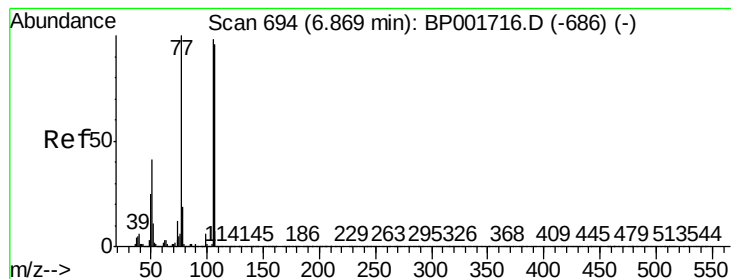


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 31.205 ng

RT: 6.87 min Scan# 694

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

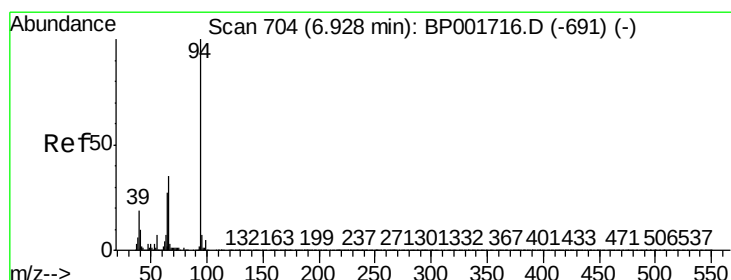
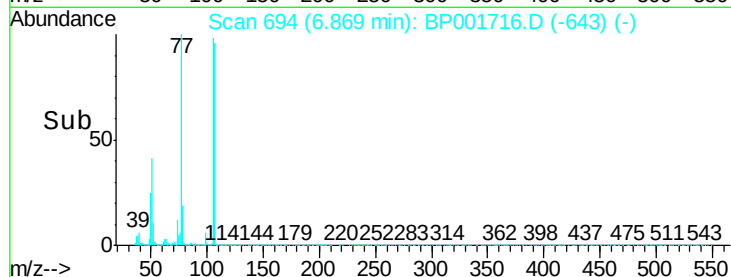
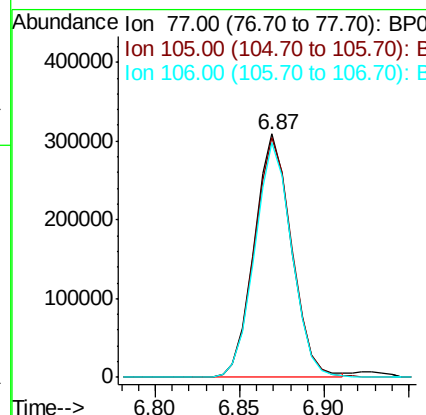
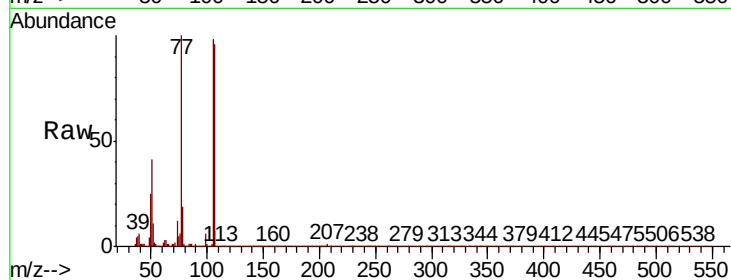
Tot Ion: 77 Resp: 474497

Ion Ratio Lower Upper

77 100

105 98.3 78.3 118.3

106 96.4 76.4 116.4



#10

Phenol

Concen: 36.828 ng

RT: 6.93 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

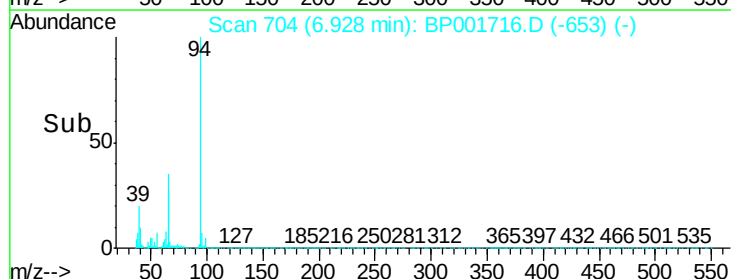
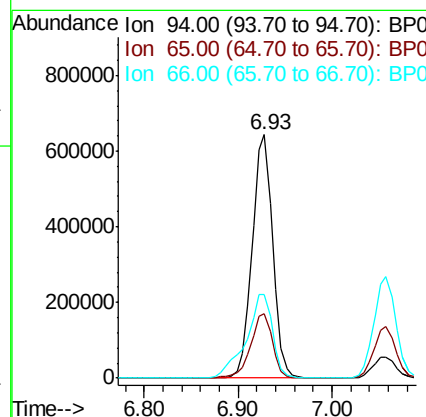
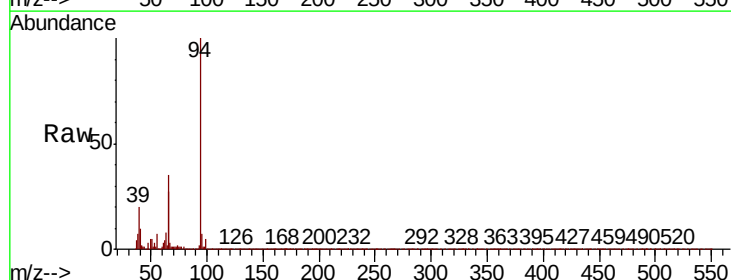
Tgt Ion: 94 Resp: 969850

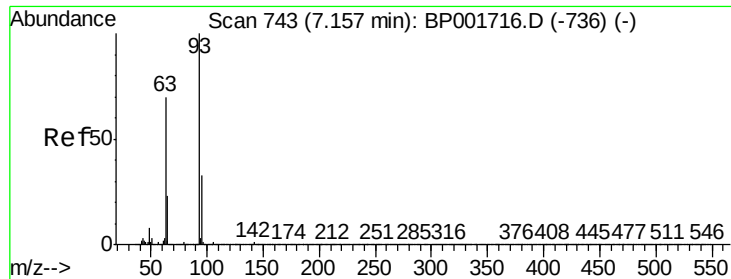
Ion Ratio Lower Upper

94 100

65 26.7 6.7 46.7

66 34.5 14.5 54.5

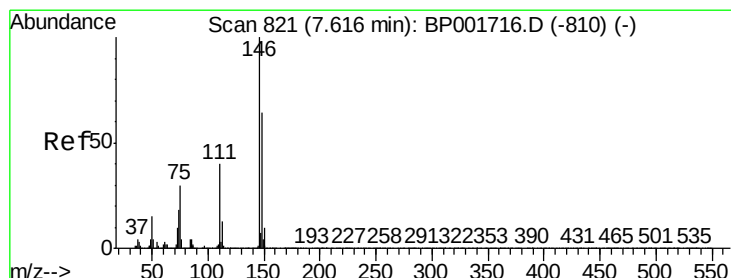
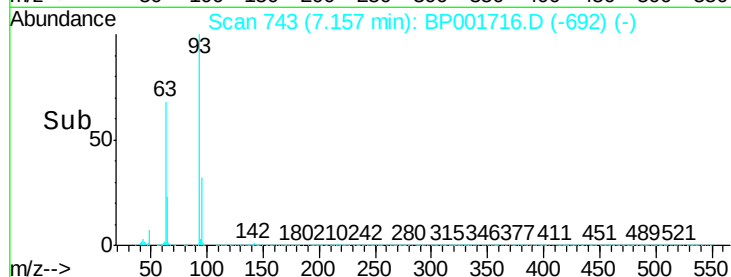
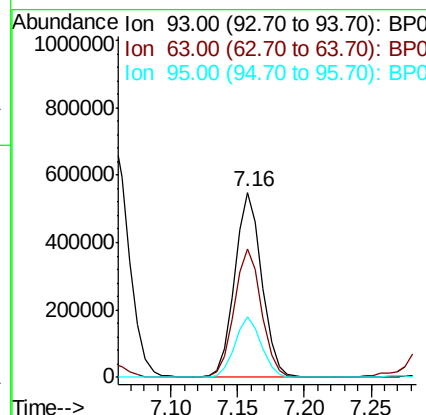
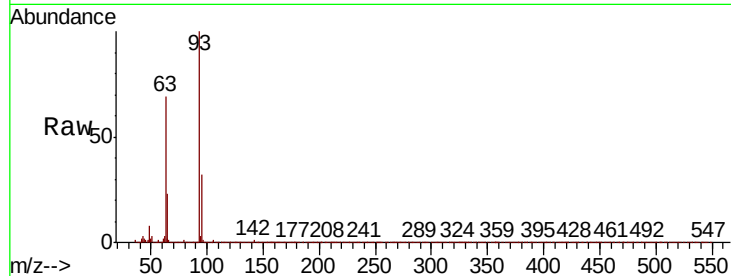




#11
bis(2-Chloroethyl)ether
Concen: 37.618 ng
RT: 7.16 min Scan# 743
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

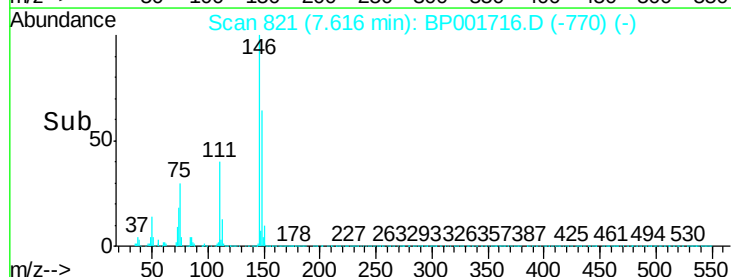
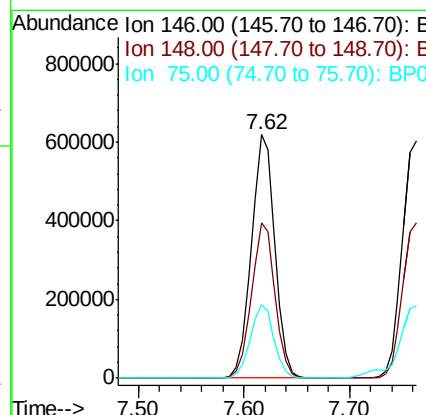
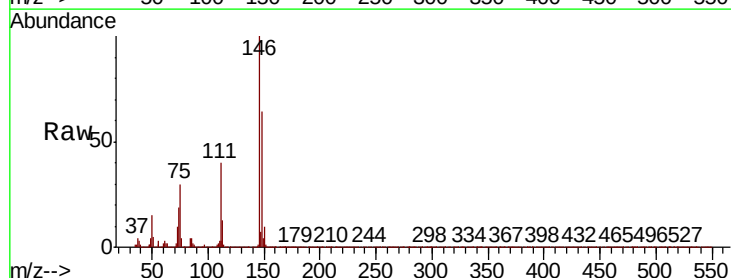
Instrument :
BNA_P
ClientSampled :

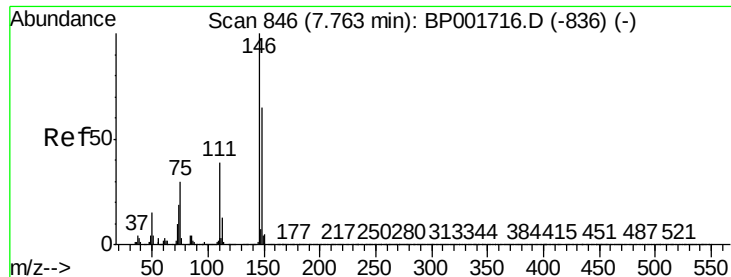
Tot Ion:	93	Resp:	776952
Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.4	89.4
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.797 ng
RT: 7.62 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:	146	Resp:	953667
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
75	30.0	24.0	36.0

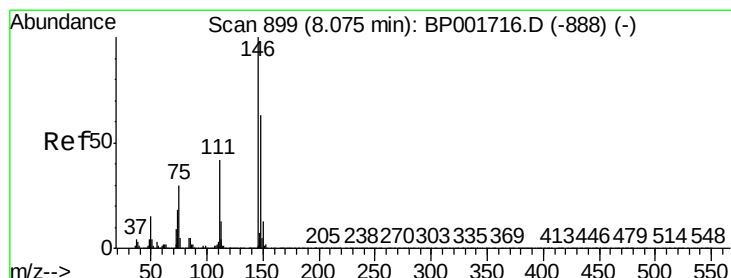
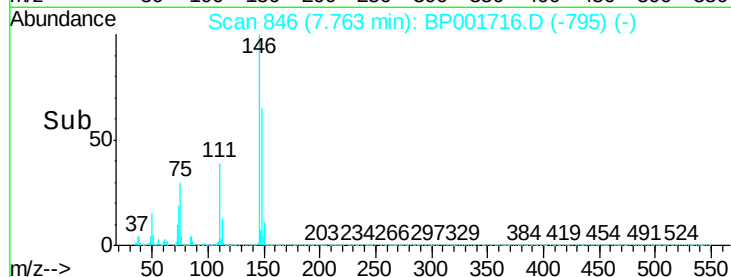
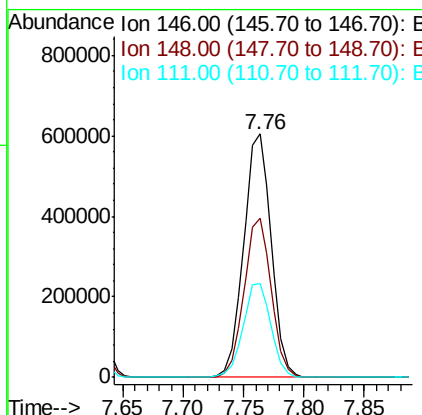
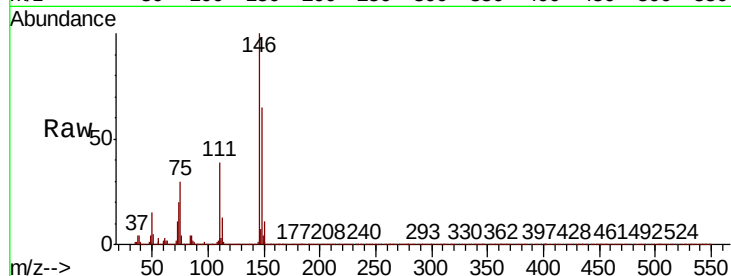




#13
1,4-Dichlorobenzene
Concen: 39.691 ng
RT: 7.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

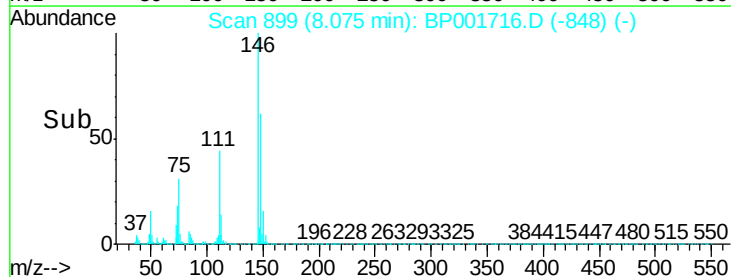
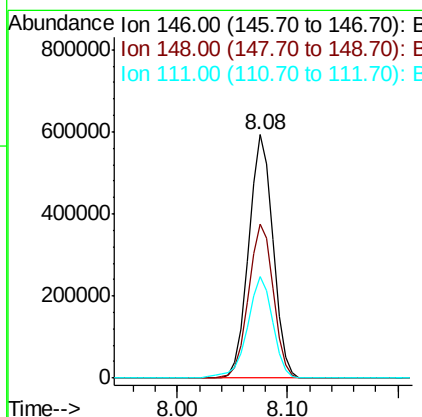
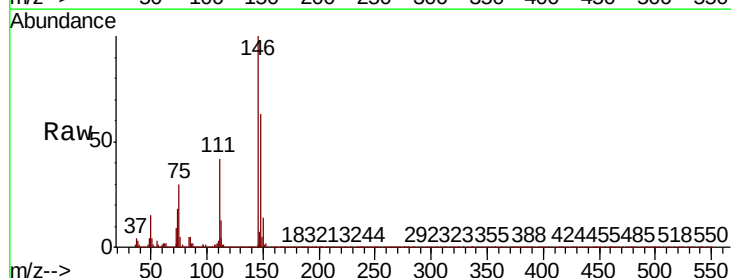
Instrument :
BNA_P
ClientSampleId :

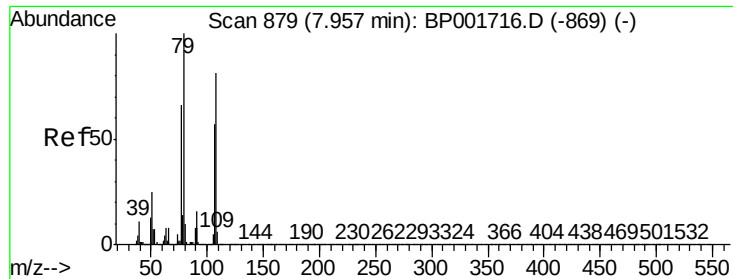
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	38.6	30.9	46.3



#14
1,2-Dichlorobenzene
Concen: 39.183 ng
RT: 8.08 min Scan# 899
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.6	33.3	49.9





#15

Benzyl Alcohol

Concen: 27.008 ng

RT: 7.96 min Scan# 879

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

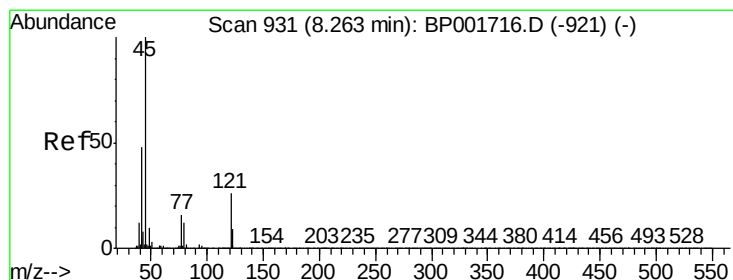
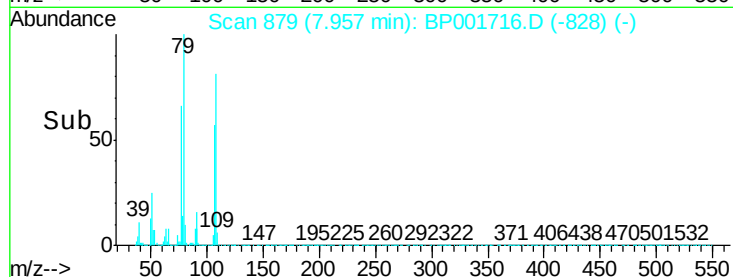
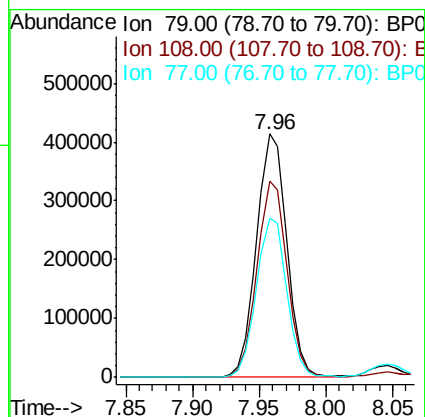
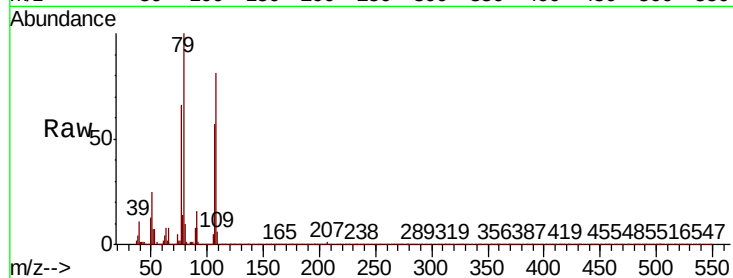
Tot Ion: 79 Resp: 647506

Ion Ratio Lower Upper

79 100

108 80.8 64.6 97.0

77 65.6 52.5 78.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.351 ng

RT: 8.26 min Scan# 931

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

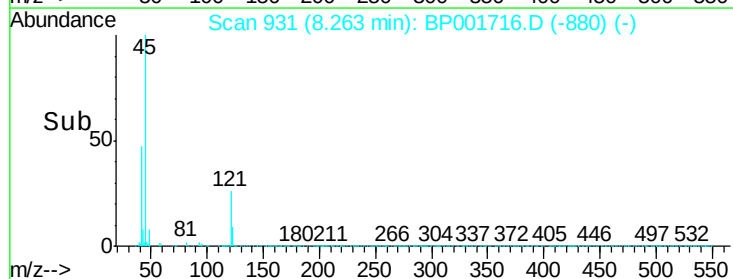
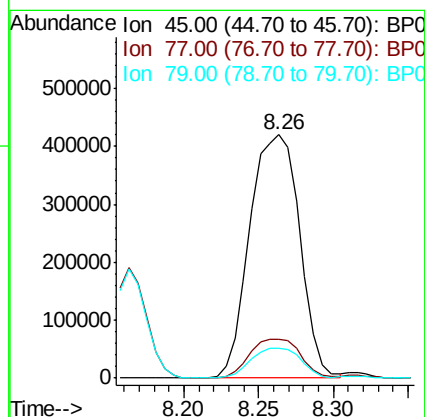
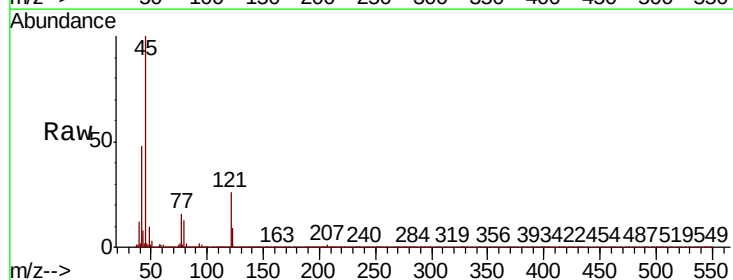
Tgt Ion: 45 Resp: 972710

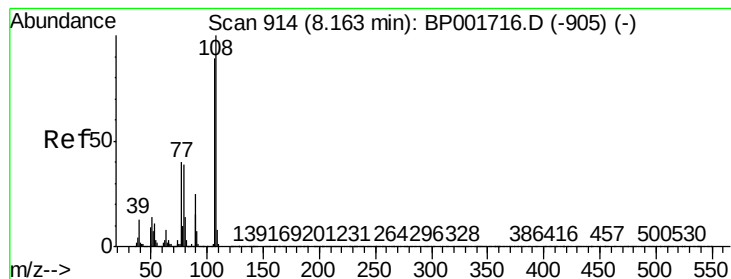
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.9

79 12.5 0.0 32.5





#17

2-Methylphenol

Concen: 35.354 ng

RT: 8.16 min Scan# 914

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 646412

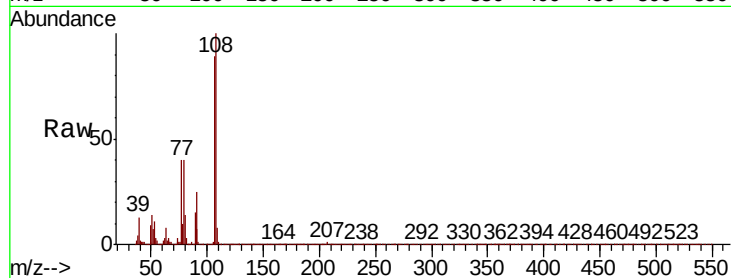
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.9	134.9
77	45.2	36.2	54.2
79	44.5	35.6	53.4

107 100

108 112.4 89.9 134.9

77 45.2 36.2 54.2

79 44.5 35.6 53.4

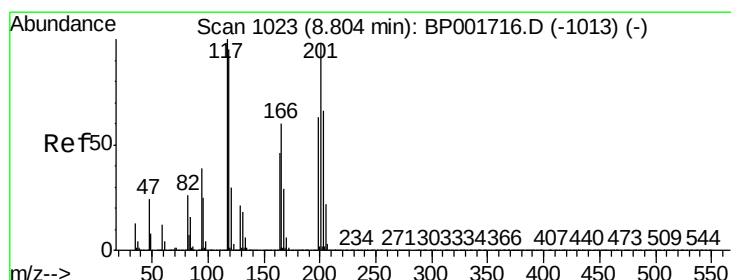
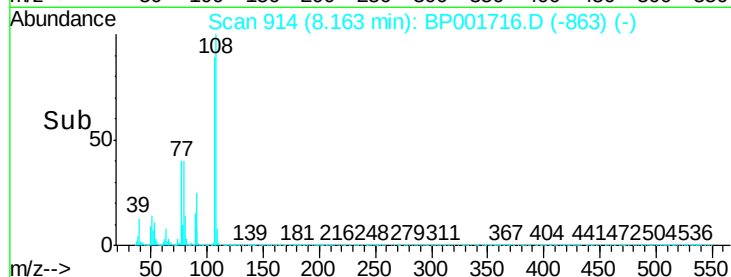
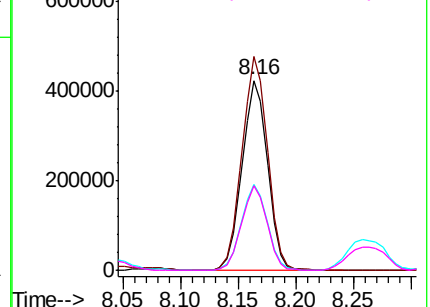


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 35.128 ng

RT: 8.80 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

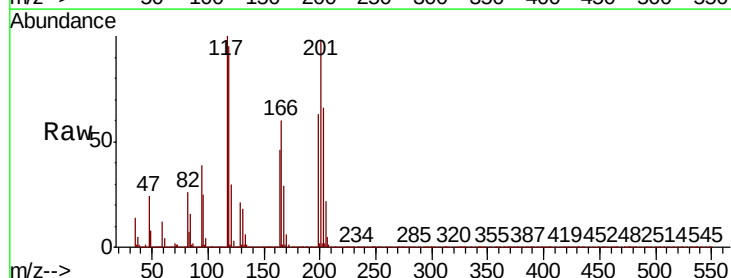
Tgt Ion:117 Resp: 331469

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
201	97.9	78.3	117.5

117 100

119 94.7 75.8 113.6

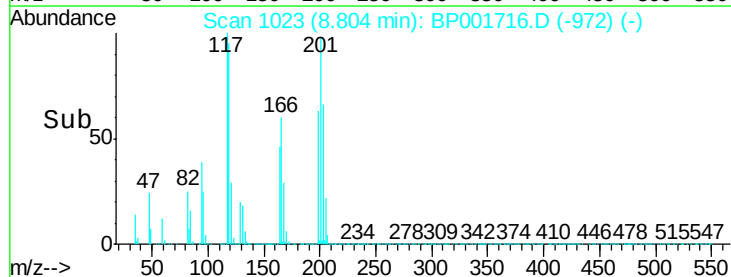
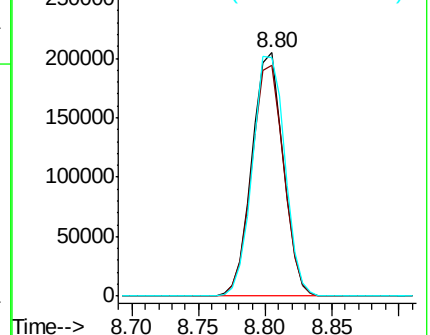
201 97.9 78.3 117.5

