

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001508.D
 Acq On : 03 Jan 2020 15:01
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 03 15:31:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 14:53:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	74291	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	257977	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	166615	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	357323	20.00	ng	0.00
76) Chrysene-d12	21.20	240	318267	20.00	ng	0.00
87) Perylene-d12	23.46	264	385093	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	759713	165.27	ng	0.00
7) Phenol-d6	6.89	99	1022286	170.44	ng	0.01
23) Nitrobenzene-d5	8.85	82	1046649	155.80	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	356140	170.97	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	2001165	151.87	ng	0.00
79) Terphenyl-d14	19.69	244	2889692	155.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	160405	84.793	ng	# 68
3) Pyridine	3.66	79	449998	87.078	ng	97
4) n-Nitrosodimethylamine	3.58	42	224549	68.623	ng	# 93
6) Aniline	7.04	93	672008	89.001	ng	98
8) 2-Chlorophenol	7.27	128	398819	86.302	ng	98
9) Benzaldehyde	6.85	77	204522	48.608	ng	96
10) Phenol	6.91	94	543861	79.357	ng	96
11) bis(2-Chloroethyl)ether	7.14	93	436114	89.950	ng	99
12) 1,3-Dichlorobenzene	7.59	146	488442	84.856	ng	98
13) 1,4-Dichlorobenzene	7.74	146	492899	84.049	ng	98
14) 1,2-Dichlorobenzene	8.05	146	466066	83.422	ng	98
15) Benzyl Alcohol	7.94	79	434514	77.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	602806	78.504	ng	98
17) 2-Methylphenol	8.15	107	357355	87.510	ng	95
18) Hexachloroethane	8.78	117	193017	77.369	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	338635	79.528	ng	97
20) 3+4-Methylphenols	8.48	107	482458	89.031	ng	98
22) Acetophenone	8.52	105	670429	82.181	ng	97
24) Nitrobenzene	8.89	77	527674	79.806	ng	98
25) Isophorone	9.42	82	947570	87.722	ng	98
26) 2-Nitrophenol	9.60	139	208575	88.464	ng	96
27) 2,4-Dimethylphenol	9.67	122	330088	95.189	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	582090	90.224	ng	100
29) 2,4-Dichlorophenol	10.13	162	408023	95.027	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	476868	90.290	ng	97
31) Naphthalene	10.53	128	1249867	88.756	ng	100
32) Benzoic acid	9.86	122	272516	103.634	ng	97
33) 4-Chloroaniline	10.64	127	549818	95.471	ng	96
34) Hexachlorobutadiene	10.84	225	323193	87.734	ng	99
35) Caprolactam	11.43	113	106917	83.682	ng	95
36) 4-Chloro-3-methylphenol	11.77	107	446410	88.967	ng	99
37) 2-Methylnaphthalene	12.15	142	893243	91.880	ng	99
38) 1-Methylnaphthalene	12.37	142	841570	92.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	511295	82.994	ng	98