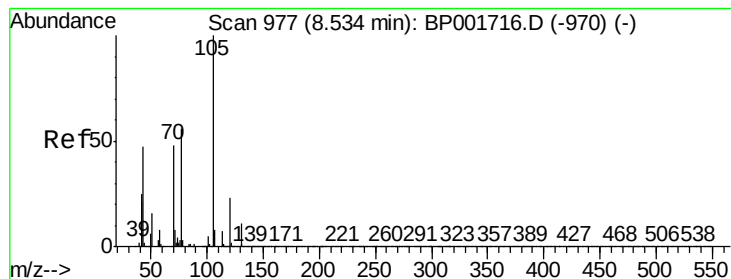


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.142 ng

RT: 8.53 min Scan# 977

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampled :

Tot Ion: 70 Resp: 585021

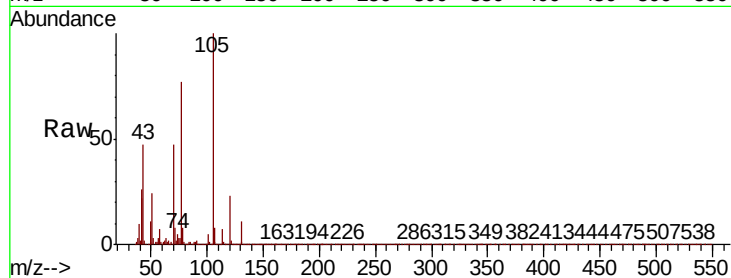
Ion Ratio Lower Upper

70 100

42 54.1 43.3 64.9

101 9.9 7.9 11.9

130 22.9 18.3 27.5

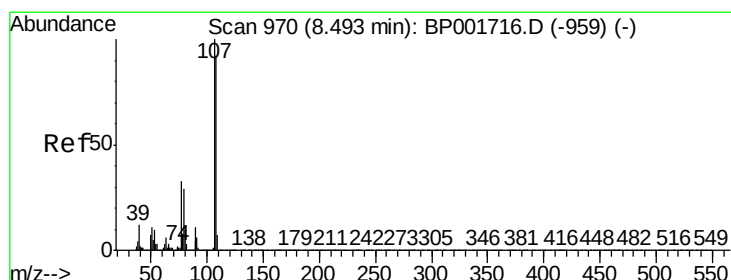
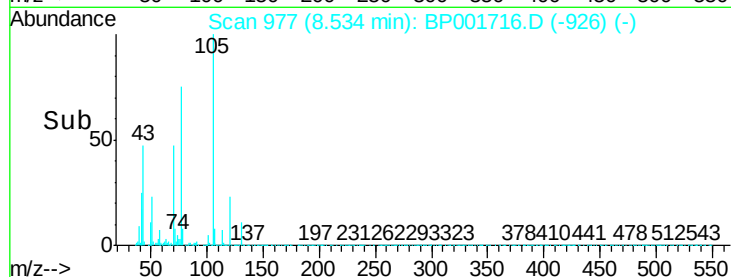
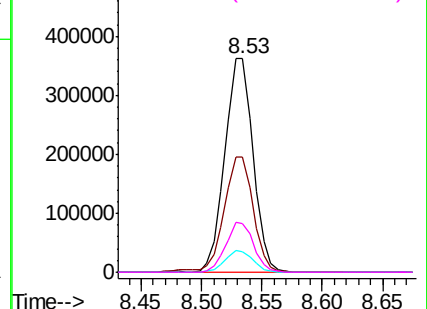


Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 33.772 ng

RT: 8.49 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion: 107 Resp: 863717

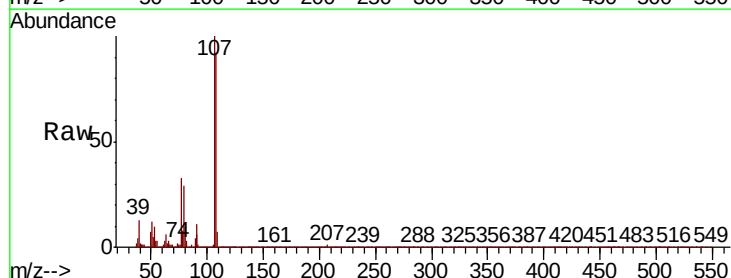
Ion Ratio Lower Upper

107 100

108 91.8 71.8 111.8

77 33.2 13.2 53.2

79 29.3 9.3 49.3

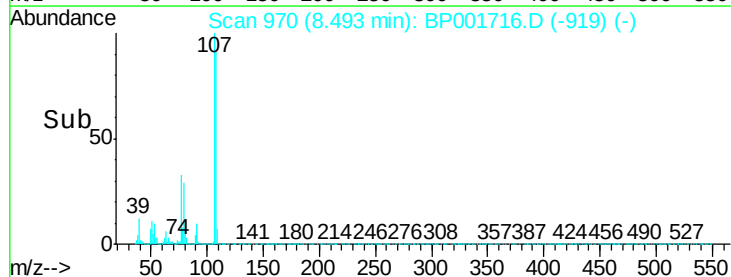
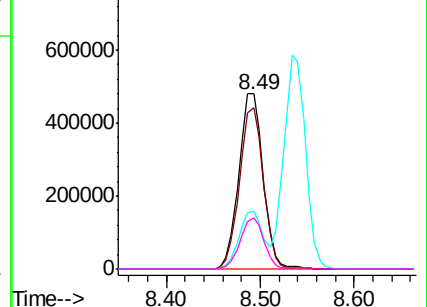


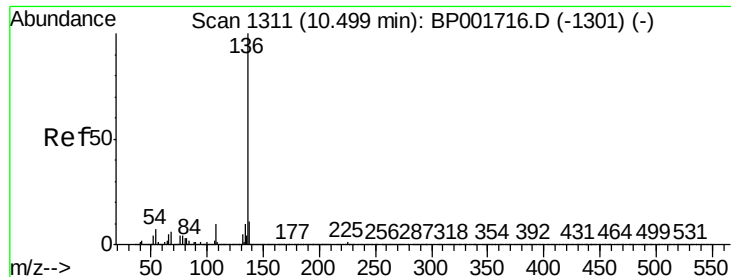
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

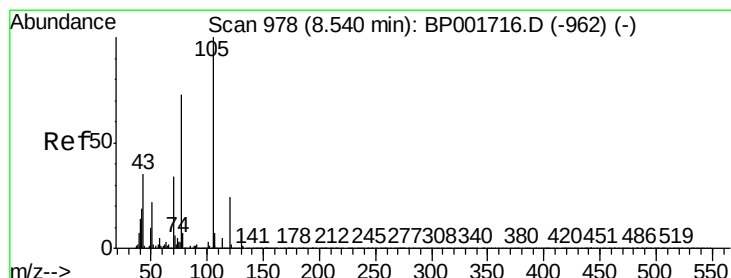
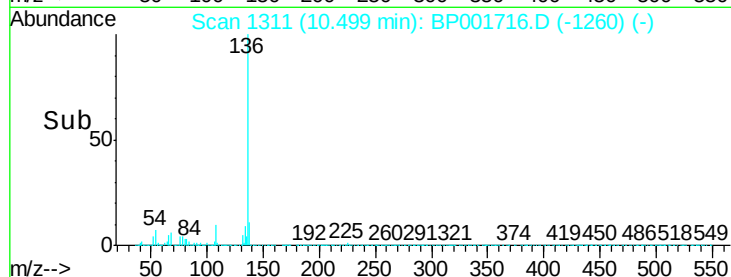
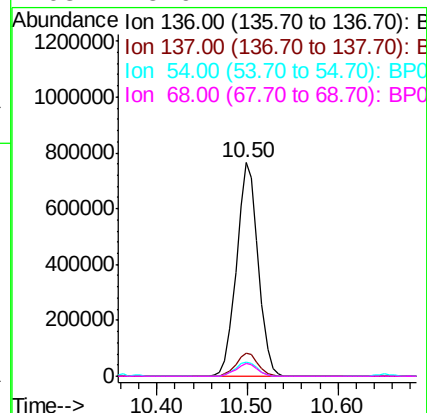
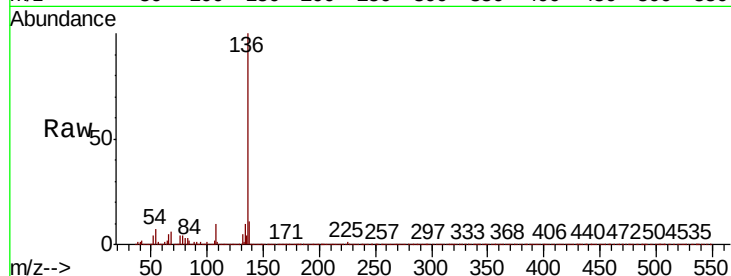




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

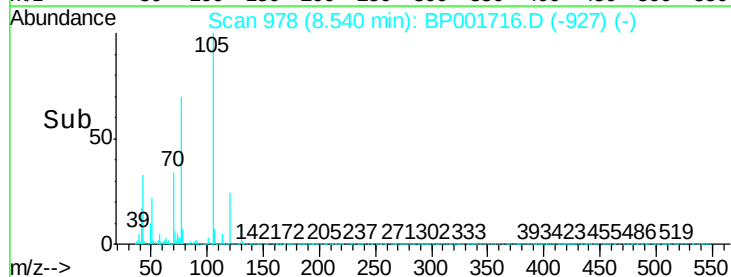
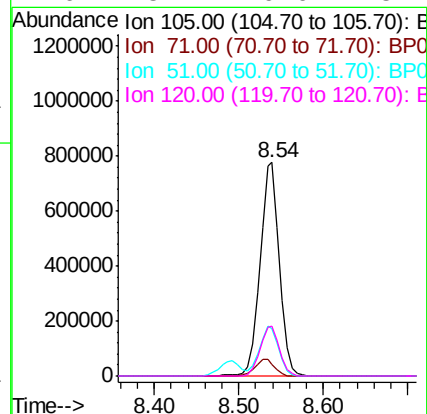
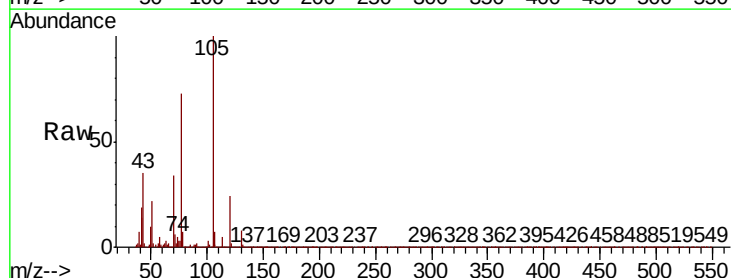
Instrument :
BNA_P
ClientSampled :

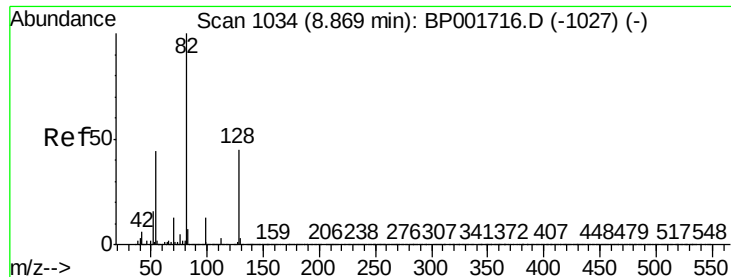
Tot Ion:136	Resp: 1261780
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.7	5.4 8.0
68 5.9	4.7 7.1



#22
Acetophenone
Concen: 35.197 ng
RT: 8.54 min Scan# 978
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt	Ion:105	Resp:	1244957
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.5	6.7
51	22.4	17.9	26.9
120	23.7	19.0	28.4

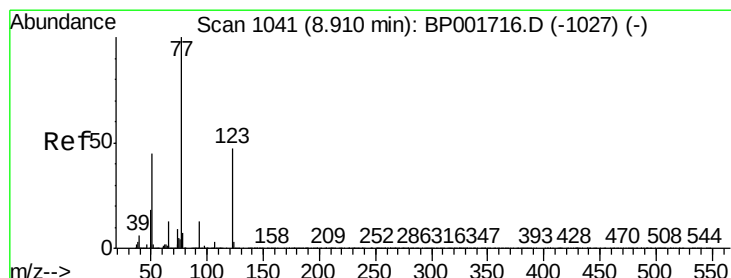
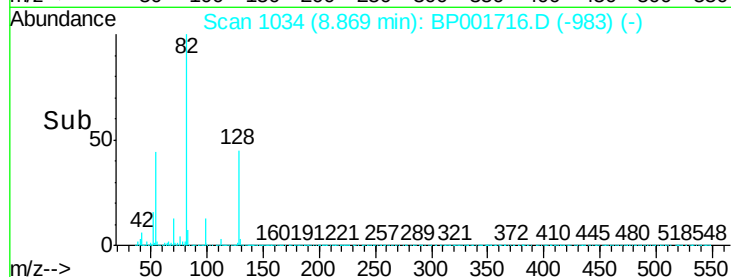
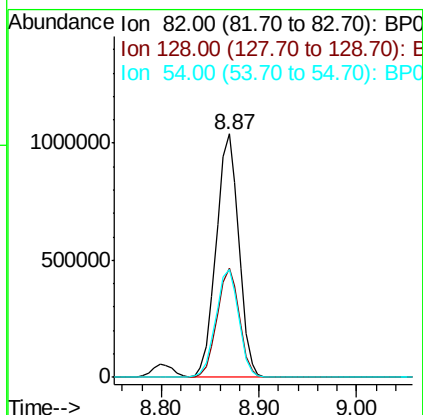
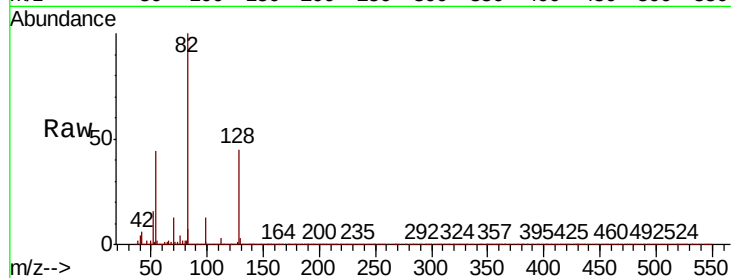




#23
Nitrobenzene-d5
Concen: 57.773 ng
RT: 8.87 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

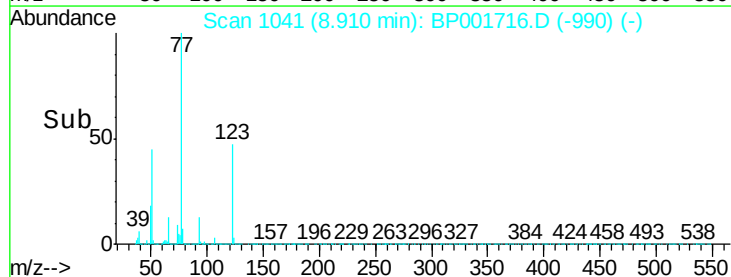
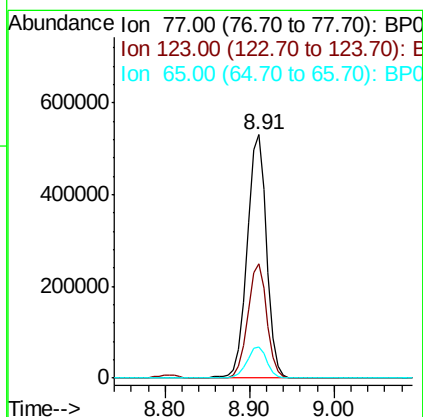
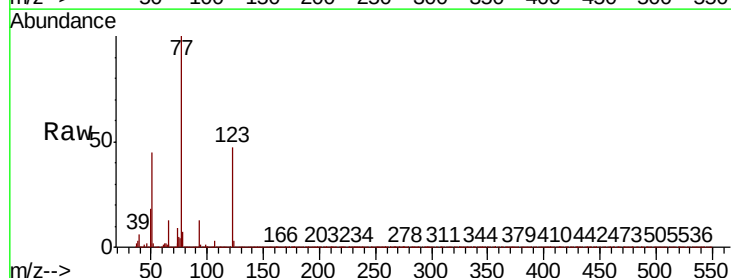
Instrument :
BNA_P
ClientSampleId :

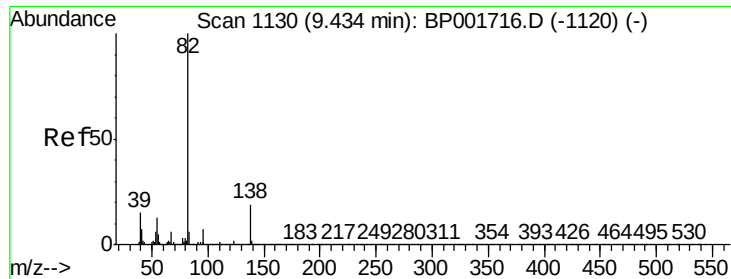
Tot Ion: 82 Resp: 1668222
Ion Ratio Lower Upper
82 100
128 44.9 35.9 53.9
54 44.3 35.4 53.2



#24
Nitrobenzene
Concen: 28.933 ng
RT: 8.91 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion: 77 Resp: 845192
Ion Ratio Lower Upper
77 100
123 47.0 37.6 56.4
65 12.8 10.2 15.4

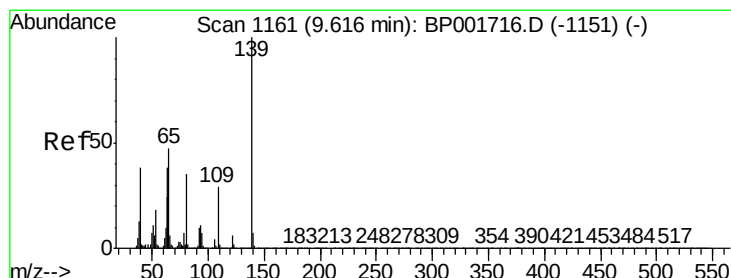
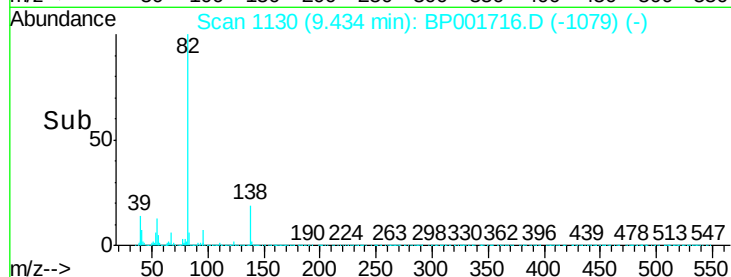
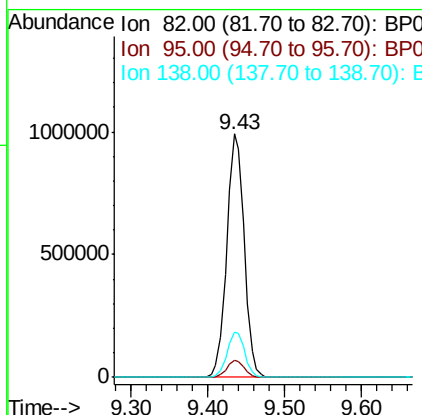
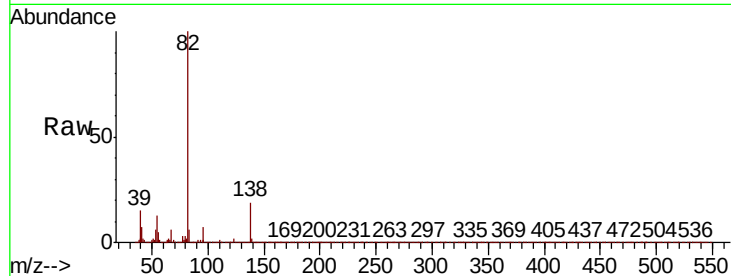




#25
Isophorone
Concen: 30.201 ng
RT: 9.43 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

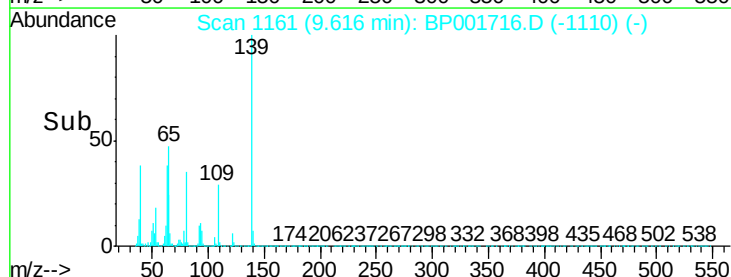
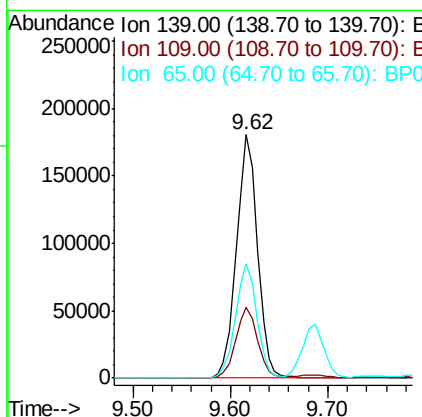
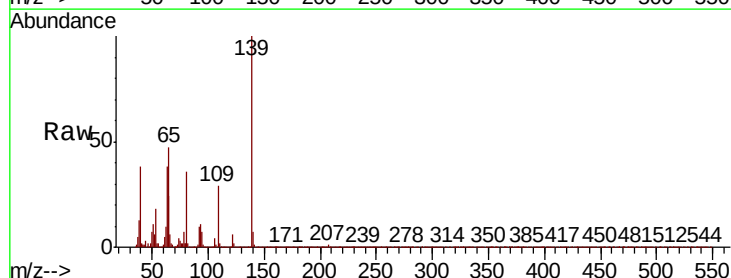
Instrument :
BNA_P
ClientSampled :

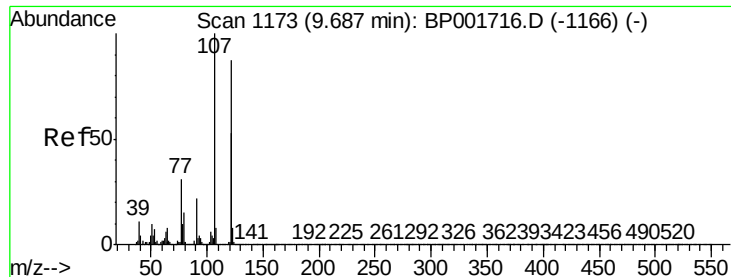
Tot Ion: 82 Resp: 1563825
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.7 15.0 22.4



#26
2-Nitrophenol
Concen: 24.602 ng
RT: 9.62 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion: 139 Resp: 271602
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 46.7 37.4 56.0

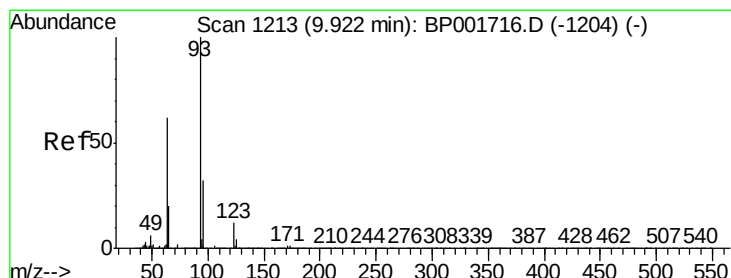
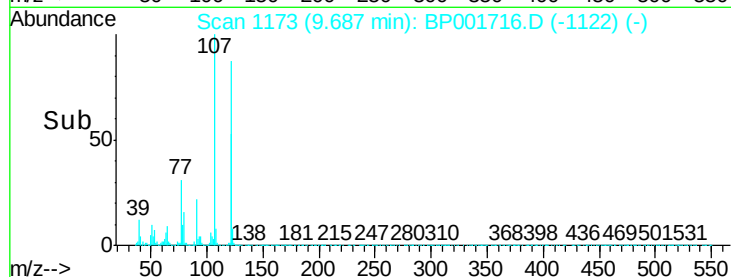
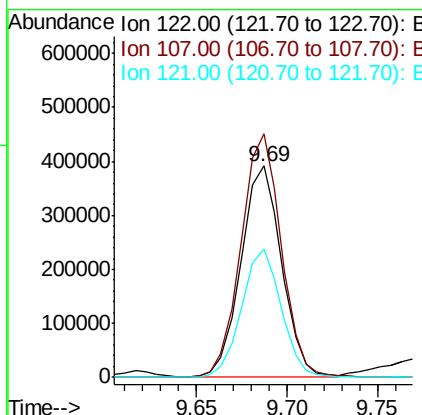
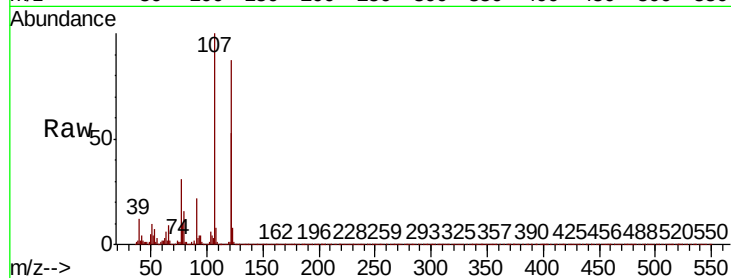




#27
2,4-Dimethylphenol
Concen: 36.859 ng
RT: 9.69 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

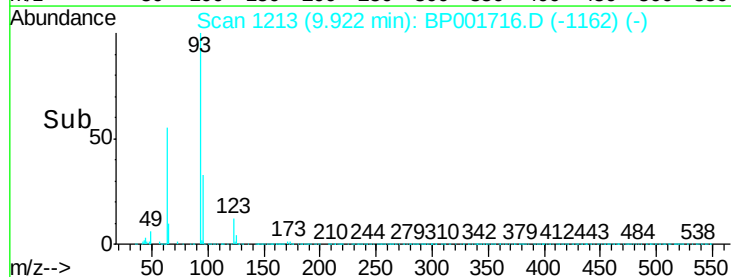
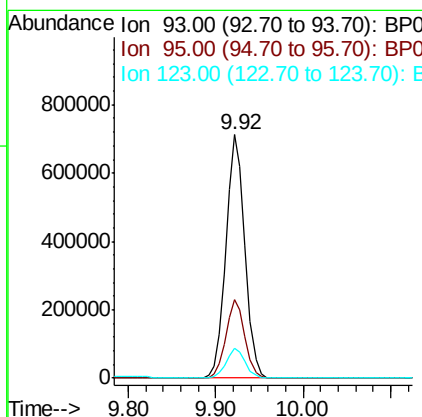
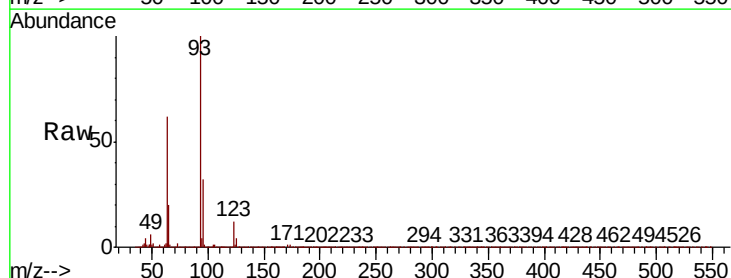
Instrument :
BNA_P
ClientSampled :

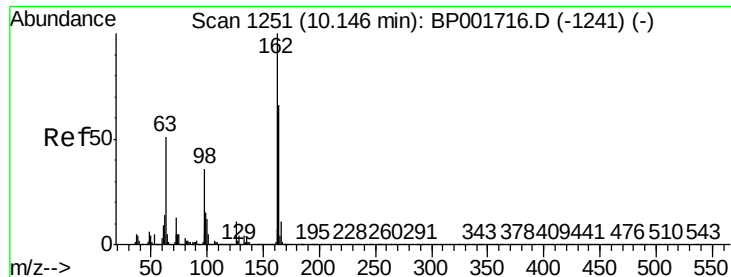
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	92.3	138.5
121	60.6	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 34.771 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	12.1	9.7	14.5

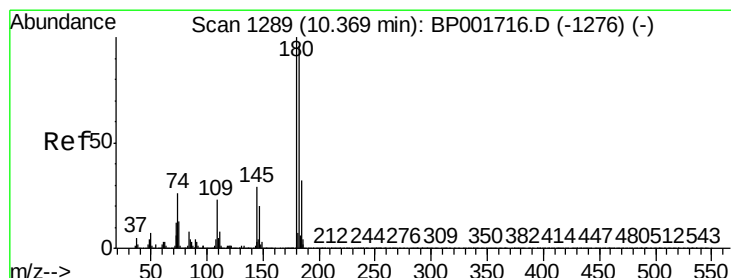
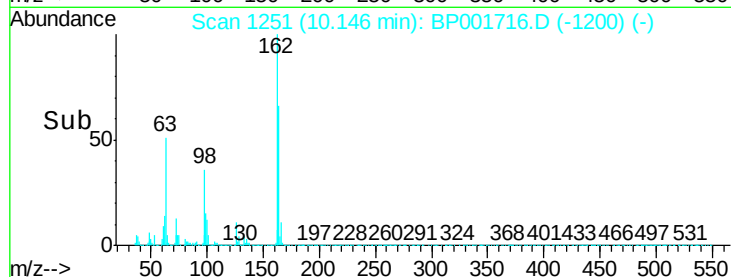
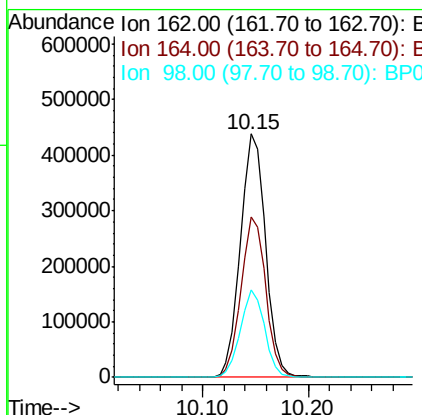
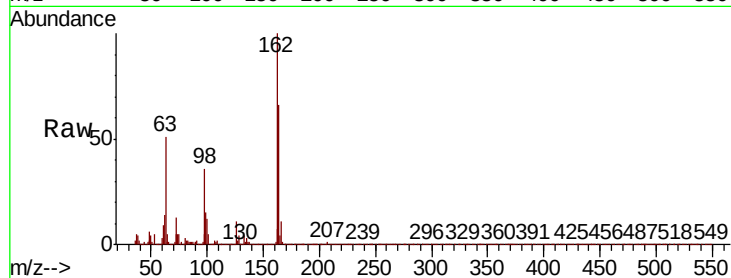




#29
 2,4-Dichlorophenol
 Concen: 31.974 ng
 RT: 10.15 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

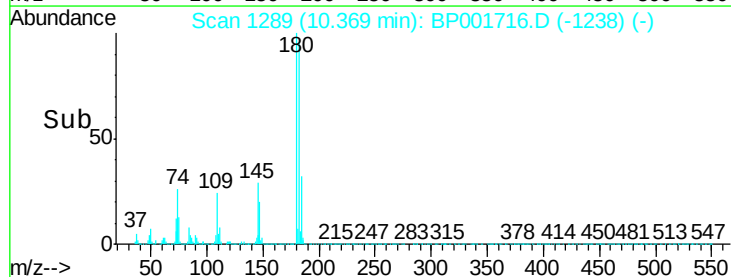
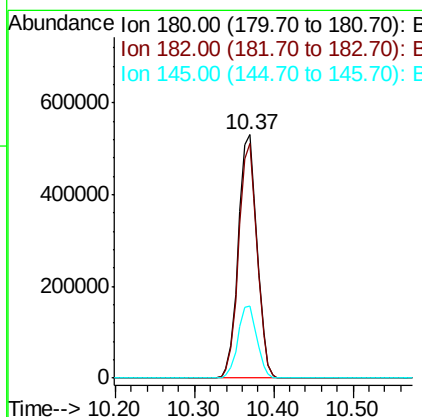
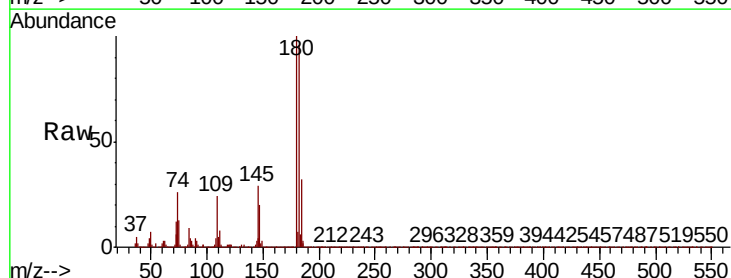
Instrument :
 BNA_P
 ClientSampleId :

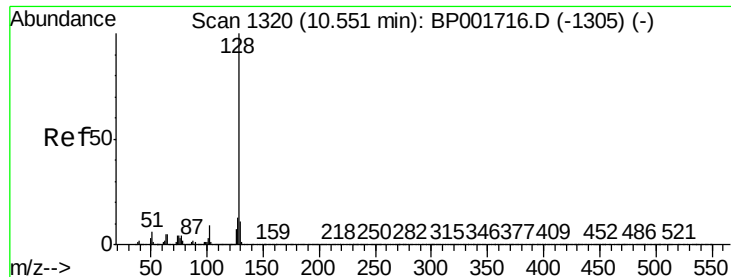
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.7	85.7
98	36.1	16.1	56.1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.771 ng
 RT: 10.37 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.2	115.8
145	29.4	23.5	35.3

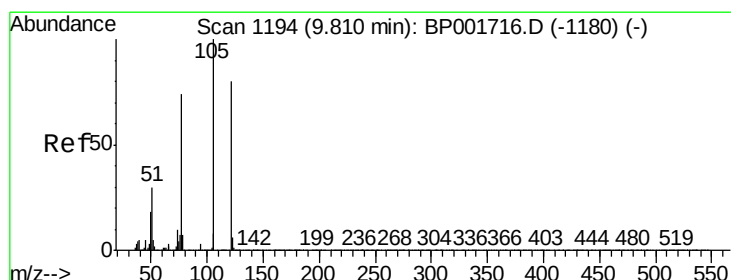
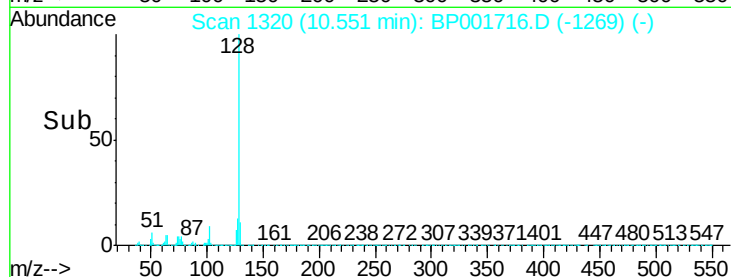
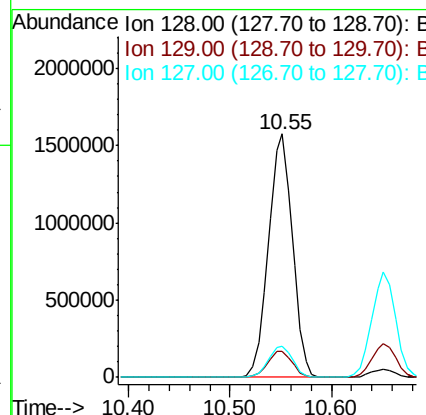
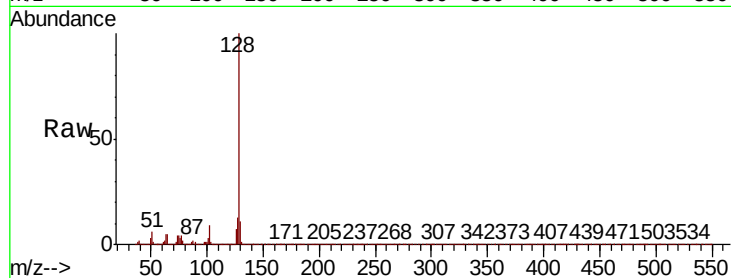




#31
Naphthalene
Concen: 38.703 ng
RT: 10.55 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

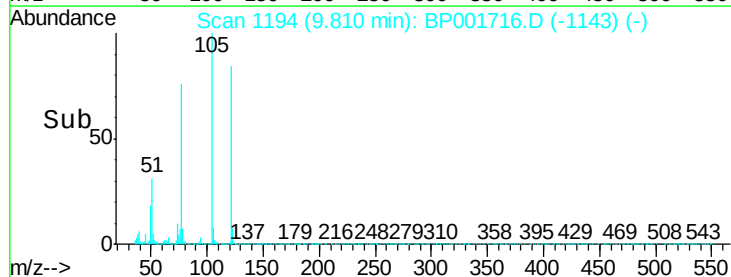
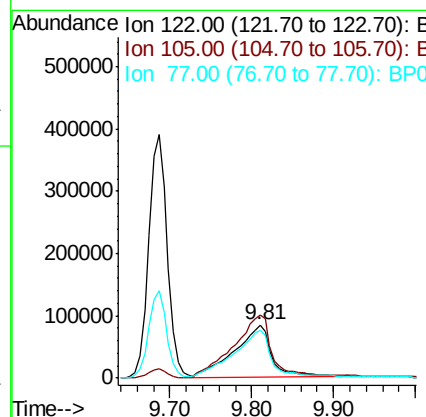
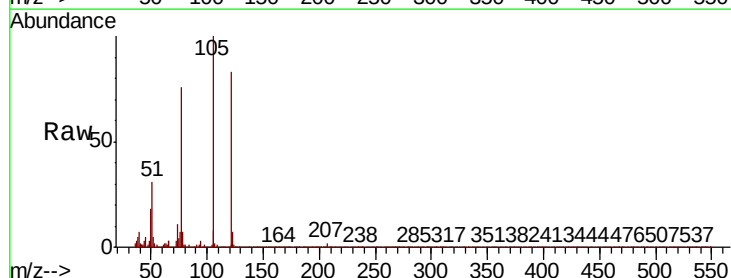
Instrument :
BNA_P
ClientSampleId :

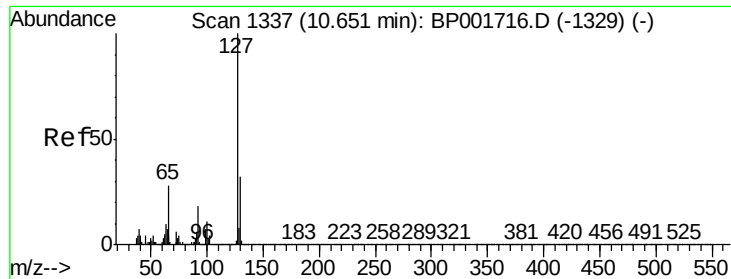
Tot Ion:128 Resp: 2577366
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 18.307 ng
RT: 9.81 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:122 Resp: 256487
Ion Ratio Lower Upper
122 100
105 119.8 99.8 139.8
77 91.0 71.0 111.0

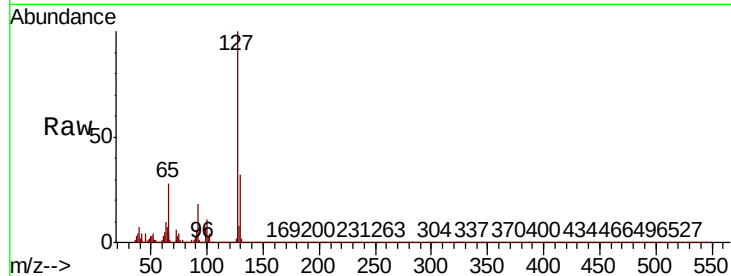




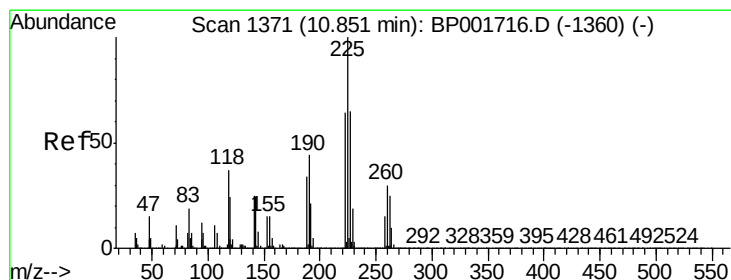
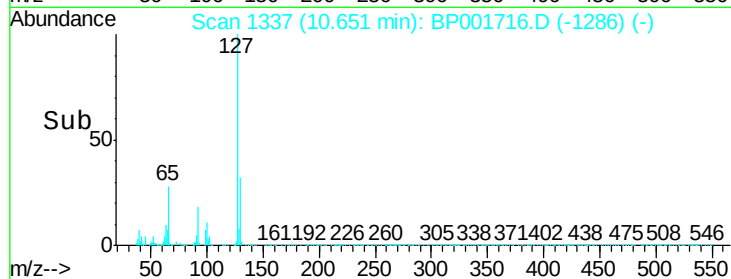
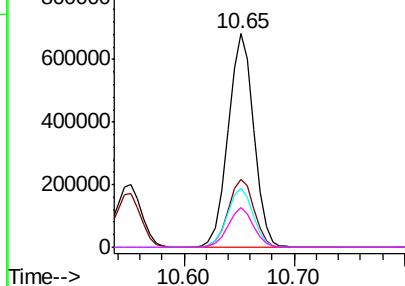
#33
4-Chloroaniline
Concen: 36.203 ng
RT: 10.65 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	1110032
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	27.7	22.2	33.2
92	18.4	14.7	22.1

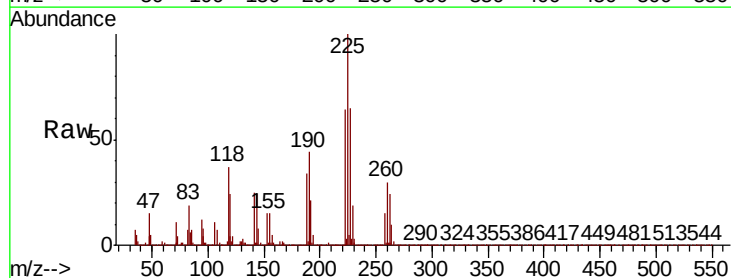


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

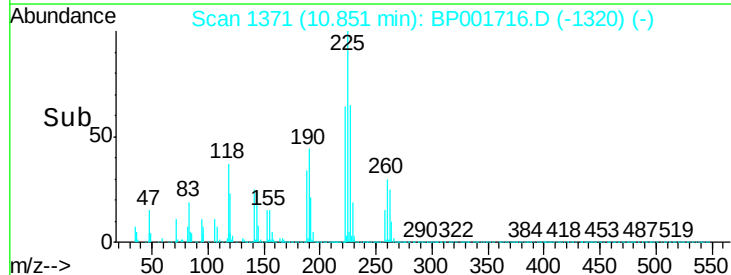
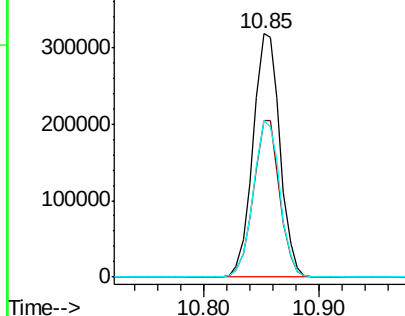


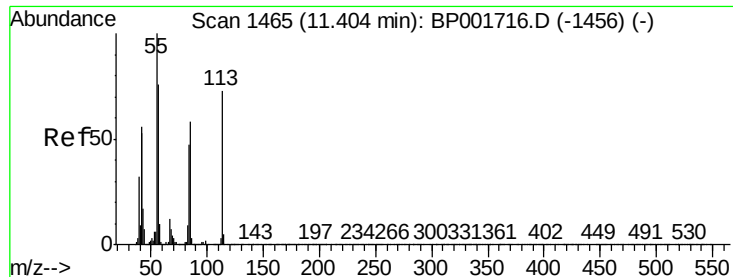
#34
Hexachlorobutadiene
Concen: 26.654 ng
RT: 10.85 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:	225	Resp:	514207
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	64.5	51.6	77.4



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

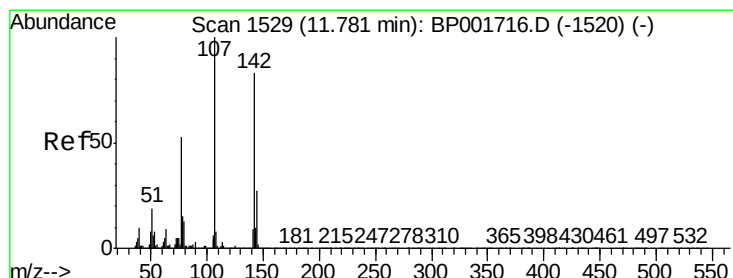
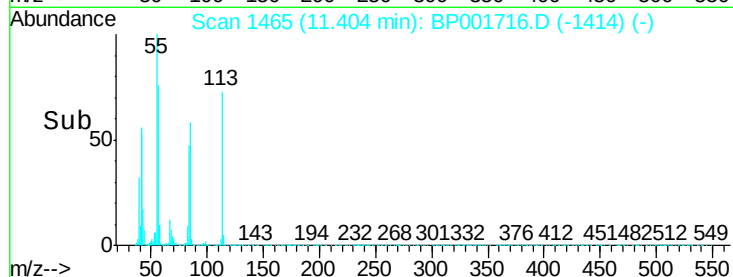
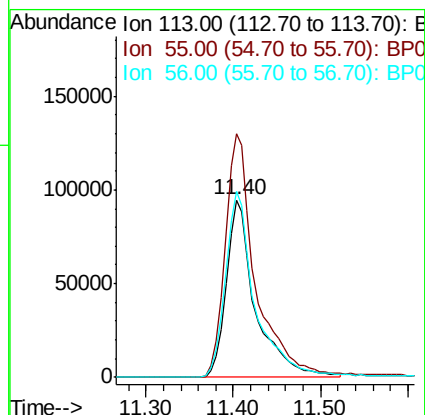
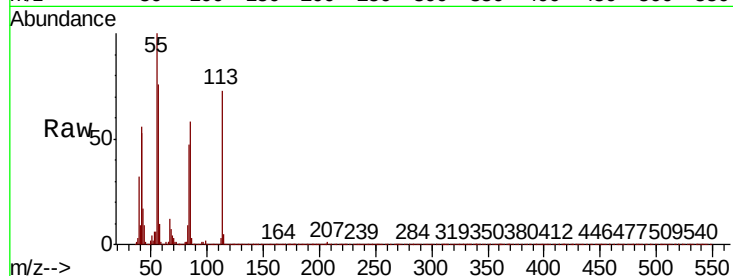




#35
Caprolactam
Concen: 26.481 ng
RT: 11.40 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

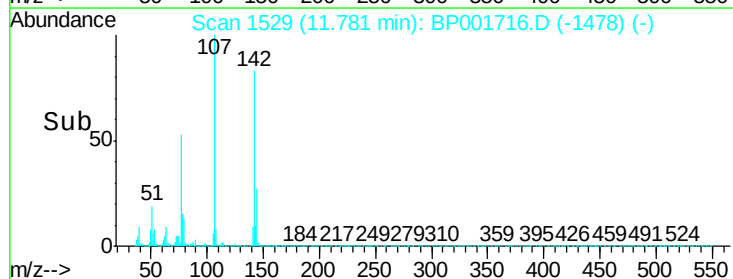
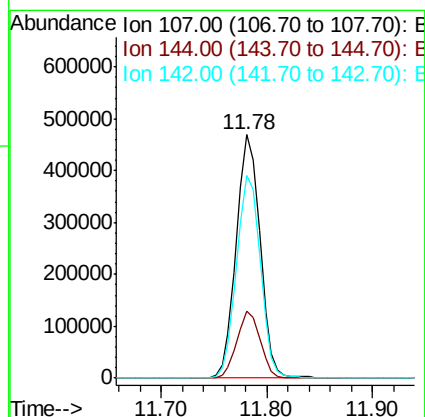
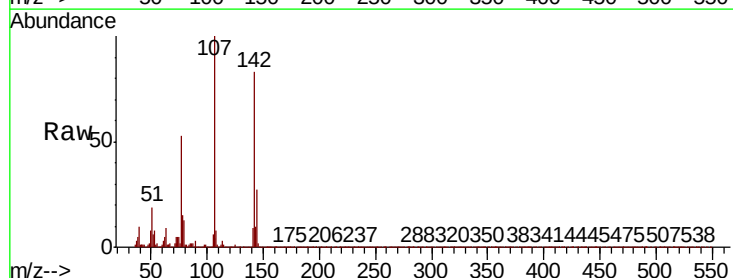
Instrument :
BNA_P
ClientSampleId :

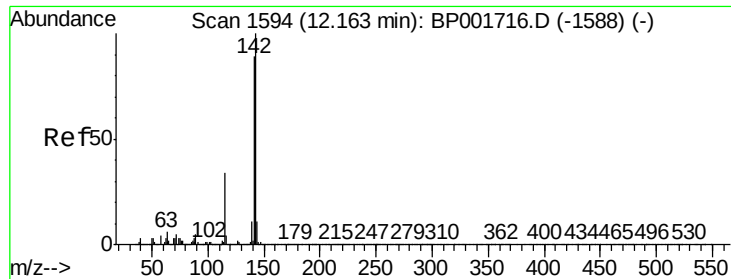
Tot Ion:113 Resp: 217088
Ion Ratio Lower Upper
113 100
55 137.4 117.4 157.4
56 104.8 84.8 124.8



#36
4-Chloro-3-methylphenol
Concen: 27.070 ng
RT: 11.78 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:107 Resp: 733423
Ion Ratio Lower Upper
107 100
144 27.4 21.9 32.9
142 83.4 66.7 100.1

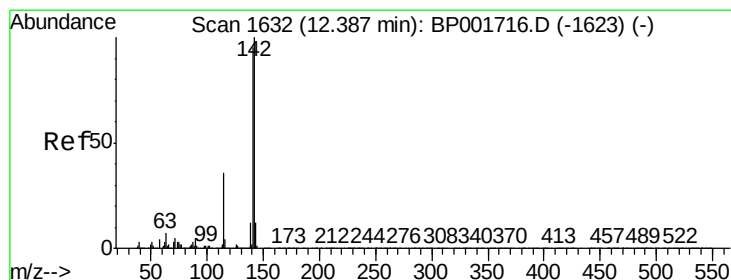
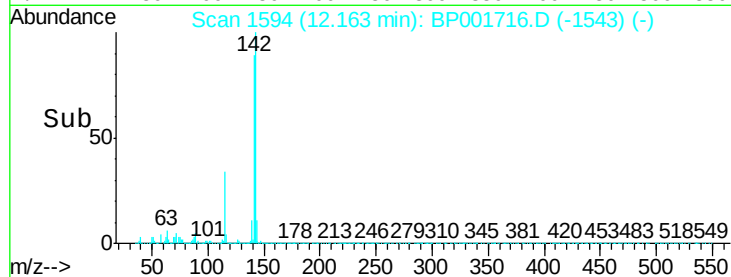
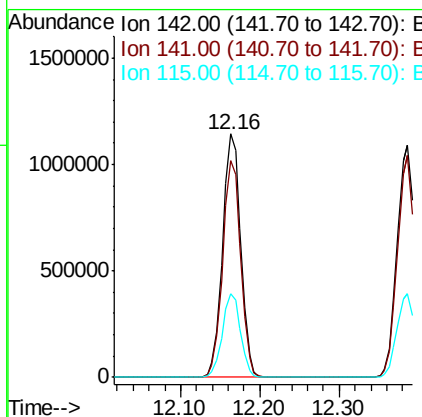
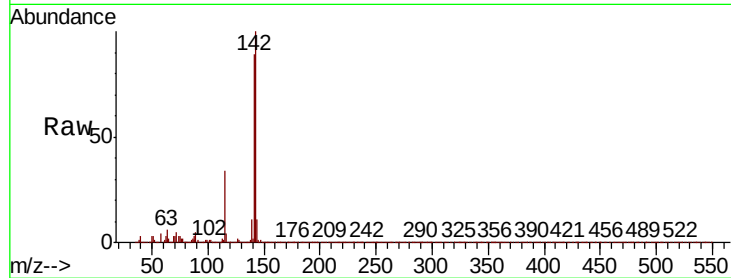




#37
2-Methylnaphthalene
Concen: 33.994 ng
RT: 12.16 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

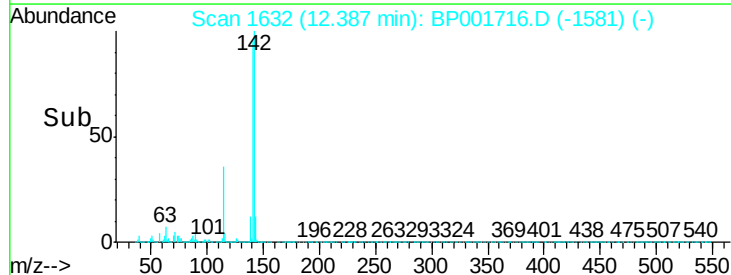
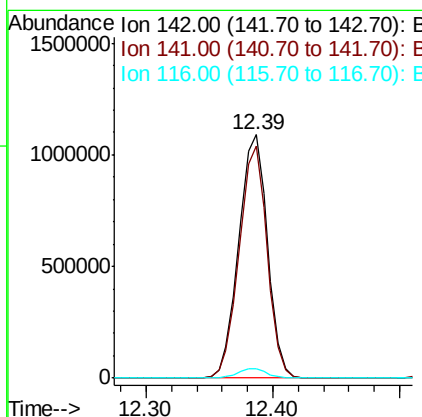
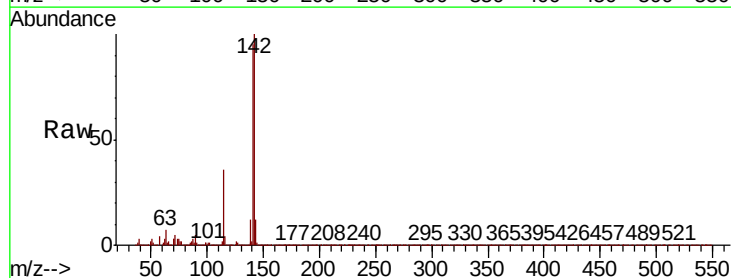
Instrument :
BNA_P
ClientSampled :

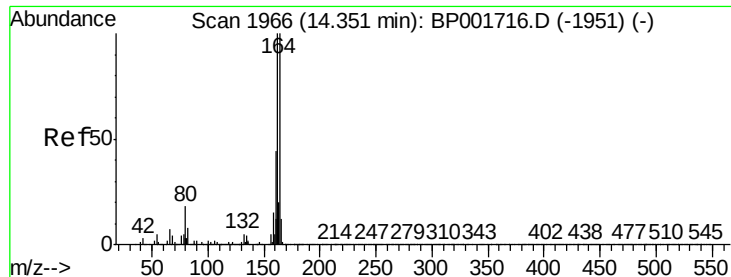
Tot Ion:142 Resp: 1804119
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 34.5 27.6 41.4



#38
1-Methylnaphthalene
Concen: 33.384 ng
RT: 12.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:142 Resp: 1704956
Ion Ratio Lower Upper
142 100
141 95.5 76.4 114.6
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

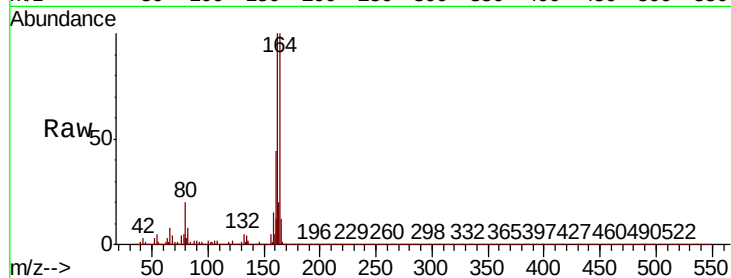
Tot Ion:164 Resp: 740807

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

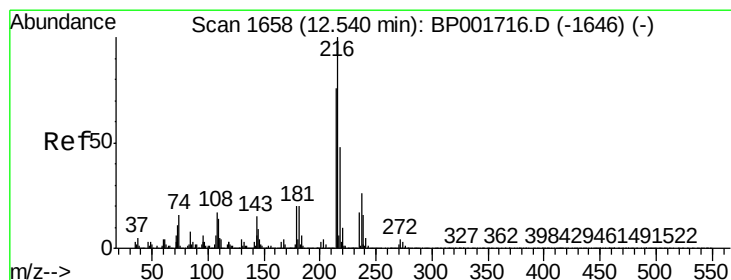
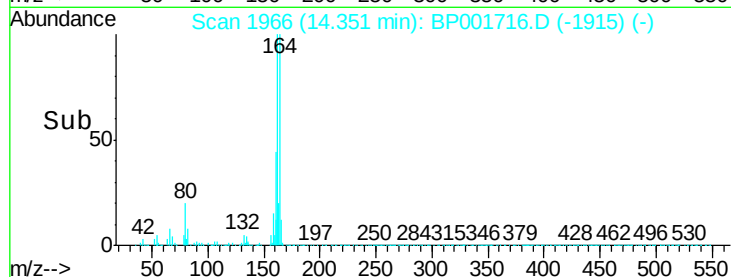
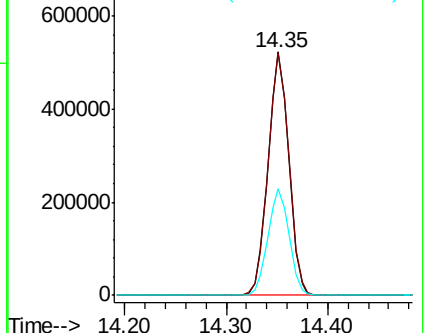
160 43.9 35.1 52.7



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: 37.223 ng

RT: 12.54 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:216 Resp: 944596

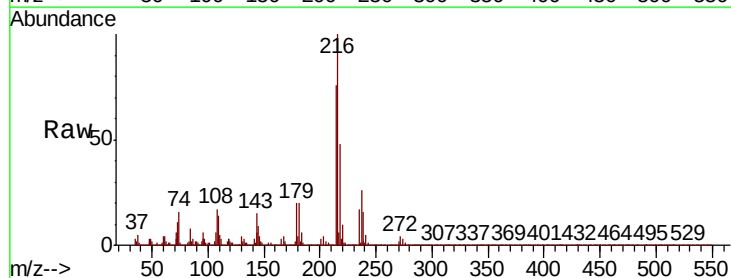
Ion Ratio Lower Upper

216 100

214 78.1 62.5 93.7

179 20.4 16.3 24.5

108 18.5 14.8 22.2

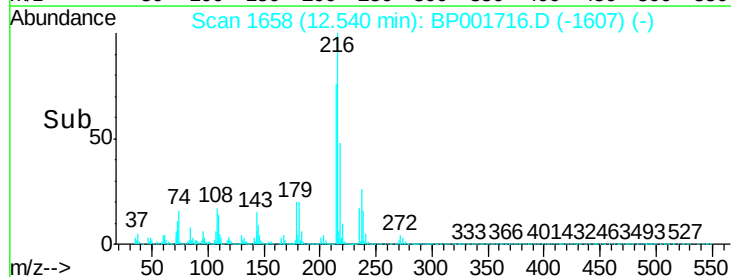
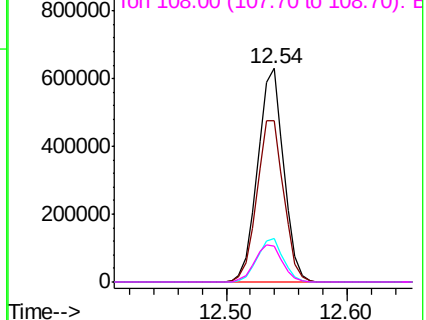


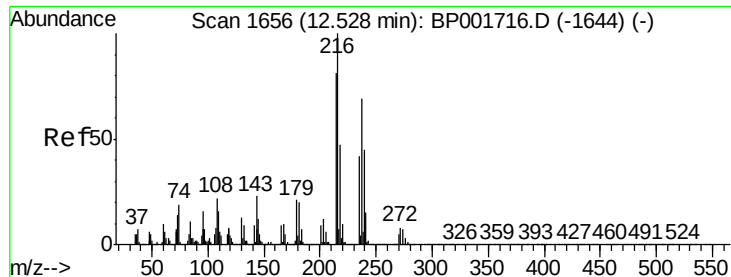
Abundance Ion 216.00 (215.70 to 216.70): E

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

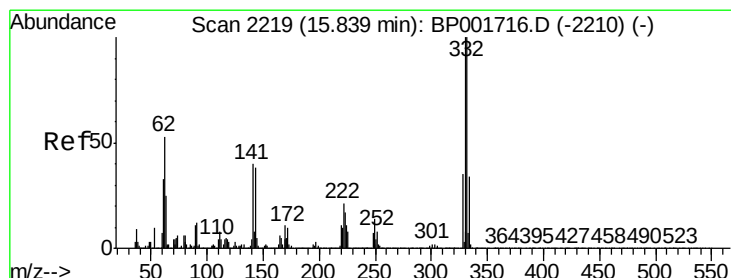
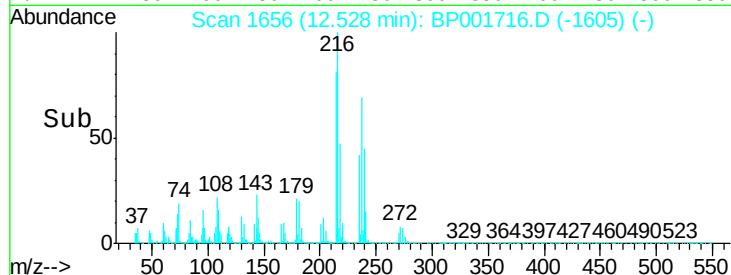
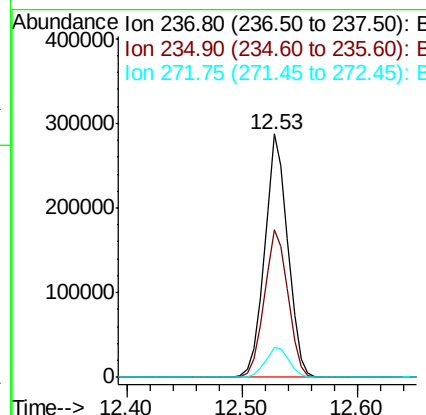
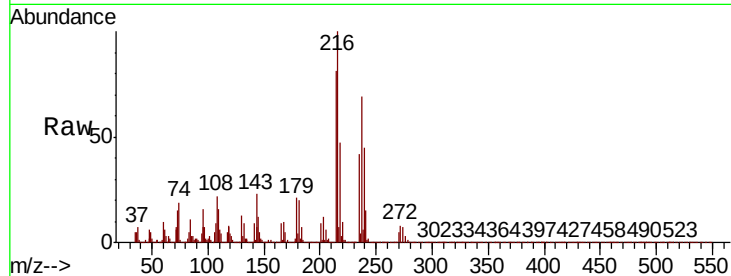




#41
Hexachlorocyclopentadiene
Concen: 31.157 ng
RT: 12.53 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

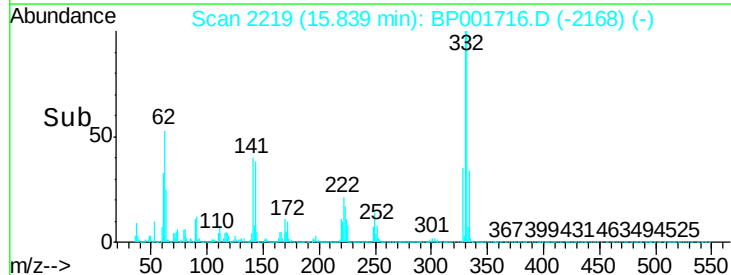
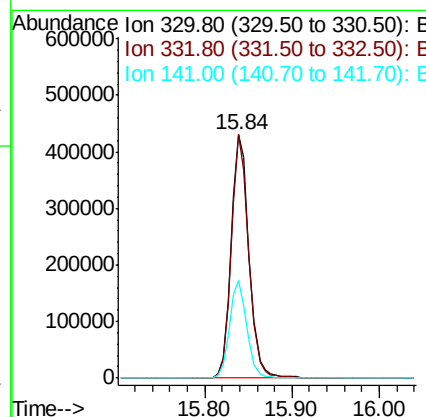
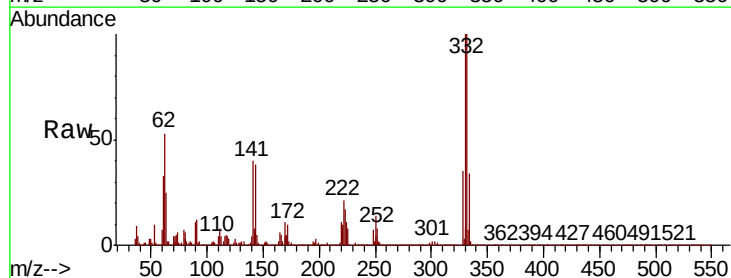
Instrument :
BNA_P
ClientSampleId :

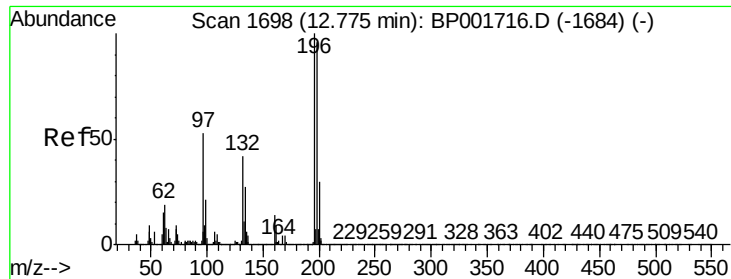
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.5	40.5	80.5
272	12.1	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 53.608 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	39.1	31.3	46.9

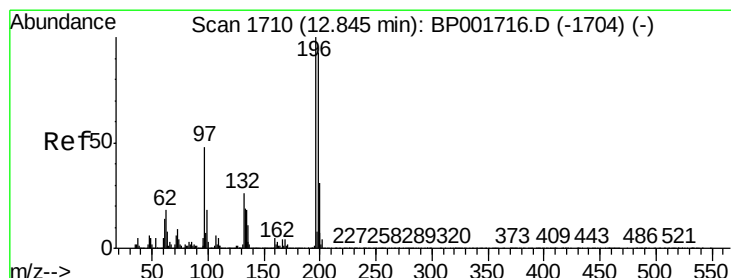
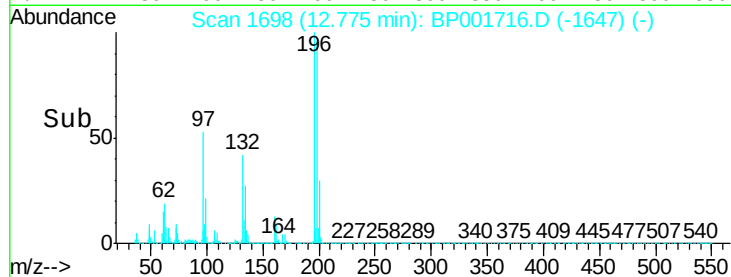
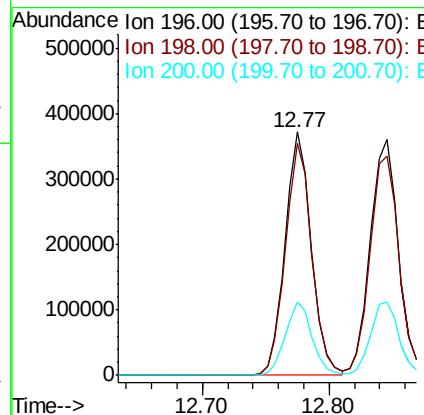
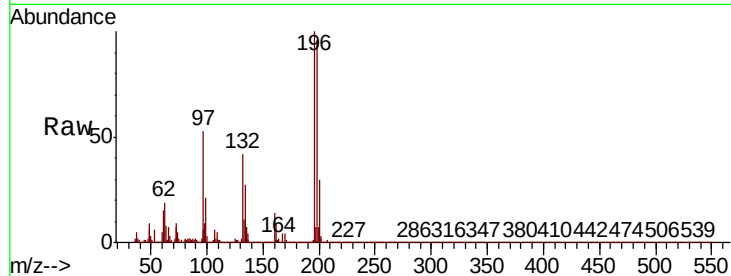




#43
2,4,6-Trichlorophenol
Concen: 32.740 ng
RT: 12.77 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

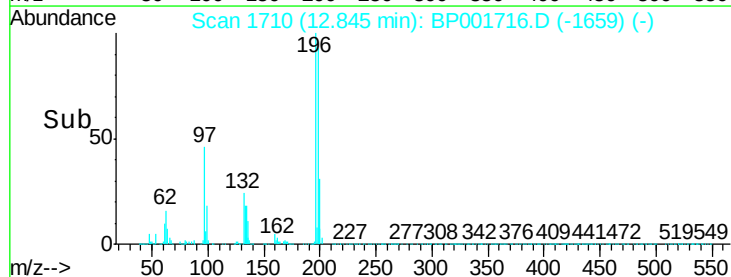
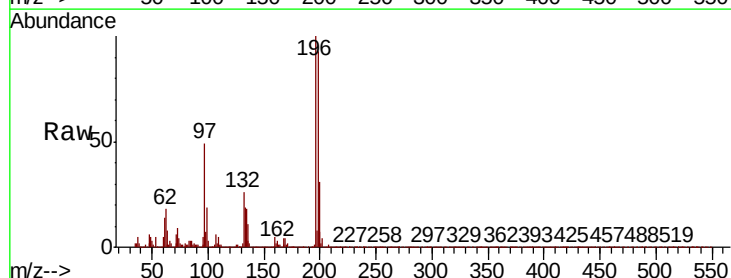
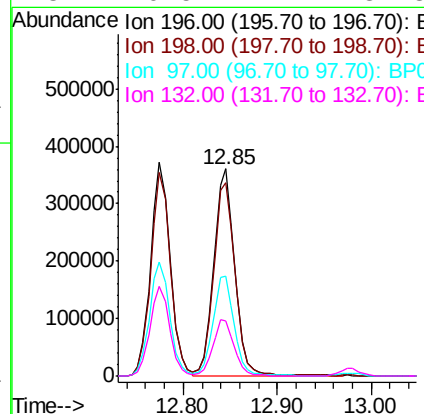
Instrument :
BNA_P
ClientSampled :

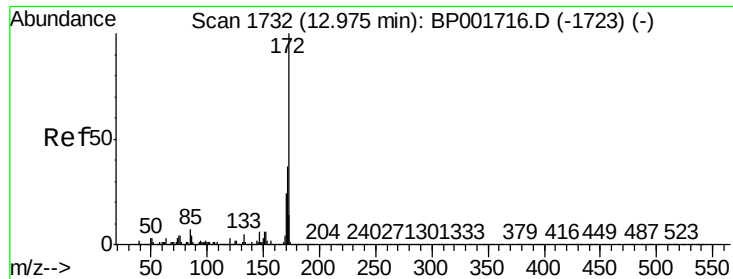
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.5	114.7
200	30.2	24.2	36.2



#44
2,4,5-Trichlorophenol
Concen: 32.278 ng
RT: 12.85 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.6	111.8
97	48.6	38.9	58.3
132	26.5	21.2	31.8

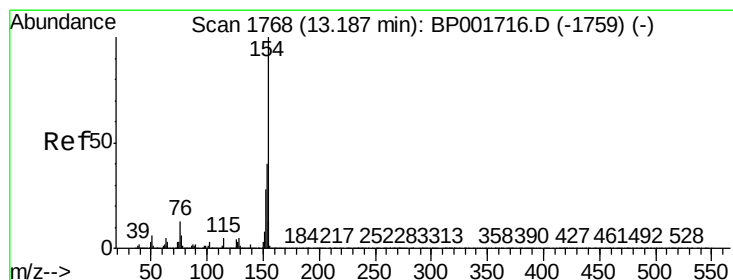
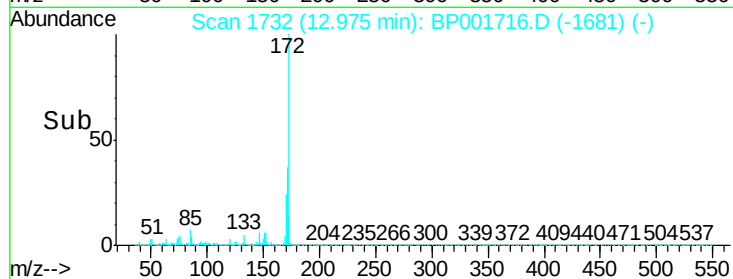
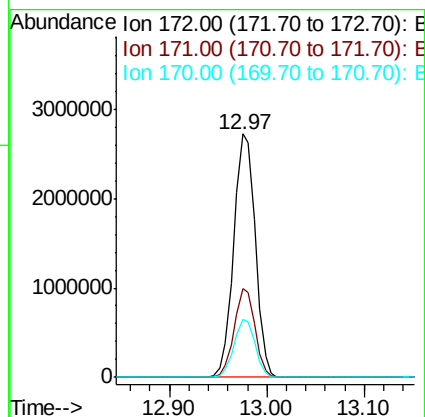
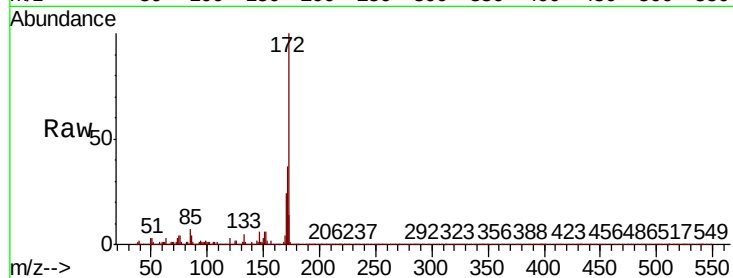




#45
2-Fluorobiphenyl
Concen: 82.408 ng
RT: 12.97 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

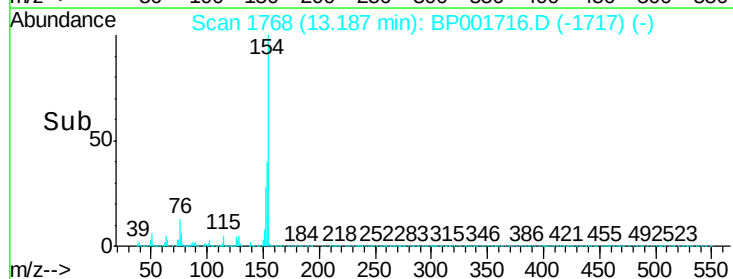
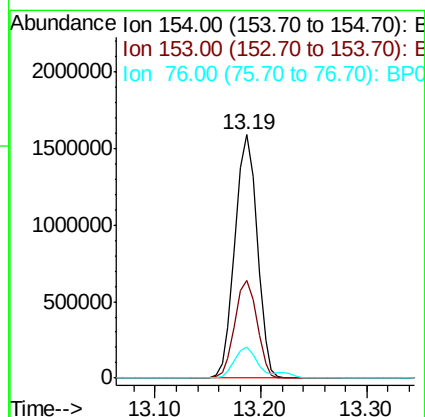
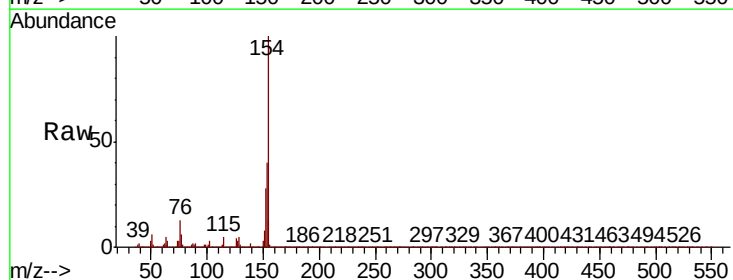
Instrument :
BNA_P
ClientSampleId :

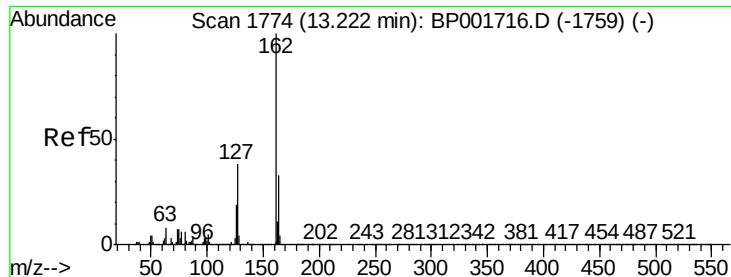
Tot Ion:172 Resp: 4152178
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.478 ng
RT: 13.19 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:154 Resp: 2308043
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 12.8 0.0 32.8

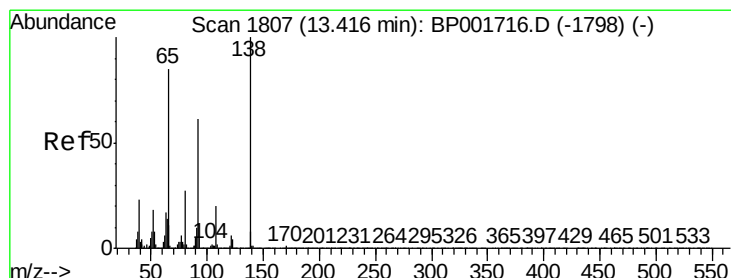
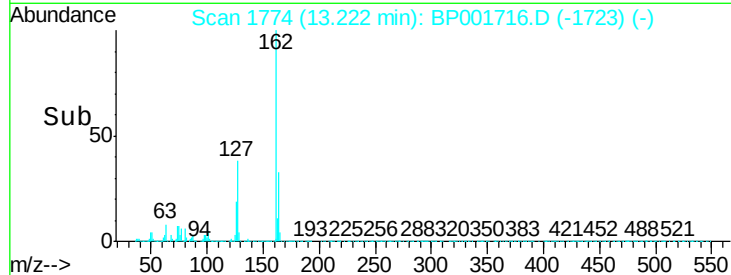
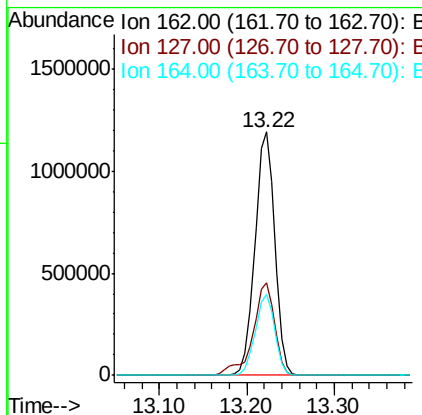
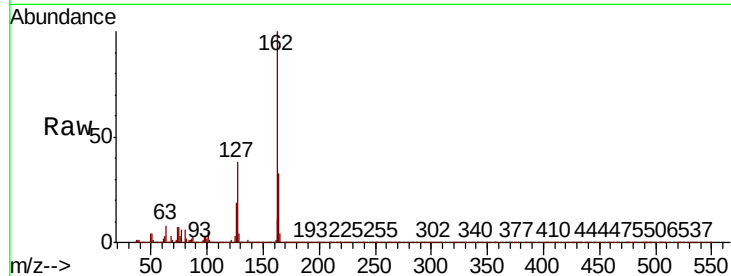




#47
2-Chloronaphthalene
Concen: 41.353 ng
RT: 13.22 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

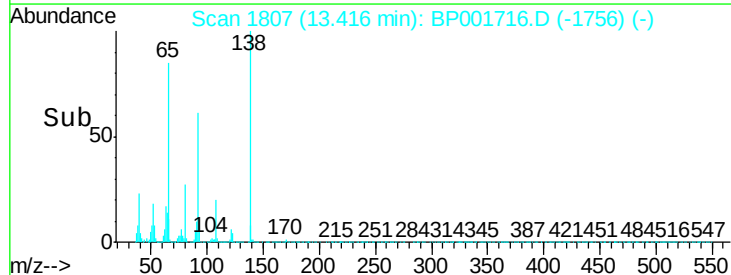
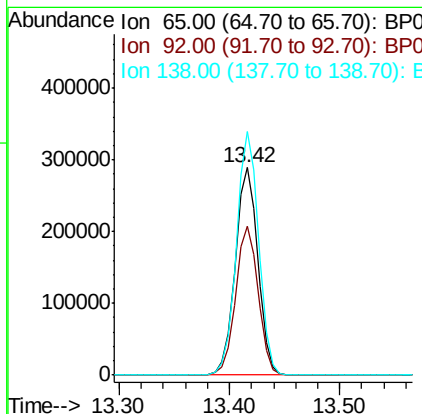
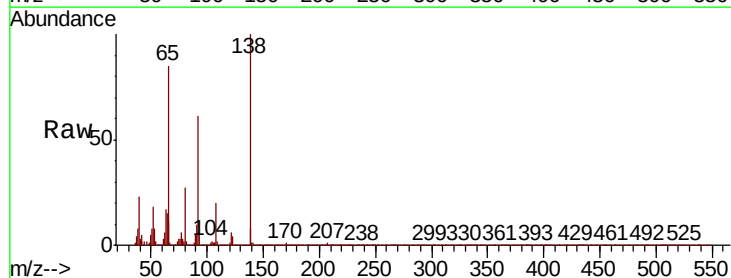
Instrument :
BNA_P
ClientSampleId :

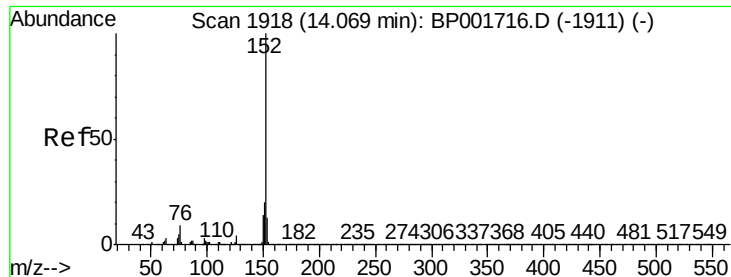
Tot Ion:162 Resp: 1824461
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 33.4 26.7 40.1



#48
2-Nitroaniline
Concen: 24.071 ng
RT: 13.42 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion: 65 Resp: 417240
Ion Ratio Lower Upper
65 100
92 72.1 57.7 86.5
138 117.5 94.0 141.0





#49

Acenaphthylene

Concen: 40.302 ng

RT: 14.07 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

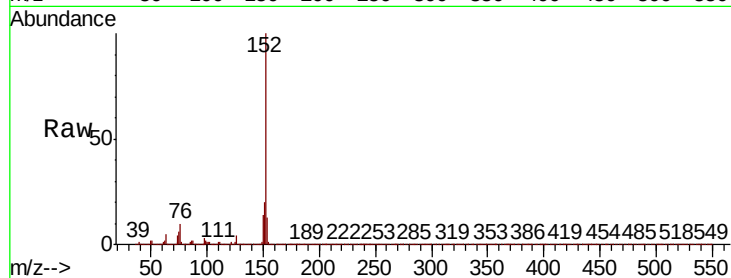
Tot Ion:152 Resp: 2742264

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 12.9 10.3 15.5



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

2500000

2000000

1500000

1000000

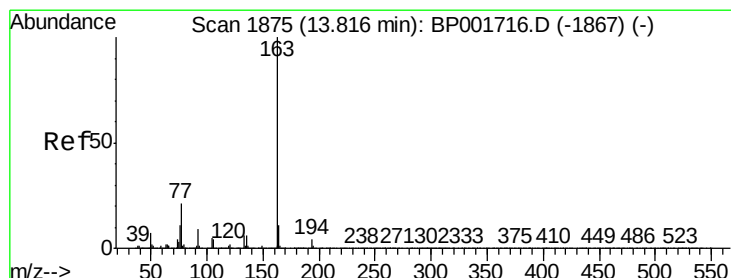
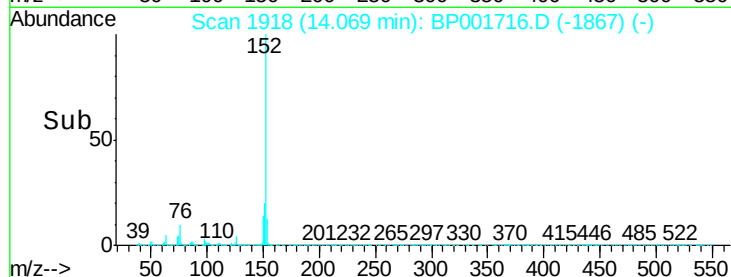
500000

0

14.07

14.00 14.10 14.20

Time-->



#50

Dimethylphthalate

Concen: 35.499 ng

RT: 13.82 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

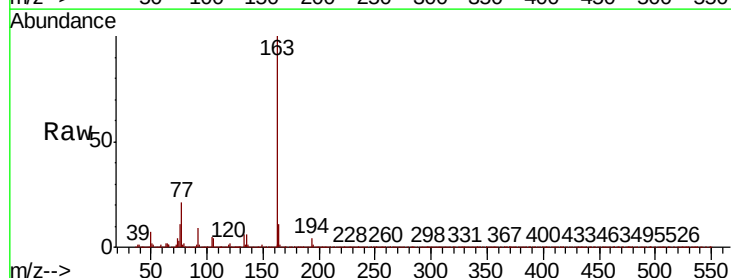
Tgt Ion:163 Resp: 2166043

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.9 8.7 13.1



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

2000000

1500000

1000000

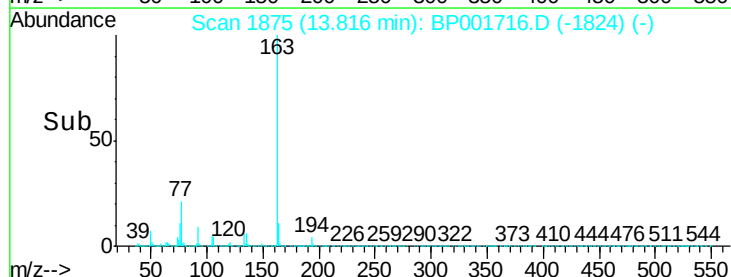
500000

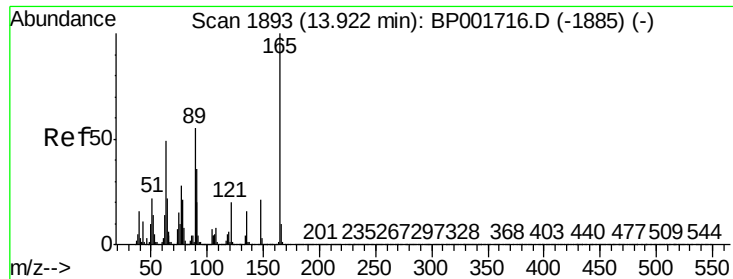
0

13.82

13.80 13.90

Time-->

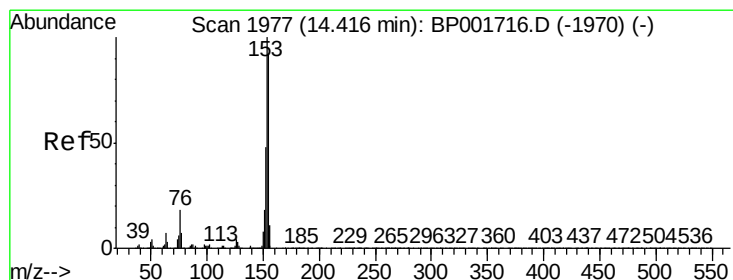
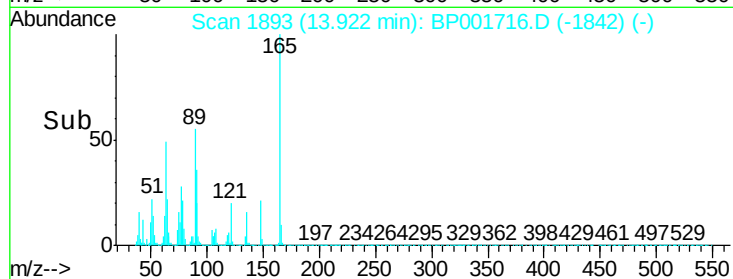
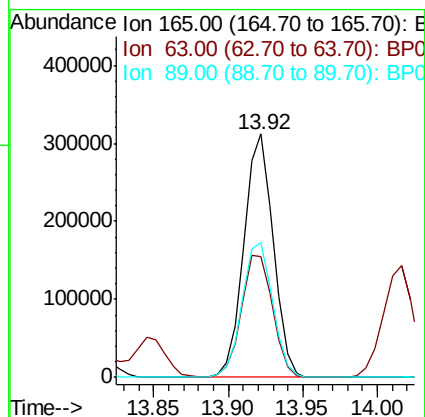
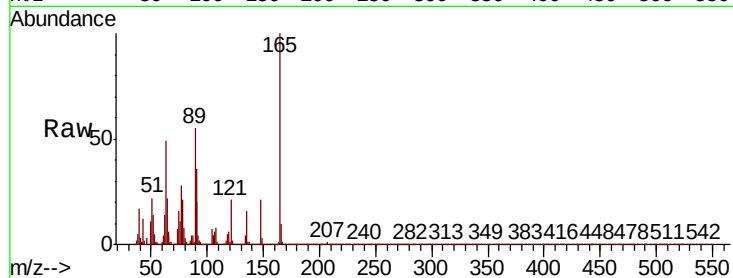




#51
 2,6-Dinitrotoluene
 Concen: 32.725 ng
 RT: 13.92 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

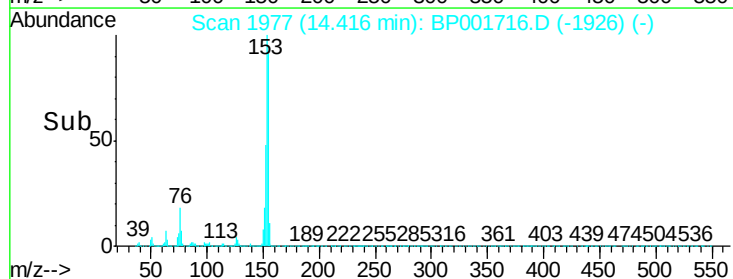
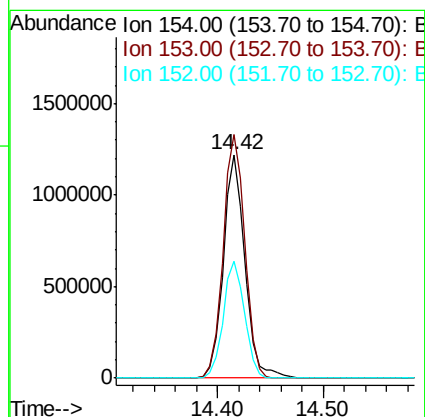
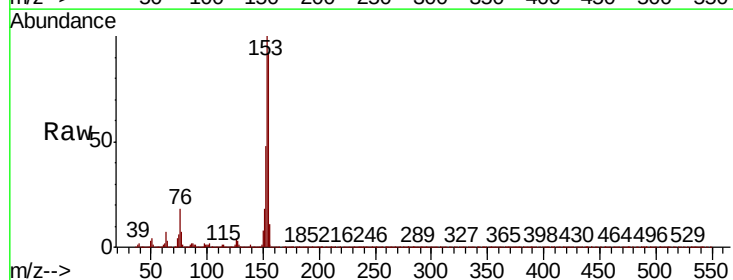
Instrument :
 BNA_P
 ClientSampleId :

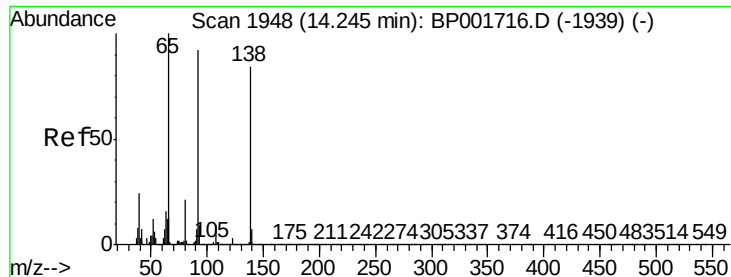
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	39.5	59.3
89	55.3	44.2	66.4



#52
 Acenaphthene
 Concen: 41.129 ng
 RT: 14.42 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.1	87.3	130.9
152	52.4	41.9	62.9

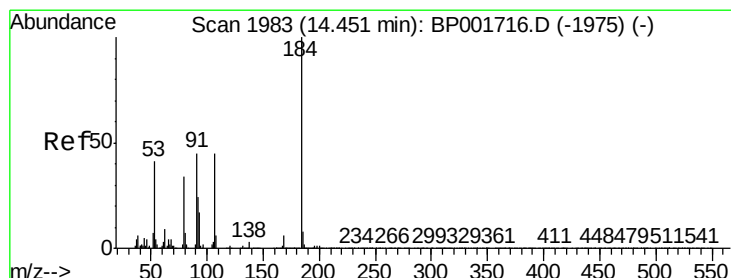
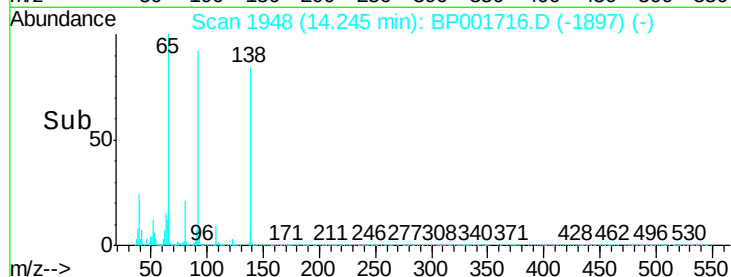
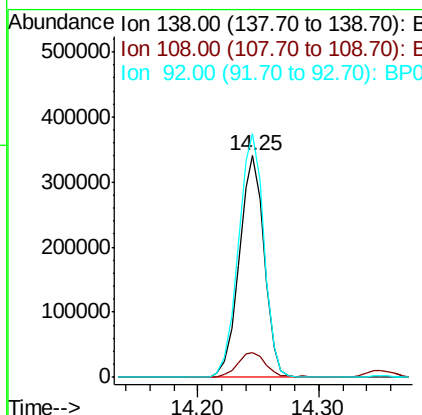
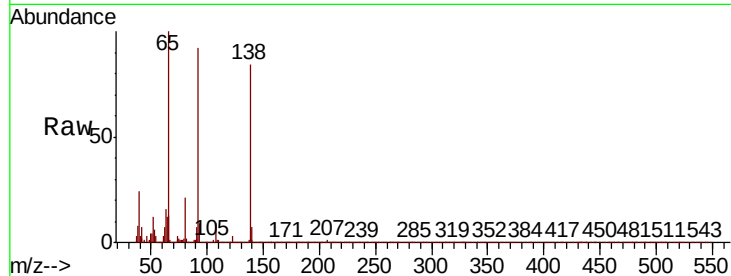




#53
3-Nitroaniline
Concen: 35.872 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

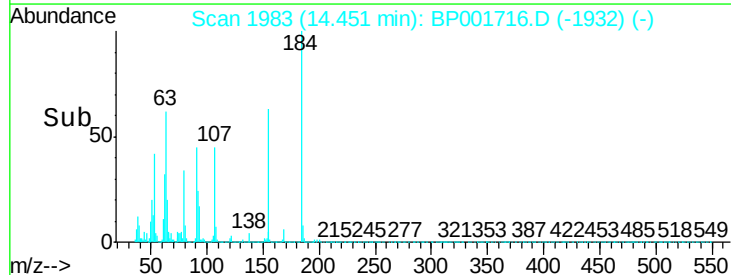
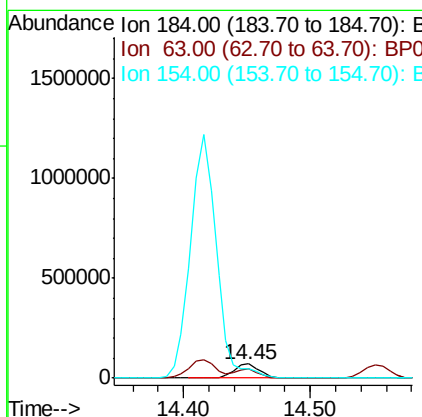
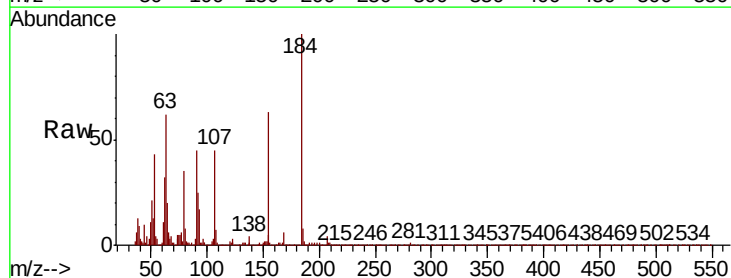
Instrument :
BNA_P
ClientSampled :

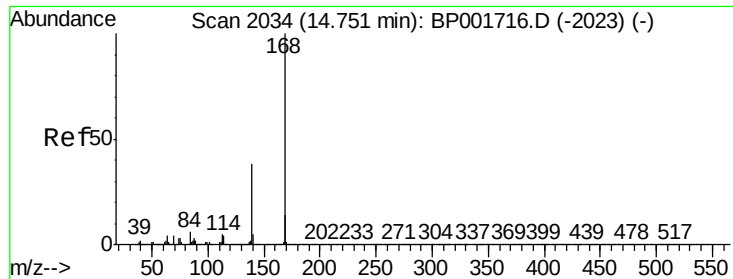
Tot Ion:138 Resp: 490057
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 110.0 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 13.790 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:184 Resp: 100329
Ion Ratio Lower Upper
184 100
63 62.2 49.8 74.6
154 63.2 50.6 75.8

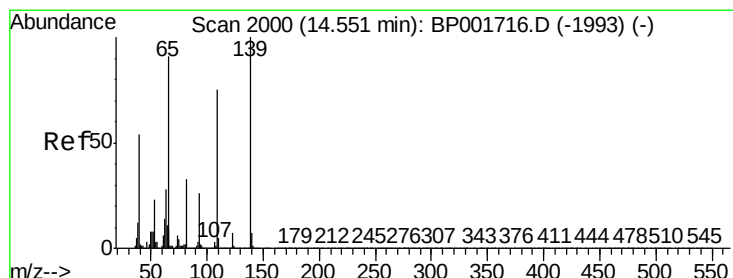
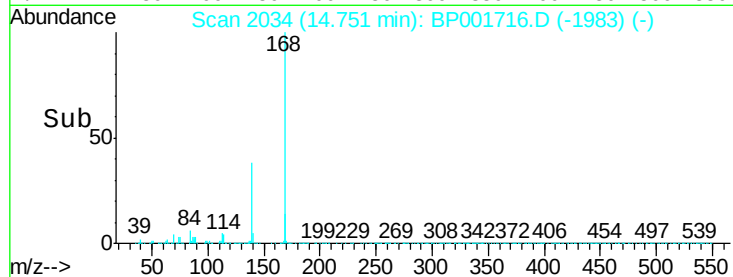
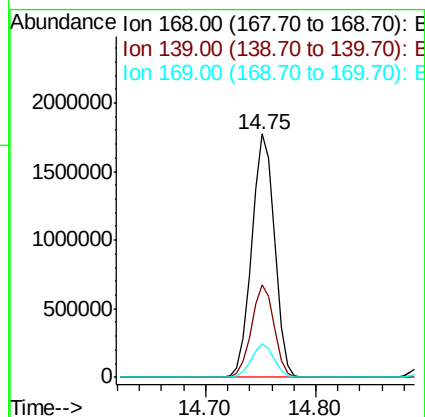
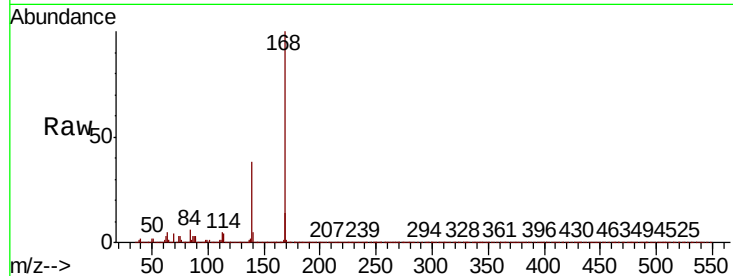




#55
Dibenzofuran
Concen: 36.165 ng
RT: 14.75 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

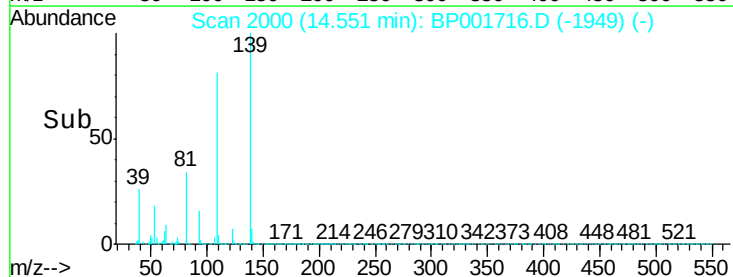
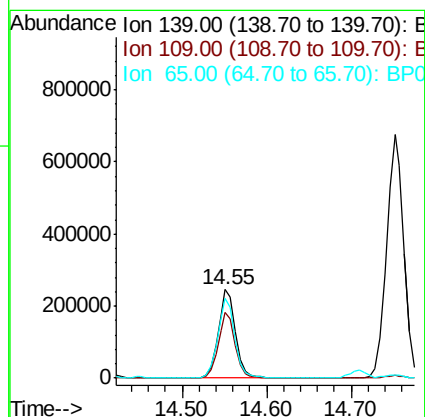
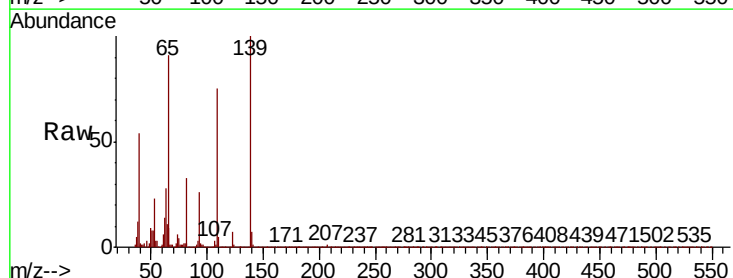
Instrument :
BNA_P
ClientSampleId :

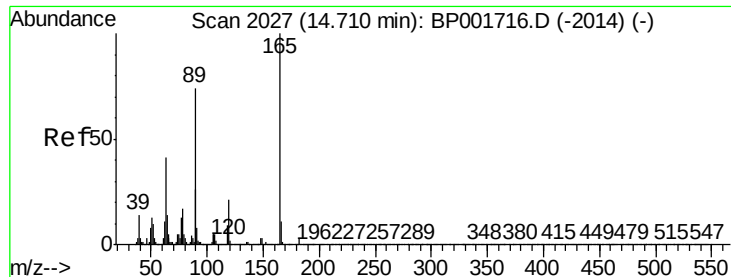
Tot Ion:168 Resp: 2577167
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 32.559 ng
RT: 14.55 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:139 Resp: 355186
Ion Ratio Lower Upper
139 100
109 74.8 54.8 94.8
65 90.7 70.7 110.7

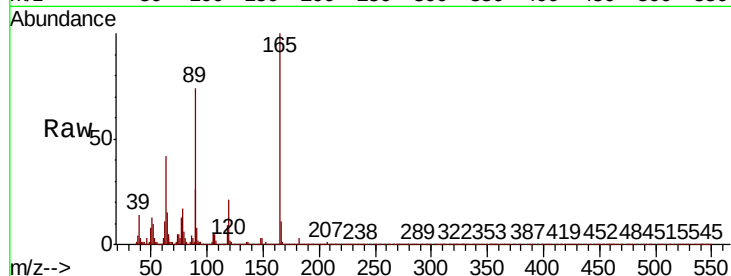




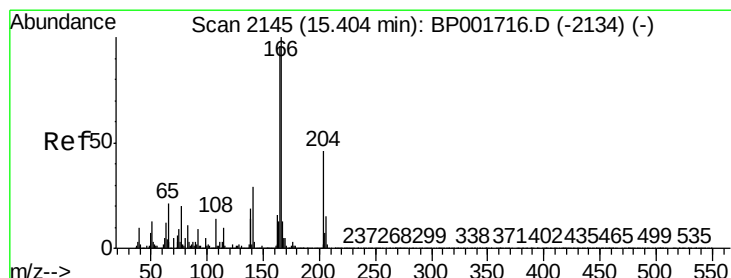
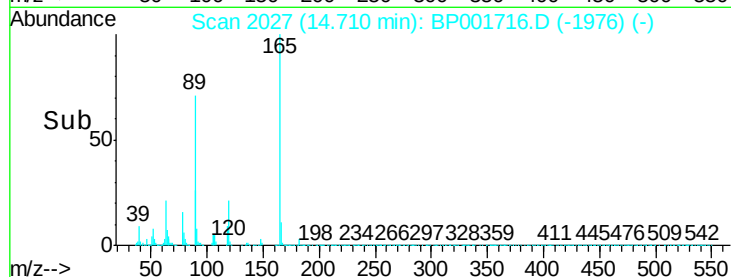
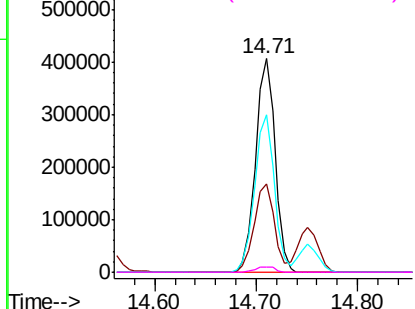
#57
2,4-Dinitrotoluene
Concen: 28.763 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	544553
Ion	Ratio	Lower Upper
165	100	
63	41.6	33.3 49.9
89	73.8	59.0 88.6
182	2.6	2.1 3.1

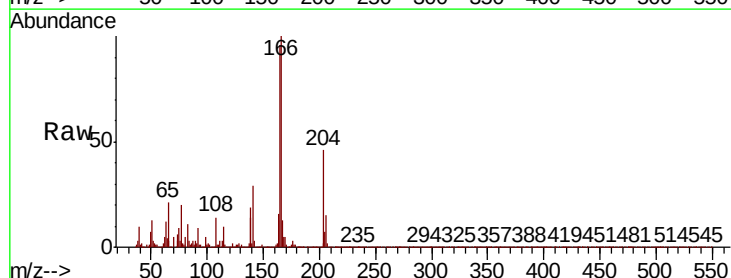


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

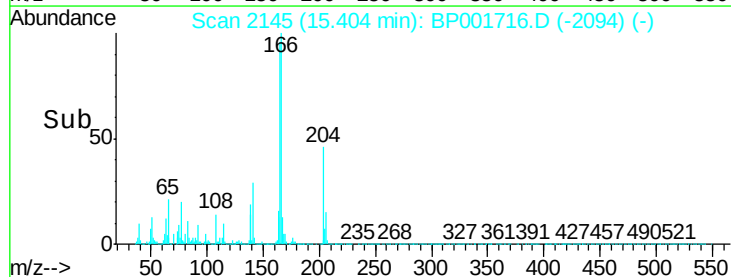
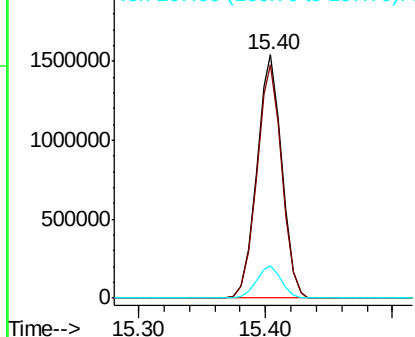


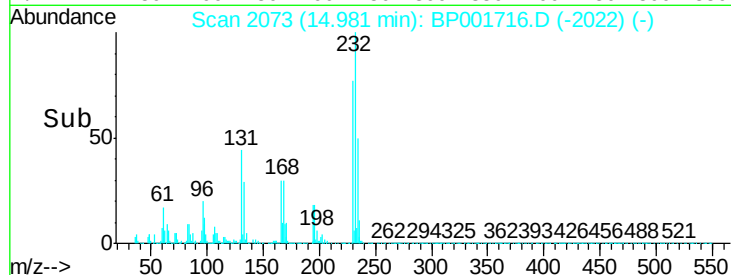
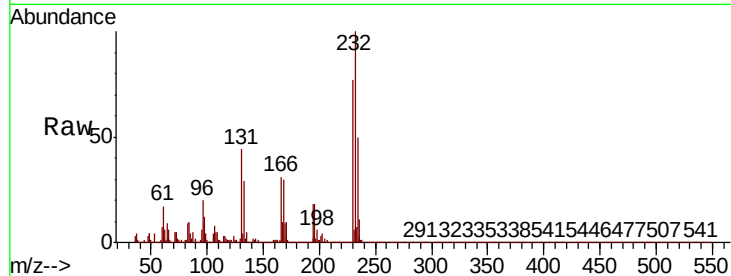
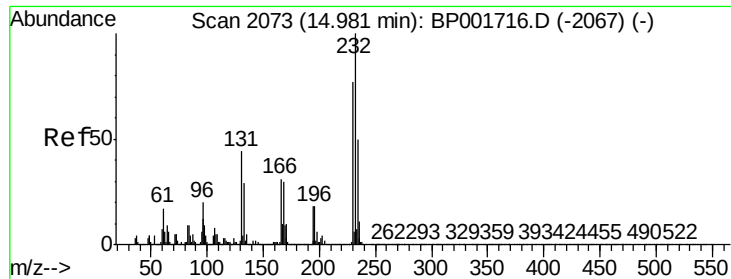
#58
Fluorene
Concen: 36.648 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:166	Resp:	2113275
Ion	Ratio	Lower Upper
166	100	
165	95.7	76.6 114.8
167	13.3	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 27.634 ng

RT: 14.98 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 496274

Ion Ratio Lower Upper

232 100

131 45.6 36.5 54.7

130 2.4 1.9 2.9

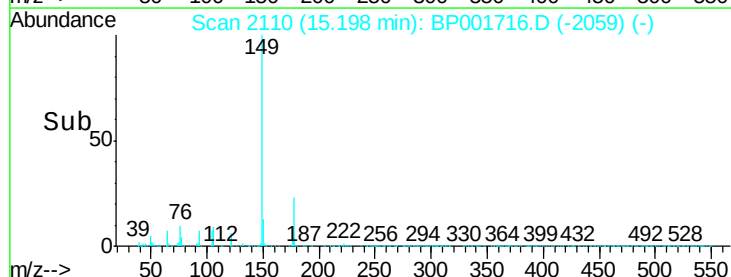
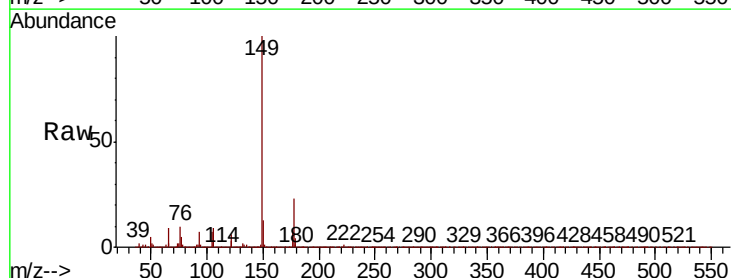
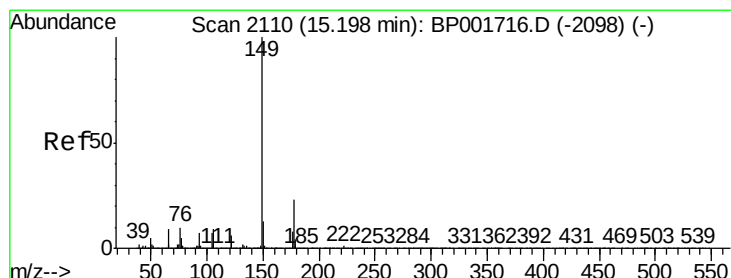
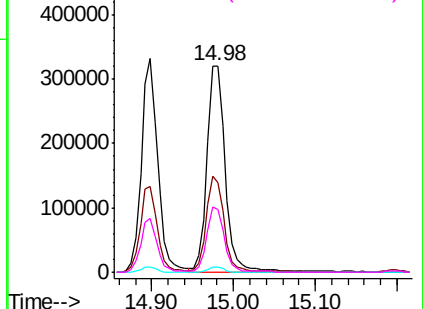
166 31.5 25.2 37.8

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.595 ng

RT: 15.20 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:149 Resp: 2171057

Ion Ratio Lower Upper

149 100

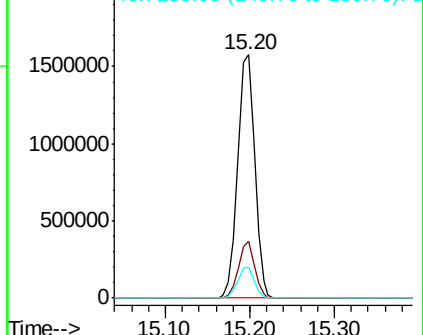
177 23.1 18.5 27.7

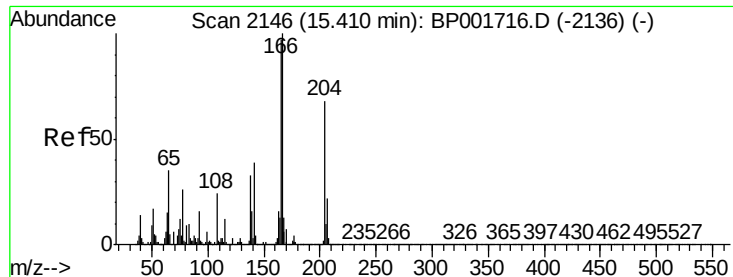
150 12.6 10.1 15.1

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 31.999 ng

RT: 15.41 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

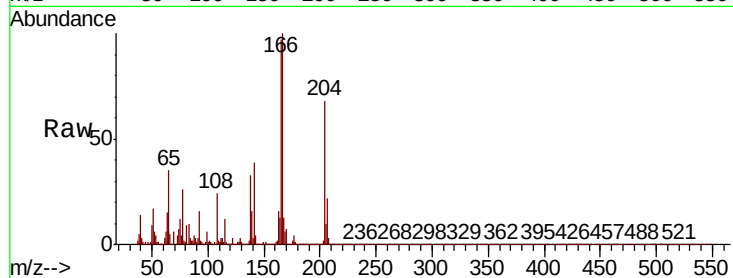
Instrument :

BNA_P

ClientSampleId :

Tot Ion:204 Resp: 1056037

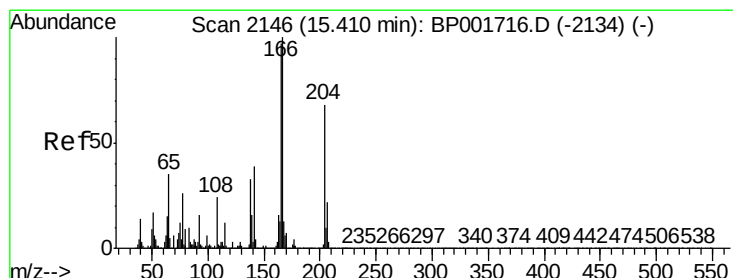
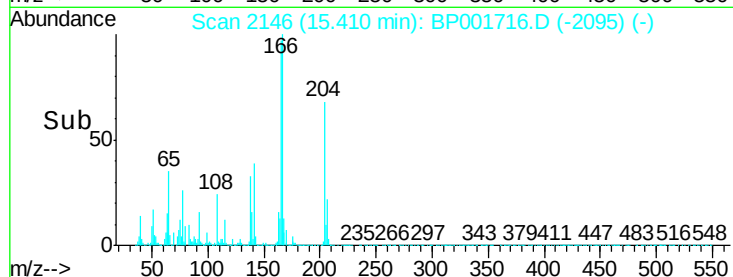
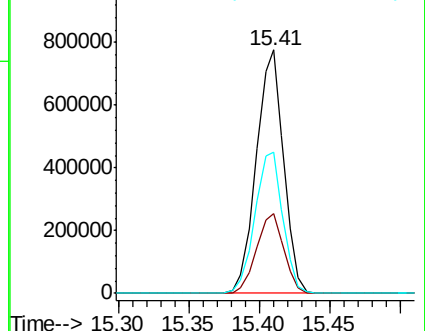
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	57.8	46.2	69.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 34.057 ng

RT: 15.41 min Scan# 2146

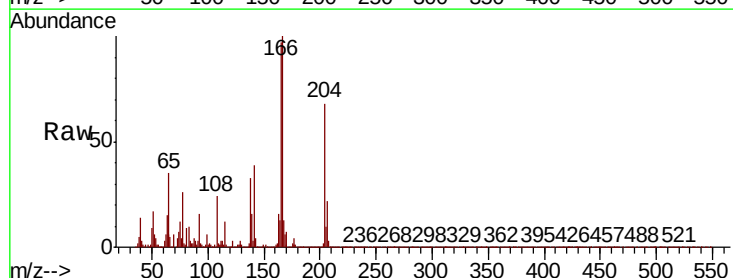
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:138 Resp: 530464

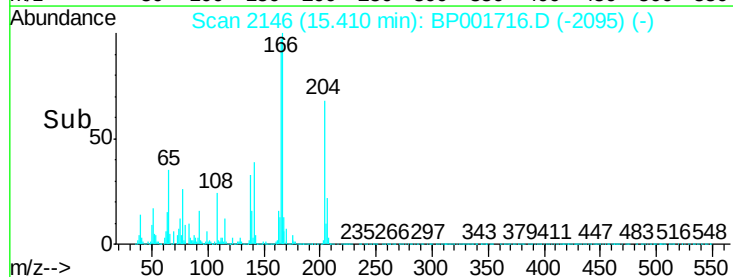
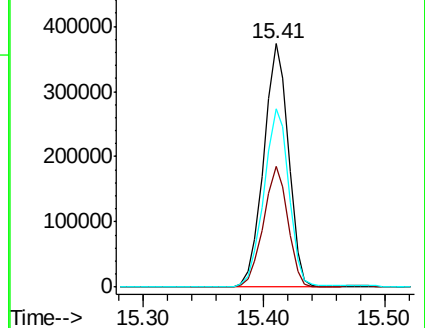
Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.5	69.5
108	73.1	53.1	93.1

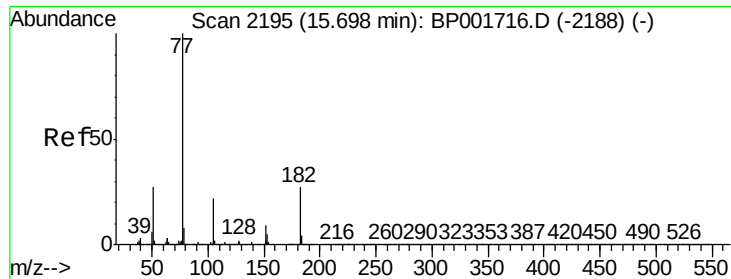


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 31.605 ng

RT: 15.70 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

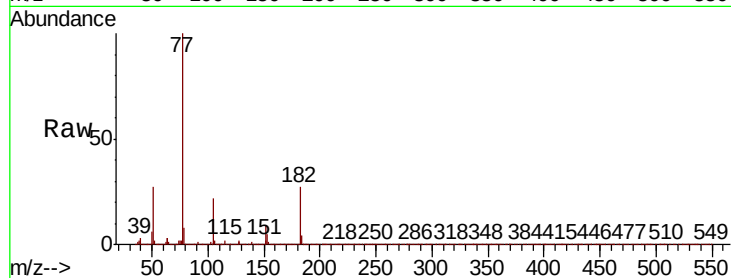
Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 1981806

Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	21.6	1.6	41.6
51	27.3	7.3	47.3

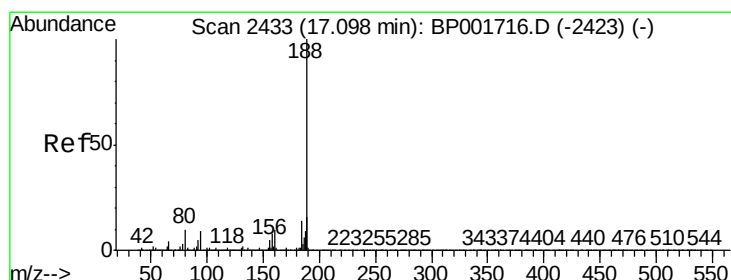
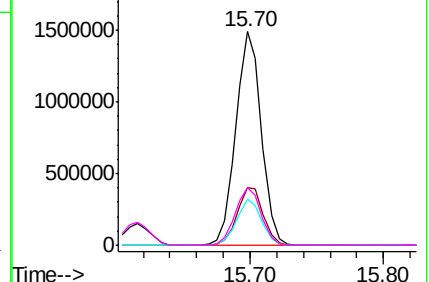
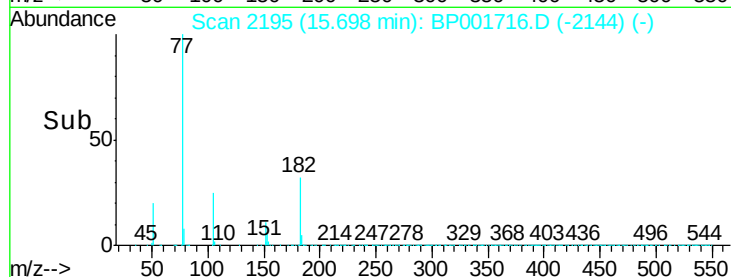


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2433

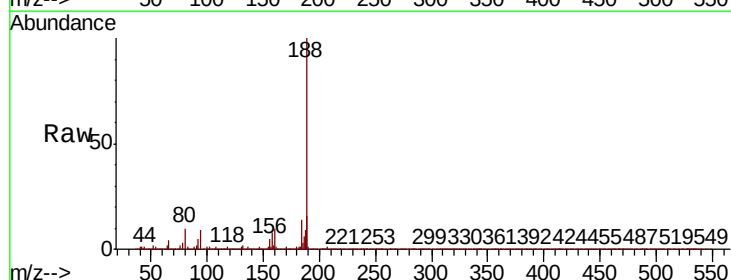
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion: 188 Resp: 1484887

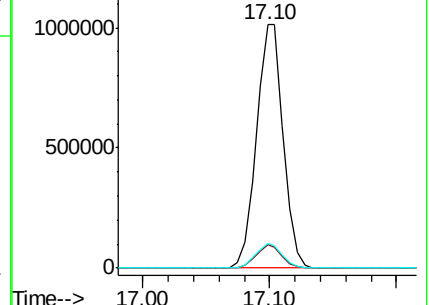
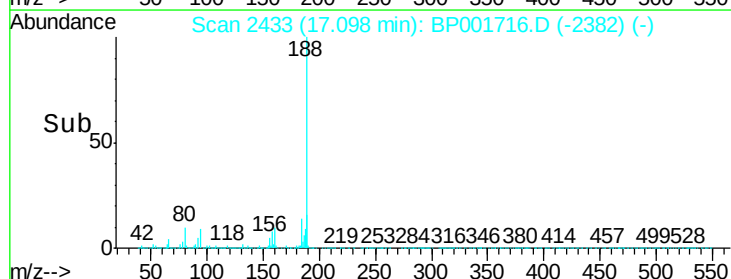
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.4	8.3	12.5

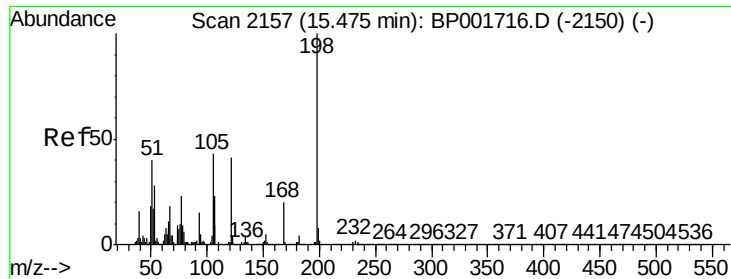


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

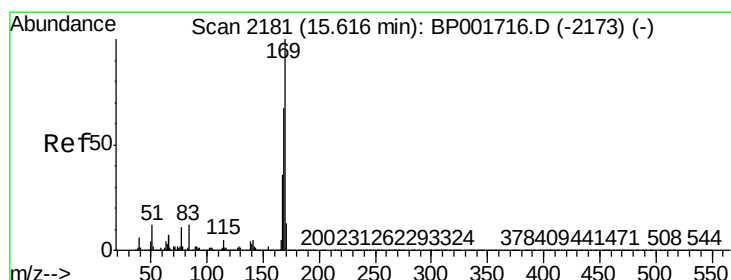
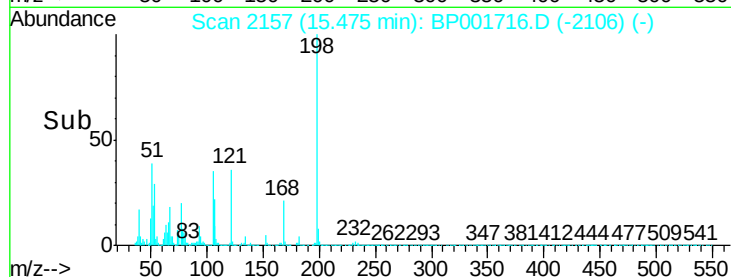
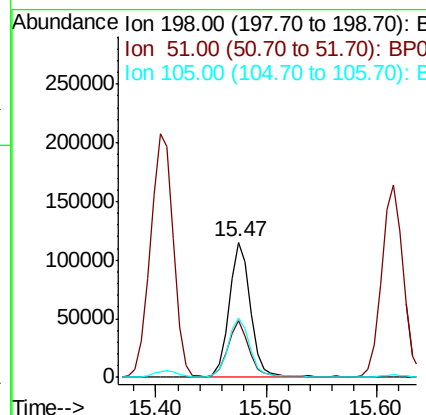
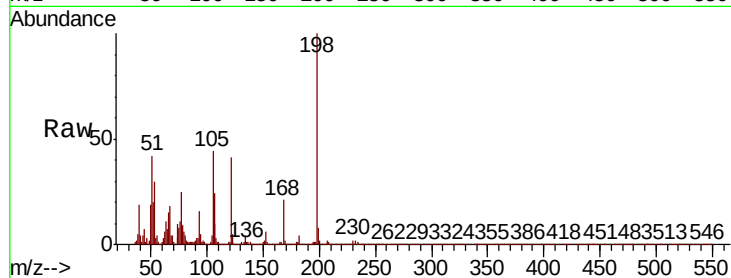




#65
4,6-Dinitro-2-methylphenol
Concen: 19.476 ng
RT: 15.47 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

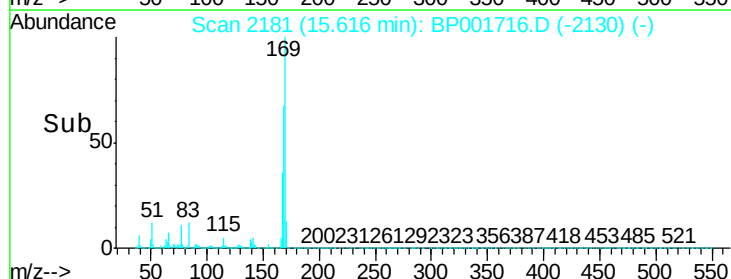
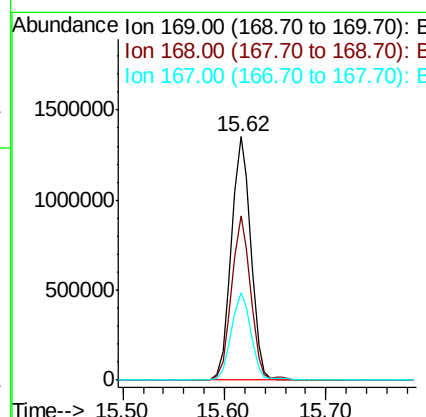
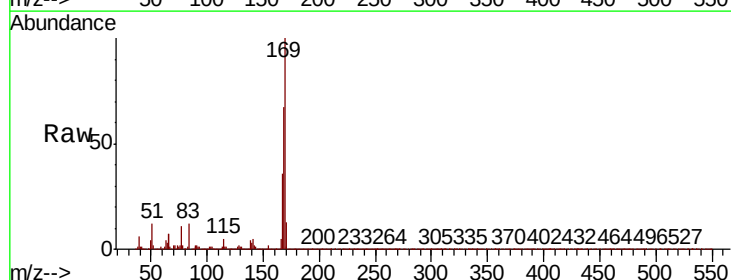
Instrument :
BNA_P
ClientSampleId :

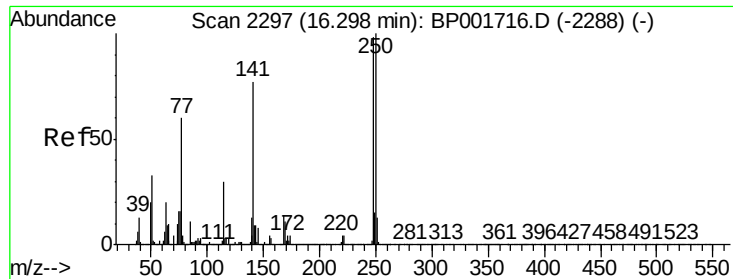
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.2	22.2	62.2
105	43.6	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 45.735 ng
RT: 15.62 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	36.1	28.9	43.3

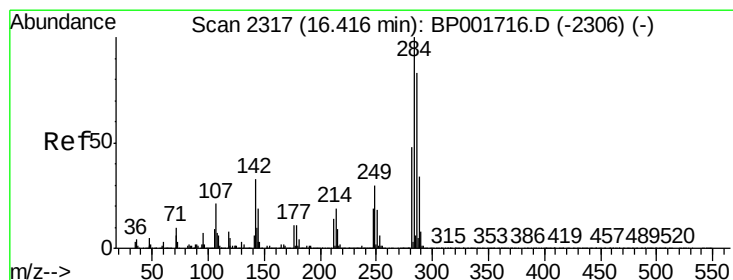
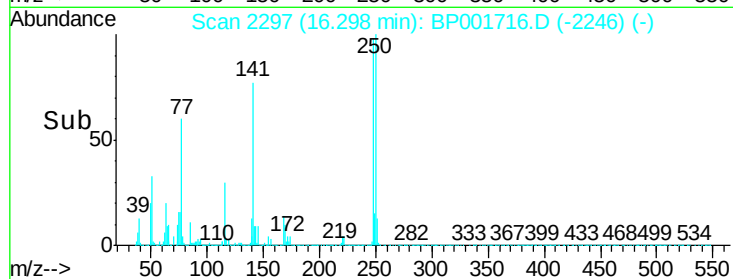
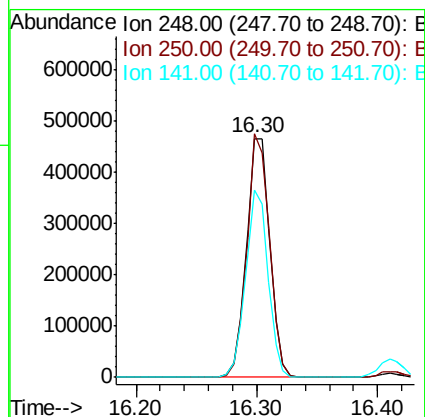
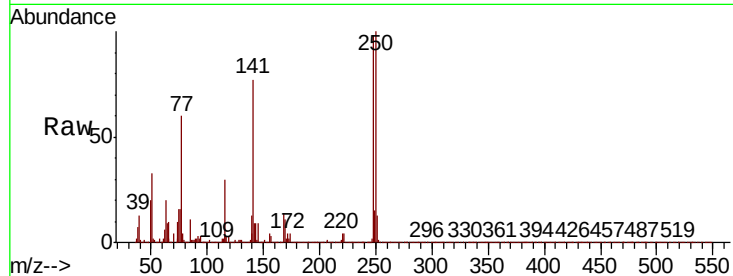




#67
4-Bromophenyl-phenylether
Concen: 37.896 ng
RT: 16.30 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

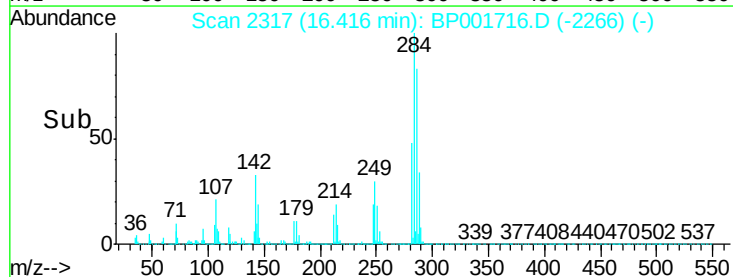
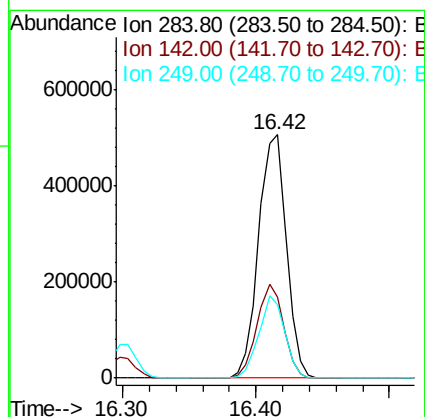
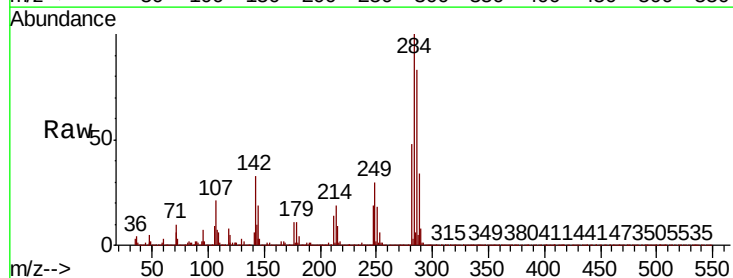
Instrument :
BNA_P
ClientSampleId :

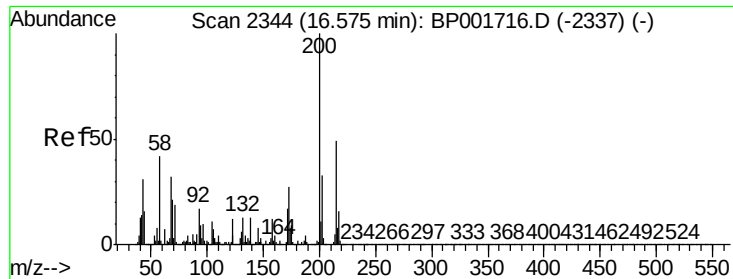
Tot Ion:248 Resp: 634815
Ion Ratio Lower Upper
248 100
250 101.9 81.5 122.3
141 78.6 62.9 94.3



#68
Hexachlorobenzene
Concen: 37.326 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:284 Resp: 726463
Ion Ratio Lower Upper
284 100
142 33.4 26.7 40.1
249 30.3 24.2 36.4

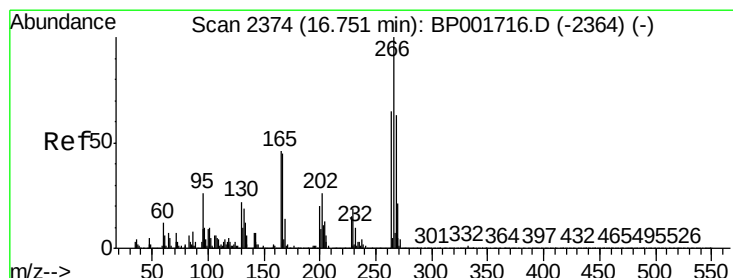
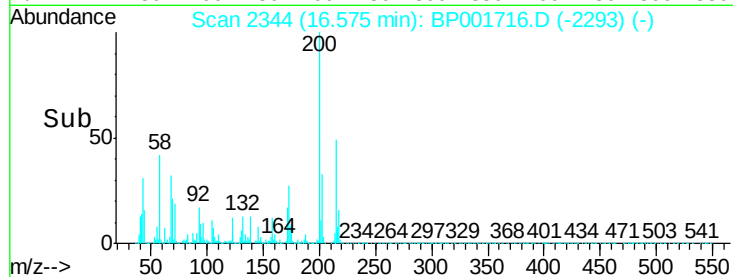
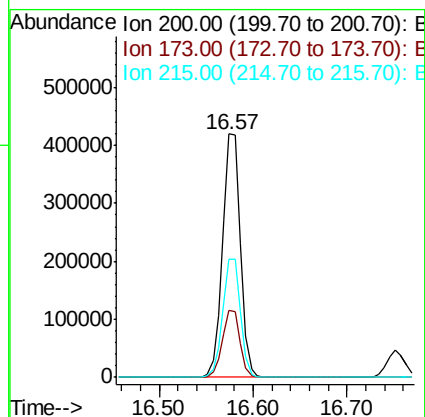
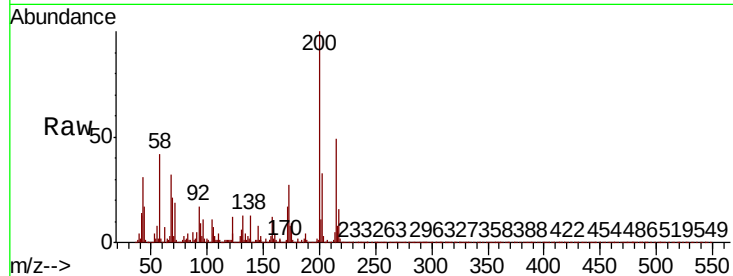




#69
Atrazine
Concen: 38.445 ng
RT: 16.57 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

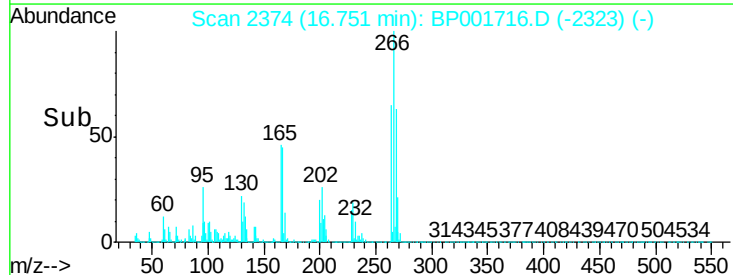
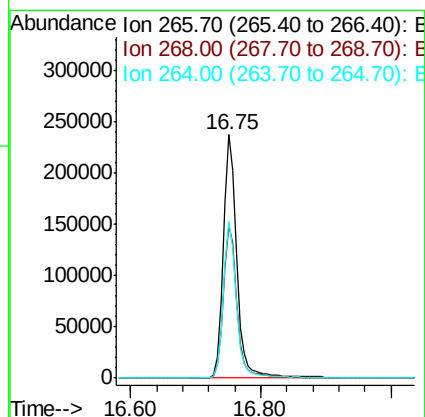
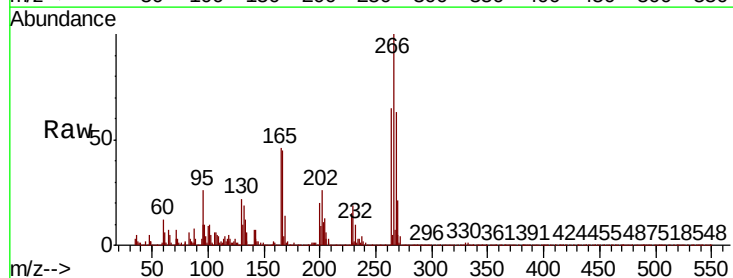
Instrument :
BNA_P
ClientSampled :

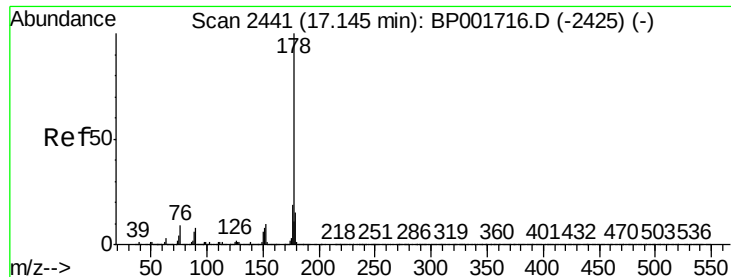
Tot Ion:200 Resp: 555426
Ion Ratio Lower Upper
200 100
173 27.5 7.5 47.5
215 48.8 28.8 68.8



#70
Pentachlorophenol
Concen: 32.091 ng
RT: 16.75 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:266 Resp: 344917
Ion Ratio Lower Upper
266 100
268 63.0 50.4 75.6
264 64.5 51.6 77.4





#71

Phenanthrene

Concen: 40.291 ng

RT: 17.15 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

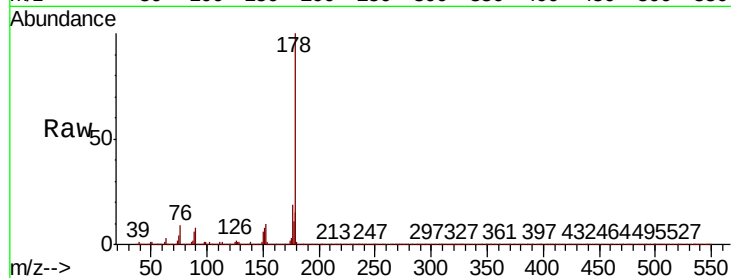
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 3253632

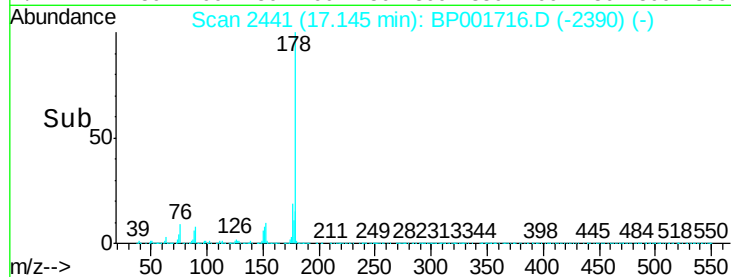
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.1	12.1	18.1



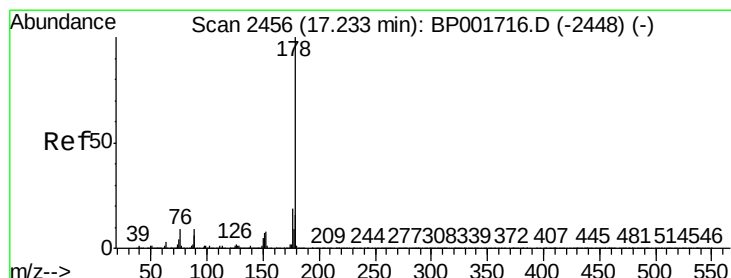
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.00 17.10 17.20



#72

Anthracene

Concen: 39.949 ng

RT: 17.23 min Scan# 2456

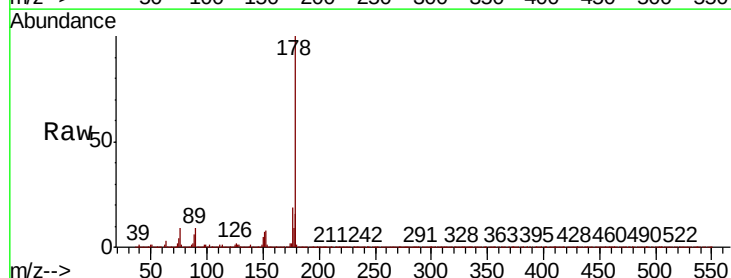
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:178 Resp: 3140531

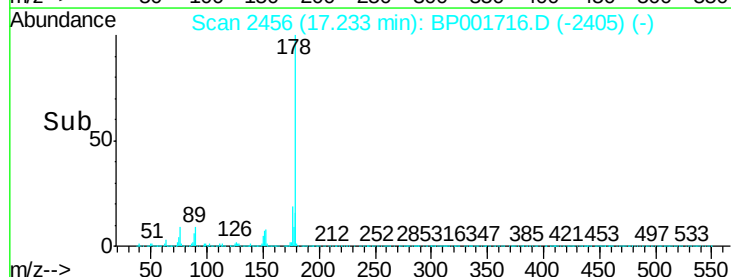
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.5	18.7



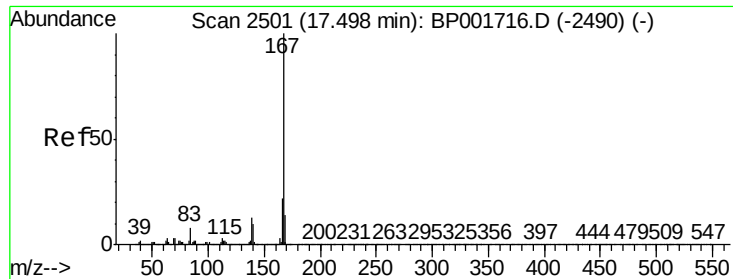
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



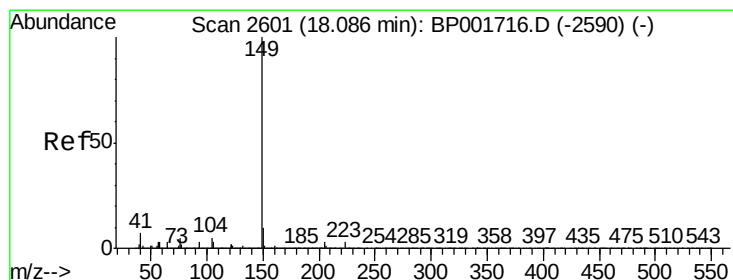
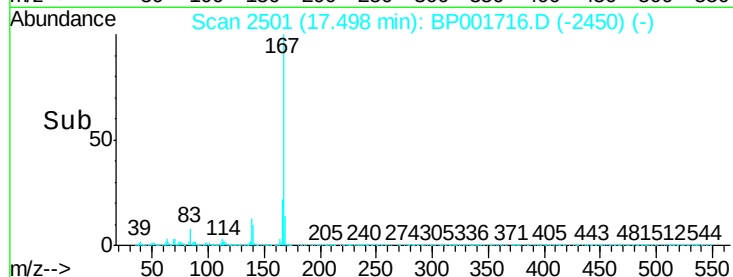
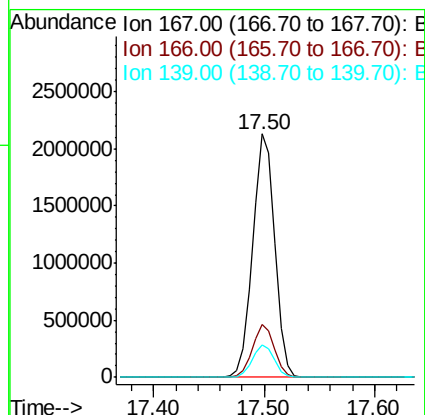
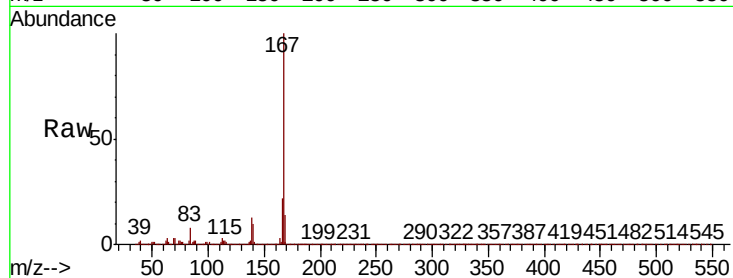
Time--> 17.20 17.30



#73
 Carbazole
 Concen: 40.364 ng
 RT: 17.50 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

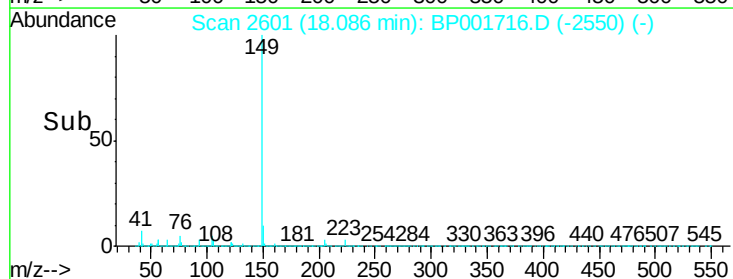
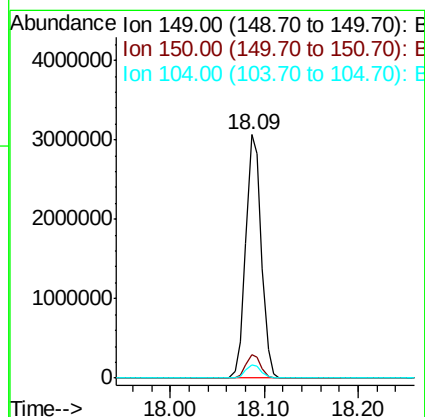
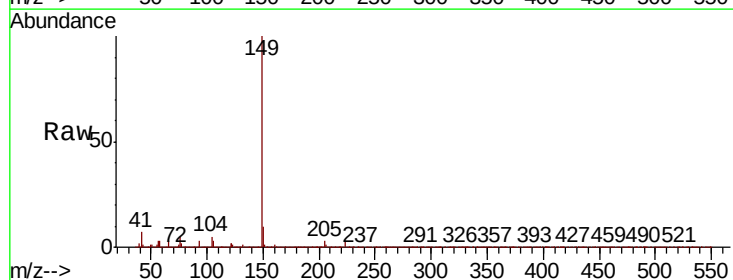
Instrument :
 BNA_P
 ClientSampleId :

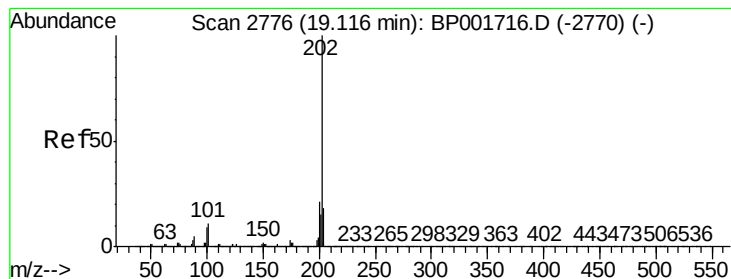
Tot Ion:167 Resp: 2979053
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.275 ng
 RT: 18.09 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BP001716.D
 Acq: 03 Feb 2020 12:05

Tgt Ion:149 Resp: 3516801
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 34.018 ng

RT: 19.12 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

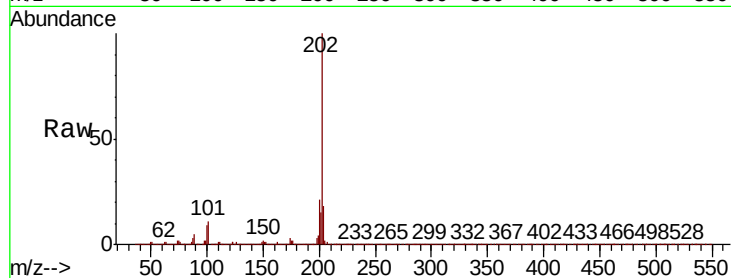
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 3614586

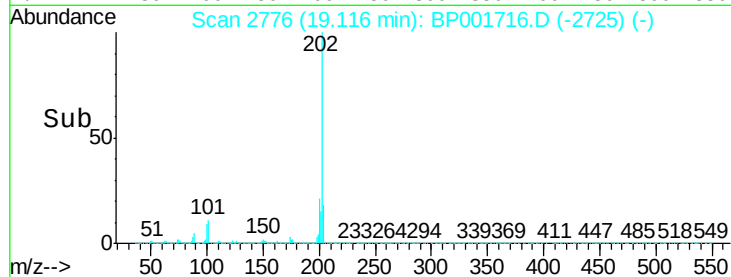
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	17.7	0.0	37.7



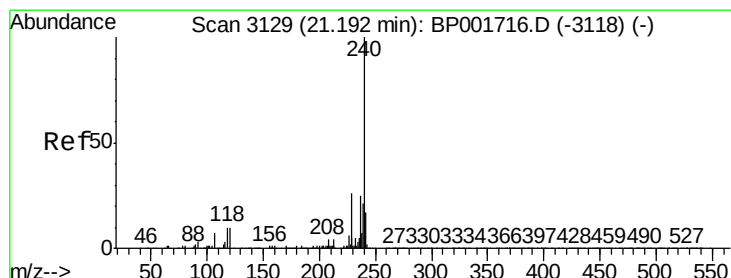
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3129

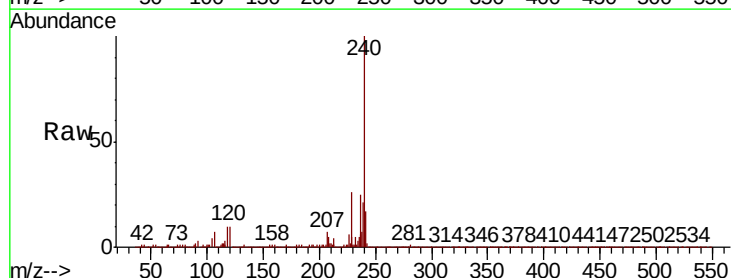
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:240 Resp: 1350955

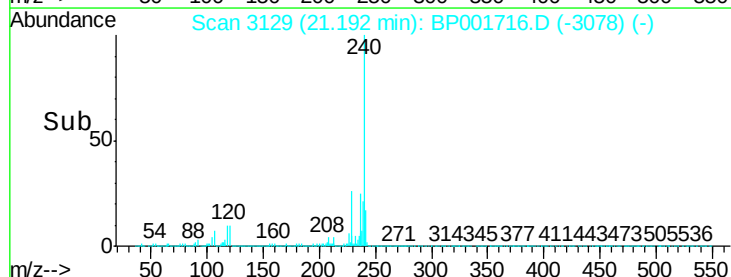
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.8	19.8	29.8



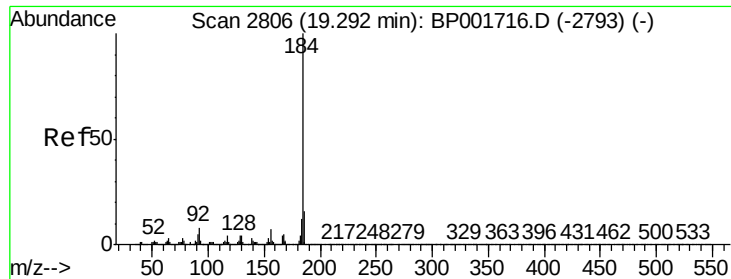
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 43.165 ng

RT: 19.29 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

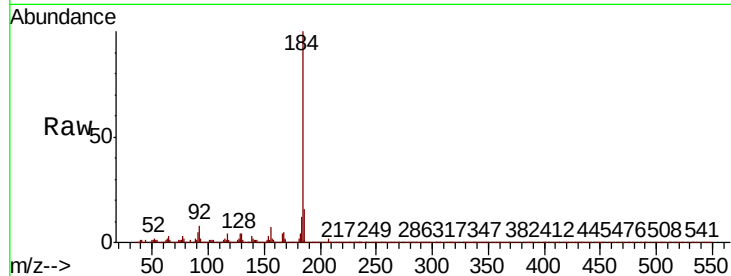
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1331527

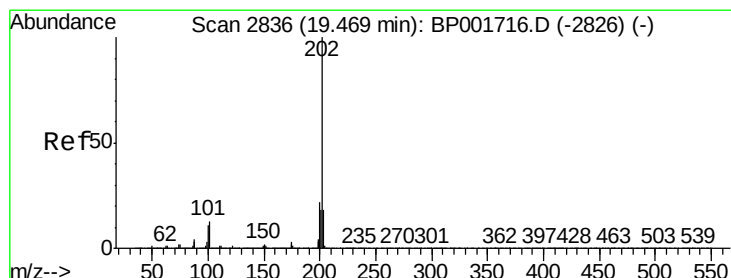
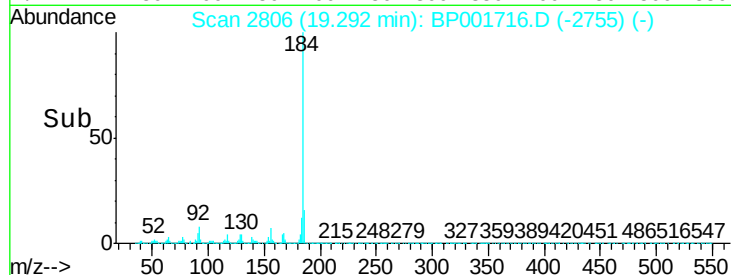
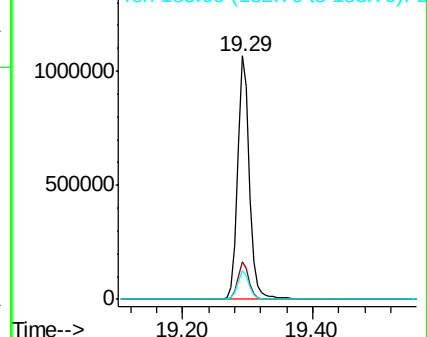
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.5	18.7
183	11.8	9.4	14.2



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: 38.277 ng

RT: 19.47 min Scan# 2836

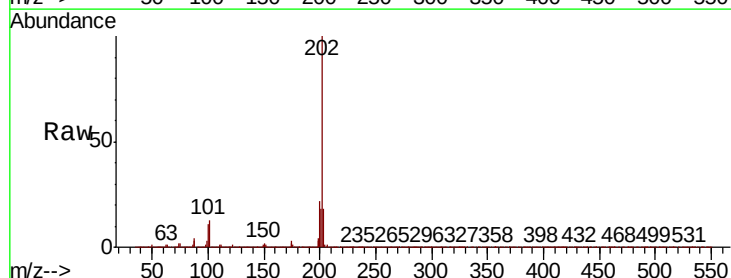
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:202 Resp: 3798551

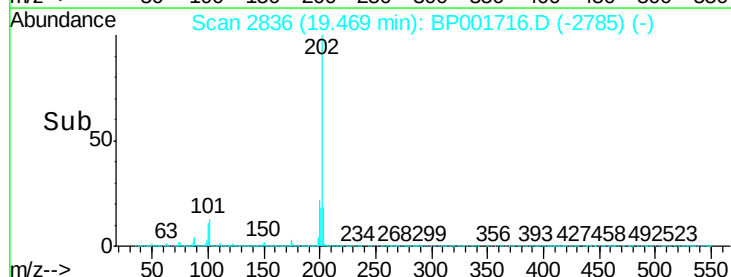
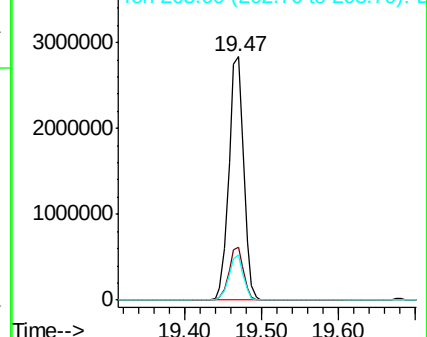
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.5	14.8	22.2

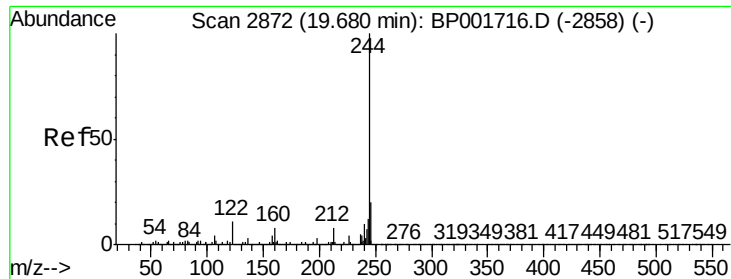


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.132 ng

RT: 19.68 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

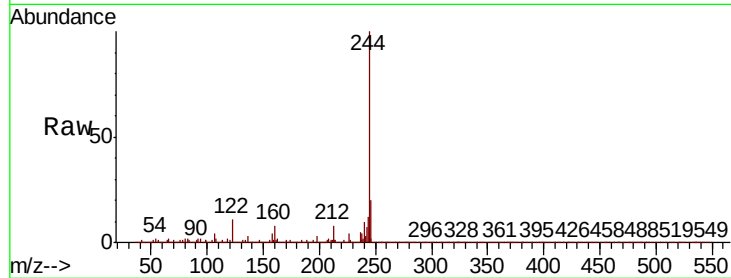
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 5623205

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.1	8.9	13.3

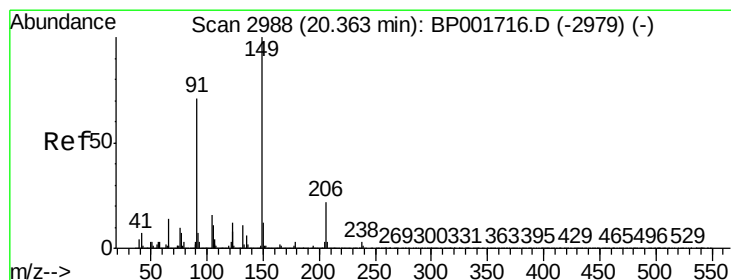
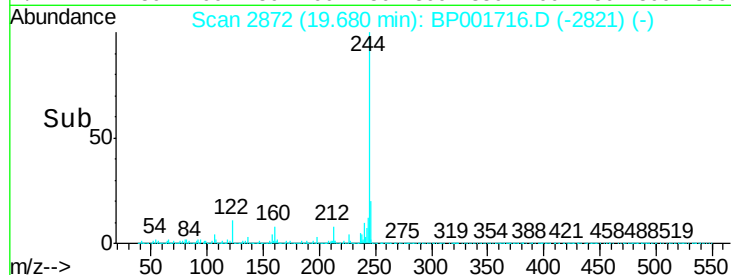
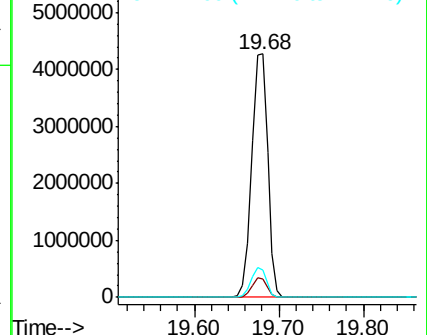


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.554 ng

RT: 20.36 min Scan# 2988

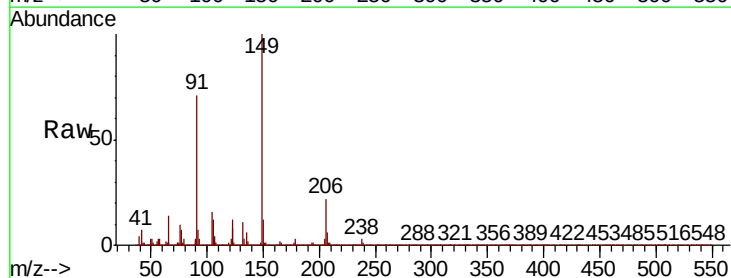
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:149 Resp: 1454156

Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.7	85.1
206	21.8	17.4	26.2

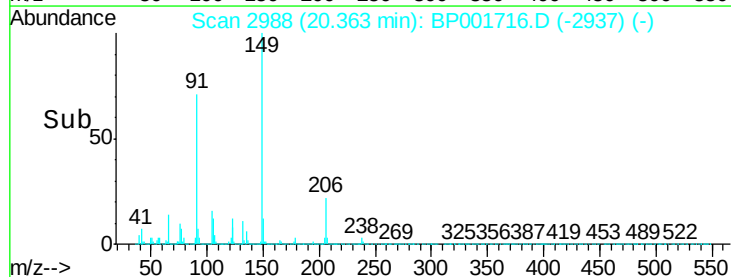
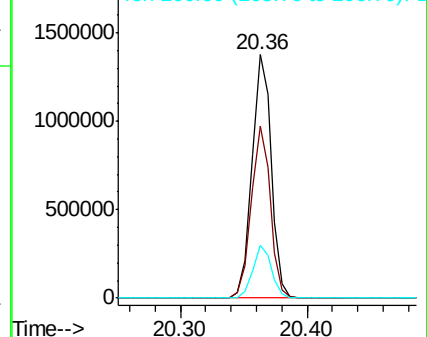


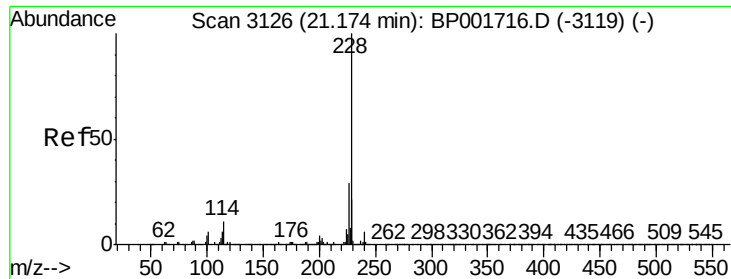
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

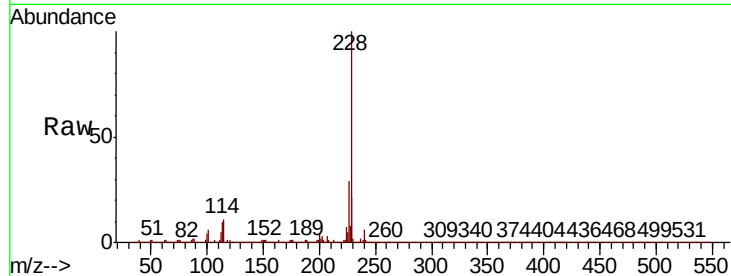




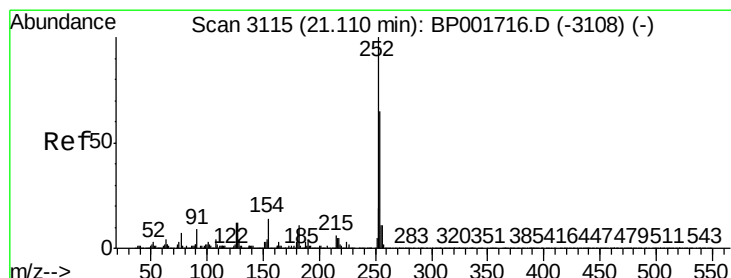
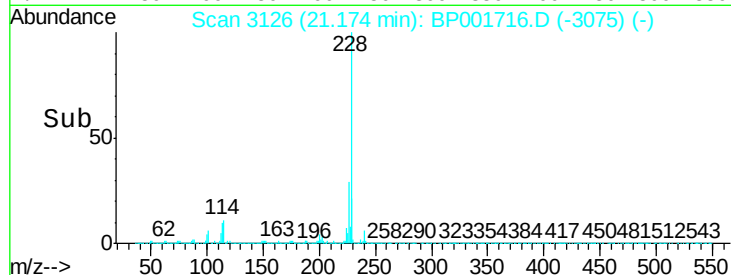
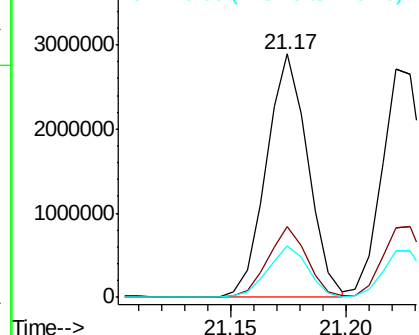
#81
Benzo(a)anthracene
Concen: 38.254 ng
RT: 21.17 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 3599122
Ion Ratio Lower Upper
228 100
226 28.9 23.1 34.7
229 21.0 16.8 25.2

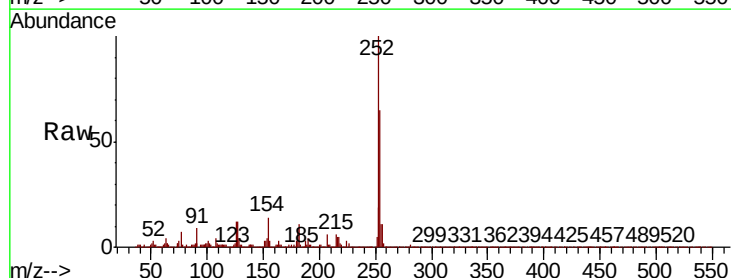


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

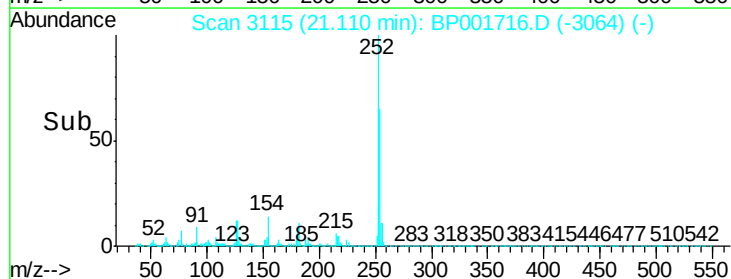
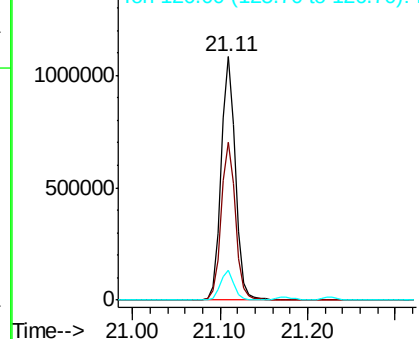


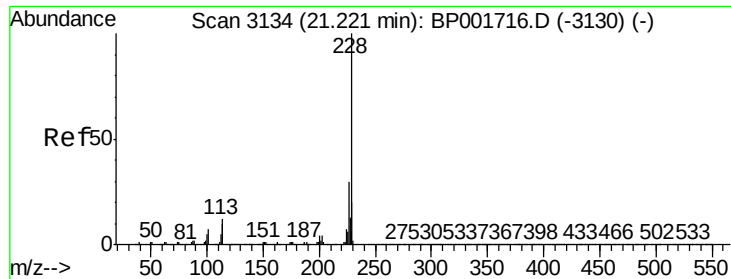
#82
3,3'-Dichlorobenzidine
Concen: 35.032 ng
RT: 21.11 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:252 Resp: 1235968
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 12.1 9.7 14.5



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: 37.641 ng

RT: 21.22 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

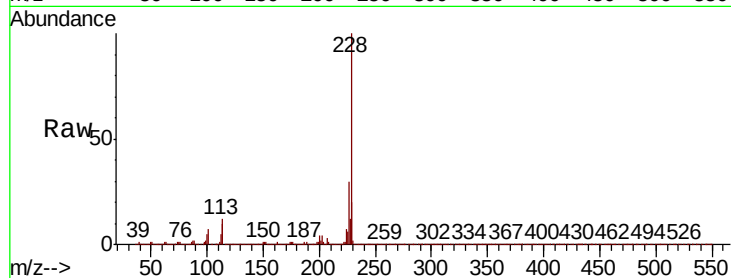
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3451335

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.4	16.3	24.5

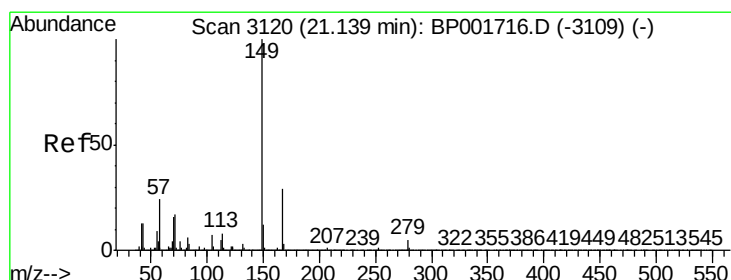
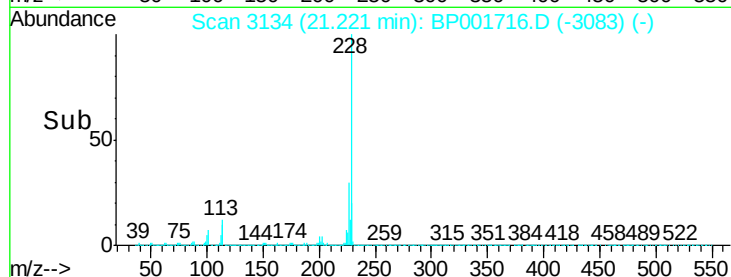
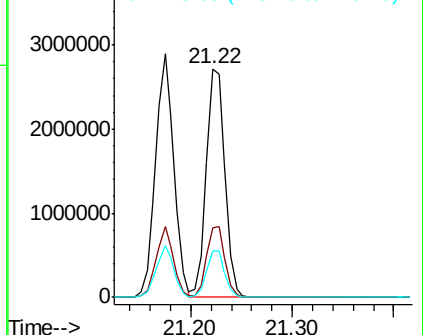


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.584 ng

RT: 21.14 min Scan# 3120

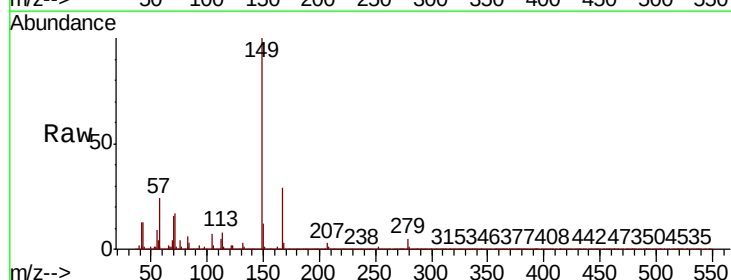
Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Tgt Ion:149 Resp: 2305260

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.5	35.3
279	4.7	3.8	5.6

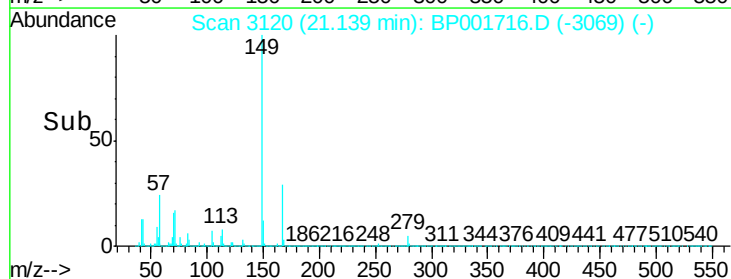
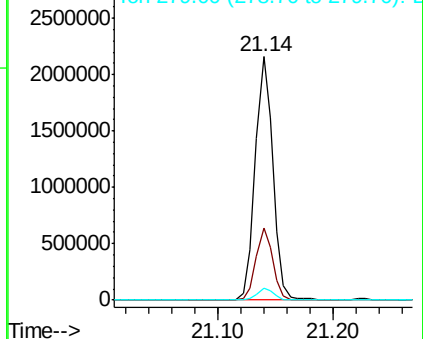


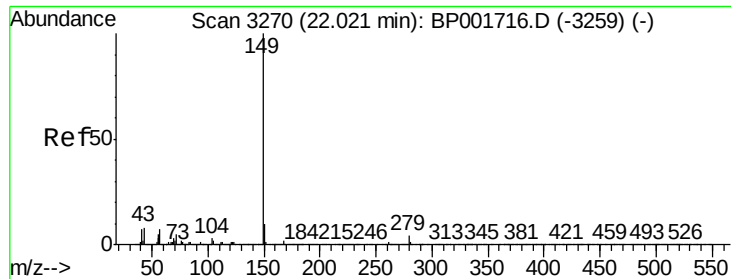
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.080 ng

RT: 22.02 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampleId :

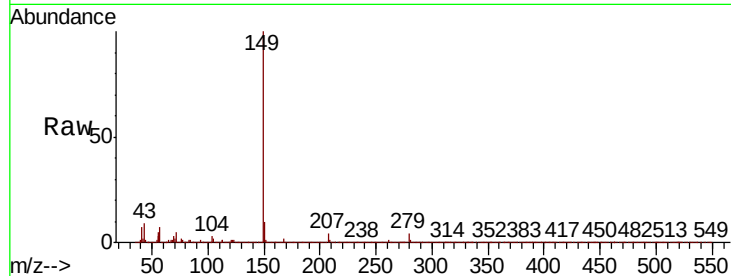
Tot Ion:149 Resp: 3634185

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

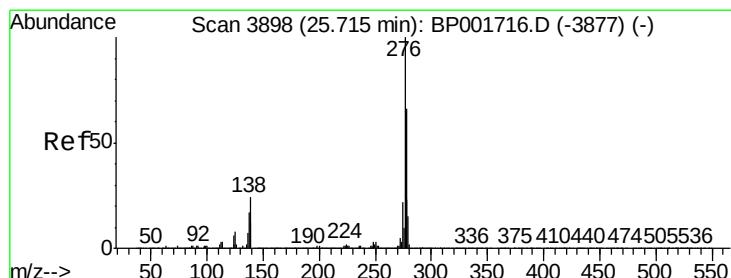
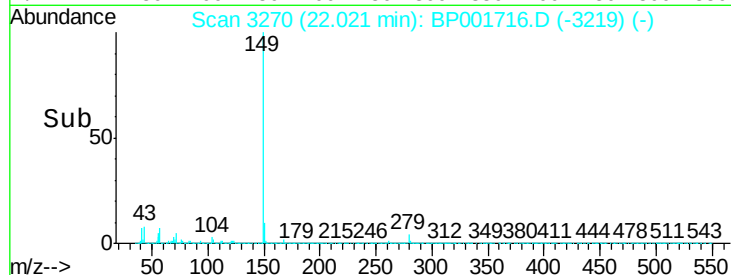
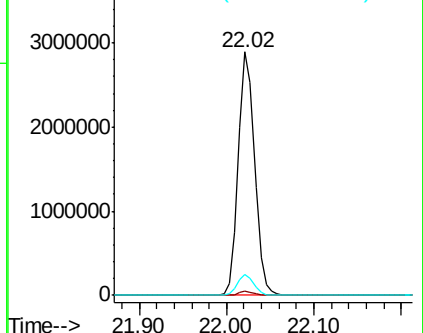
43 8.8 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.918 ng

RT: 25.72 min Scan# 3898

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

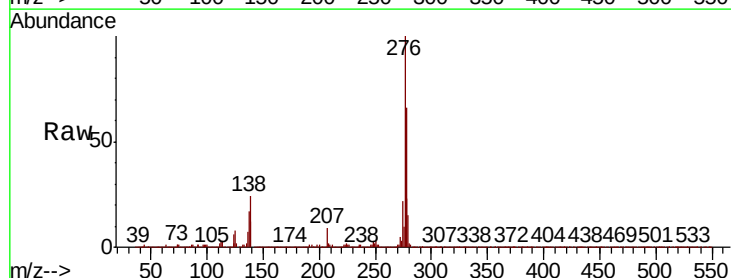
Tgt Ion:276 Resp: 4284395

Ion Ratio Lower Upper

276 100

138 26.5 21.2 31.8

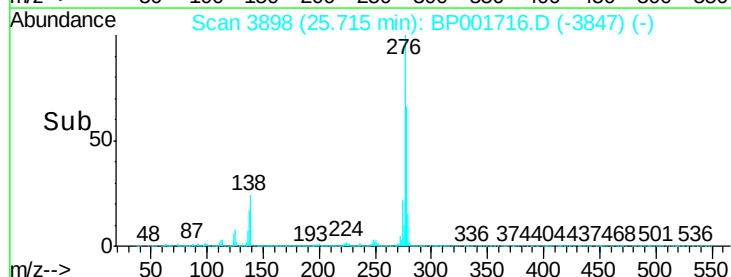
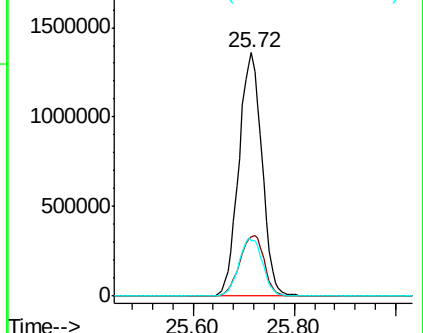
277 24.7 19.8 29.6

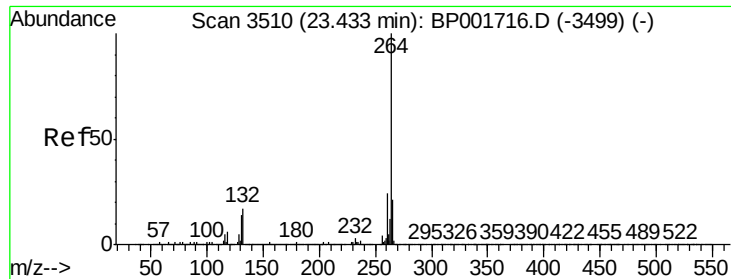


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

Instrument :

BNA_P

ClientSampled :

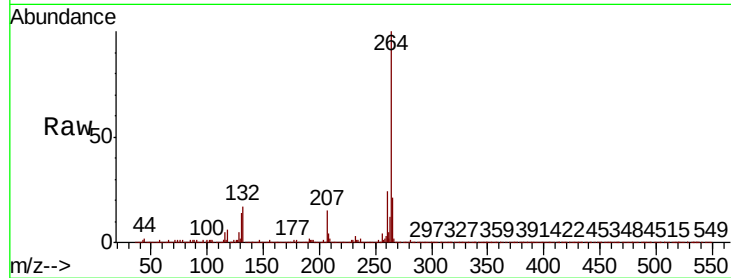
Tot Ion:264 Resp: 1523729

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.0	25.4

264 100

260 23.6 18.9 28.3

265 21.2 17.0 25.4

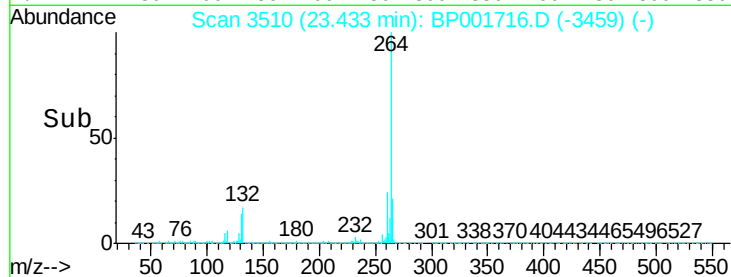


Abundance Ion 264.00 (263.70 to 264.70): E

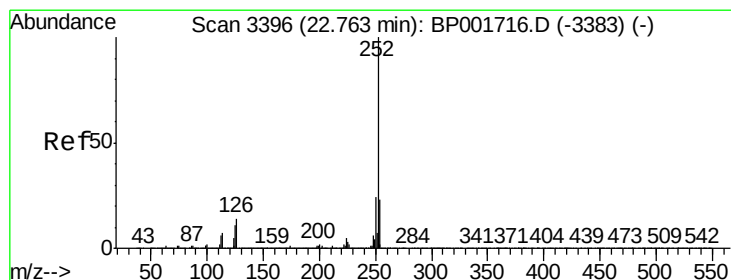
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.43



Time-->



#88

Benzo(b)fluoranthene

Concen: 39.461 ng

RT: 22.76 min Scan# 3396

Delta R.T. 0.00 min

Lab File: BP001716.D

Acq: 03 Feb 2020 12:05

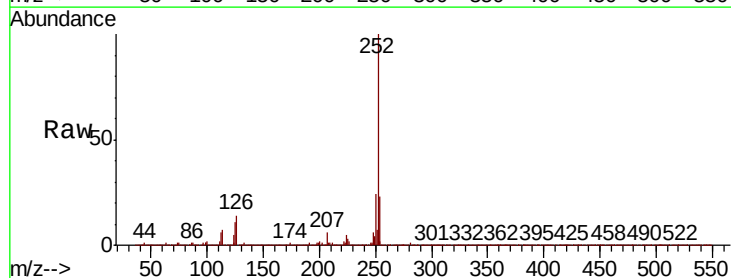
Tgt Ion:252 Resp: 3788978

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.5	8.4	12.6

252 100

253 22.8 18.2 27.4

125 10.5 8.4 12.6

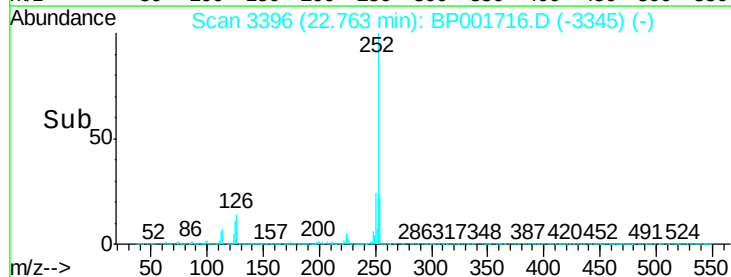


Abundance Ion 252.00 (251.70 to 252.70): E

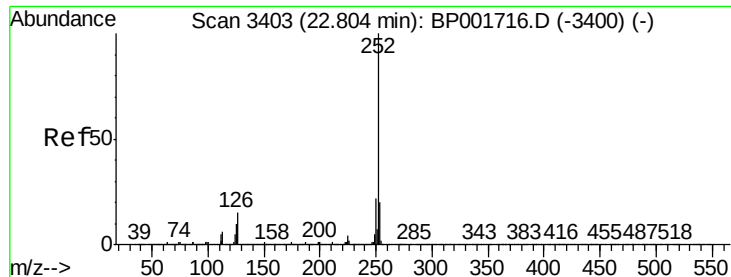
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.76



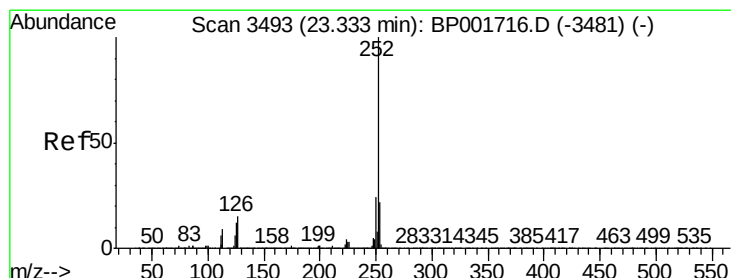
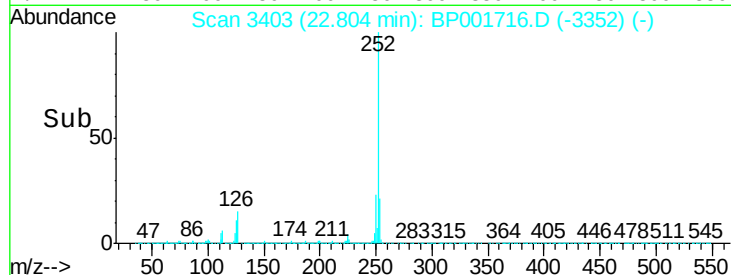
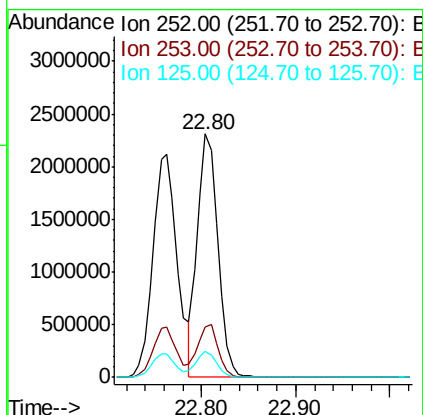
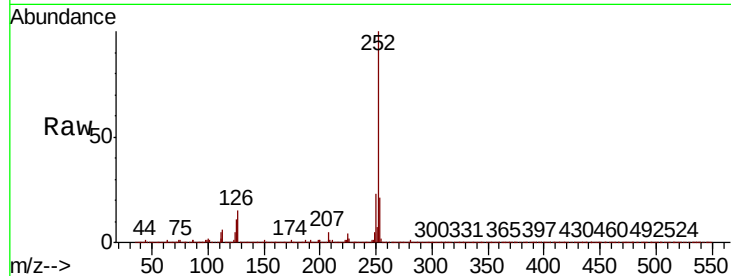
Time-->



#89
Benzo(k)fluoranthene
Concen: 37.491 ng
RT: 22.80 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

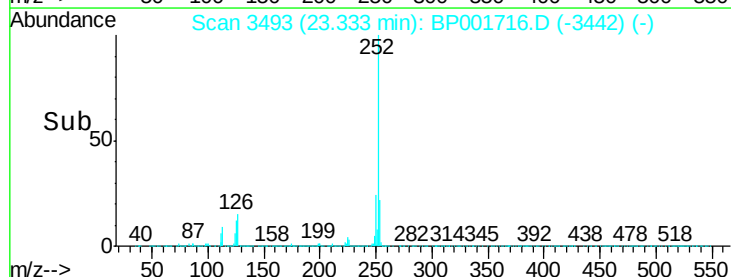
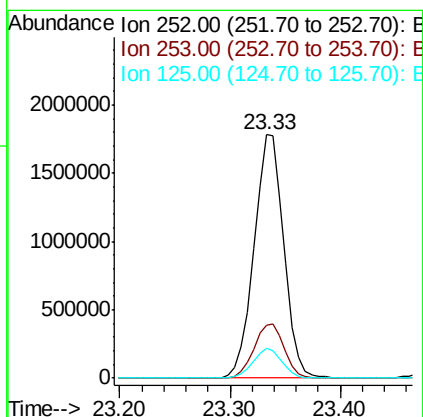
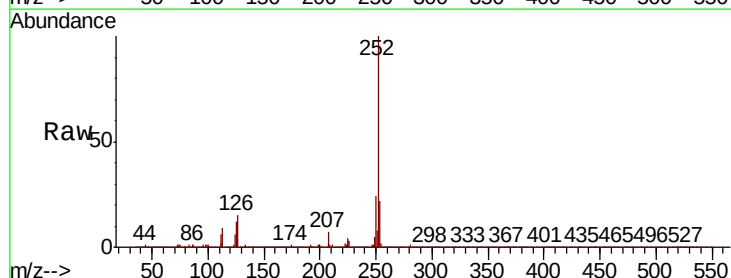
Instrument :
BNA_P
ClientSampleId :

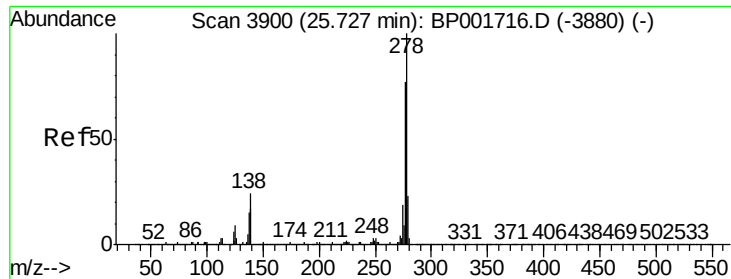
Tot Ion:252 Resp: 3509799
Ion Ratio Lower Upper
252 100
253 20.7 16.6 24.8
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 36.904 ng
RT: 23.33 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:252 Resp: 3364437
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.1 9.7 14.5

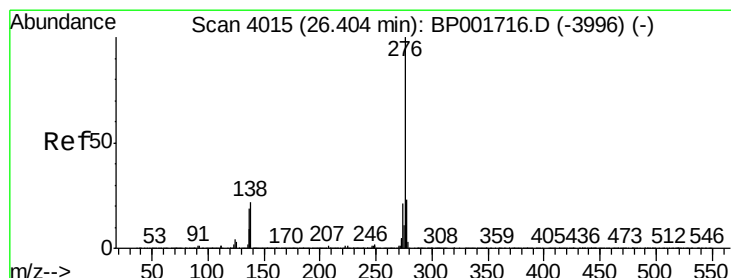
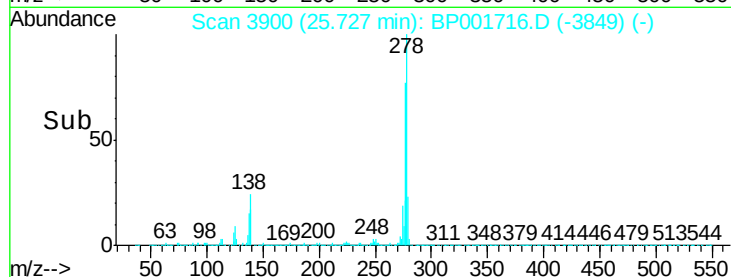
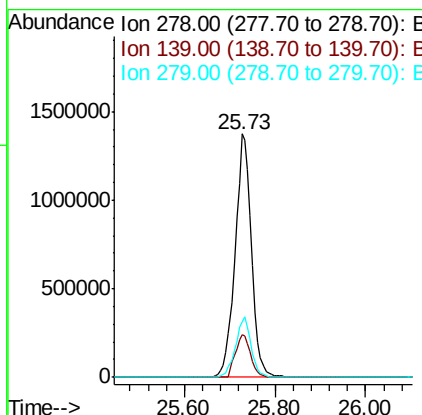
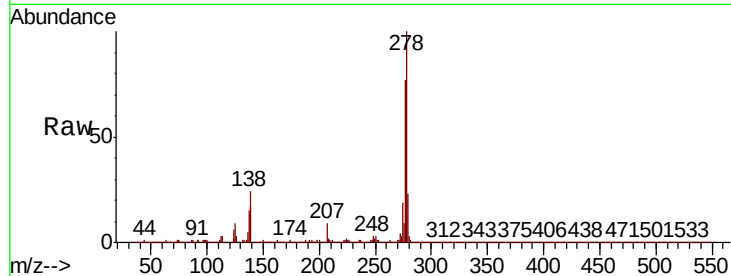




#91
Dibenzo(a,h)anthracene
Concen: 37.183 ng
RT: 25.73 min Scan# 3900
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 3497474
Ion Ratio Lower Upper
278 100
139 17.5 14.0 21.0
279 22.8 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 36.064 ng
RT: 26.40 min Scan# 4015
Delta R.T. 0.00 min
Lab File: BP001716.D
Acq: 03 Feb 2020 12:05

Tgt Ion:276 Resp: 3372300
Ion Ratio Lower Upper
276 100
277 22.9 18.3 27.5
138 22.3 17.8 26.8