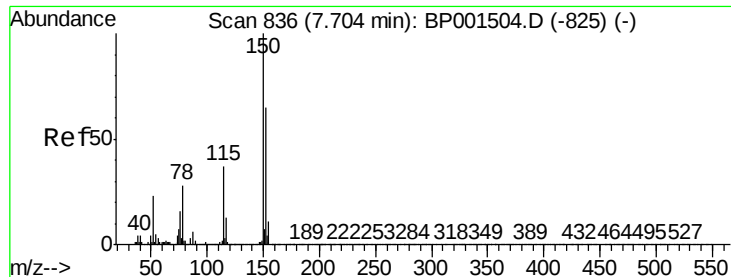
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001508.D
 Acq On : 03 Jan 2020 15:01
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Quant Time: Jan 03 15:31:55 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 14:53:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	283768	93.131	nq	98
43) 2,4,6-Trichlorophenol	12.76	196	328588	86.727	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	340132	87.375	nq	96
46) 1,1'-Biphenyl	13.18	154	1132401	81.217	nq	99
47) 2-Chloronaphthalene	13.22	162	940509	83.440	nq	98
48) 2-Nitroaniline	13.41	65	322472	71.446	nq	96
49) Acenaphthylene	14.06	152	1426875	86.597	nq	97
50) Dimethylphthalate	13.82	163	1179803	86.313	nq	100
51) 2,6-Dinitrotoluene	13.92	165	254279	91.616	nq	94
52) Acenaphthene	14.42	154	863249	86.954	nq	99
53) 3-Nitroaniline	14.25	138	281433	94.472	nq	99
54) 2,4-Dinitrophenol	14.45	184	109516	102.186	nq	93
55) Dibenzofuran	14.75	168	1356406	87.203	nq	95
56) 4-Nitrophenol	14.56	139	218719	102.677	nq	97
57) 2,4-Dinitrotoluene	14.72	165	353670	91.680	nq	100
58) Fluorene	15.40	166	1001307	80.484	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.97	232	297947	89.149	nq	99
60) Diethylphthalate	15.20	149	1203559	85.369	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	539770	82.534	nq	94
62) 4-Nitroaniline	15.43	138	278473	80.722	nq	97
63) Azobenzene	15.70	77	1158151	78.030	nq	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	148276	92.655	nq	94
66) n-Nitrosodiphenylamine	15.62	169	945357	83.452	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	368508	87.228	nq	94
68) Hexachlorobenzene	16.42	284	418083	86.929	nq	97
69) Atrazine	16.59	200	256133	62.947	nq	99
70) Pentachlorophenol	16.76	266	227720	92.329	nq	99
71) Phenanthrene	17.15	178	1760037	86.334	nq	99
72) Anthracene	17.24	178	1745102	86.472	nq	99
73) Carbazole	17.51	167	1593240	88.550	nq	100
74) Di-n-butylphthalate	18.10	149	2033279	82.348	nq	99
75) Fluoranthene	19.13	202	2113375	92.710	nq	98
77) Benzidine	19.30	184	579448	62.532	nq	# 95
78) Pyrene	19.48	202	2167664	87.719	nq	99
80) Butylbenzylphthalate	20.38	149	950887	82.538	nq	97
81) Benzo(a)anthracene	21.19	228	2054140	88.573	nq	99
82) 3,3'-Dichlorobenzidine	21.13	252	675082	83.829	nq	96
83) Chrysene	21.24	228	1960464	87.579	nq	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	1344829	79.550	nq	99
85) Di-n-octyl phthalate	22.04	149	2362461	84.316	nq	99
86) Indeno(1,2,3-cd)pyrene	25.77	276	2480346	102.596	nq	98
88) Benzo(b)fluoranthene	22.79	252	2138733	84.567	nq	98
89) Benzo(k)fluoranthene	22.84	252	2117196	87.883	nq	99
90) Benzo(a)pyrene	23.37	252	2073346	89.994	nq	99
91) Dibenzo(a,h)anthracene	25.80	278	2025401	89.914	nq	97
92) Benzo(g,h,i)perylene	26.47	276	2096833	97.415	nq	98

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

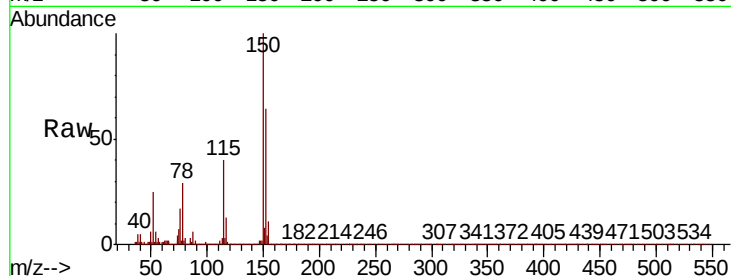


#1

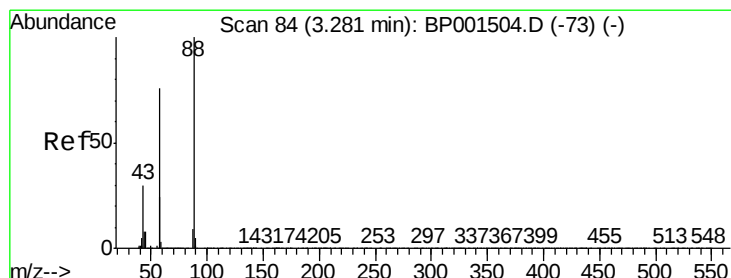
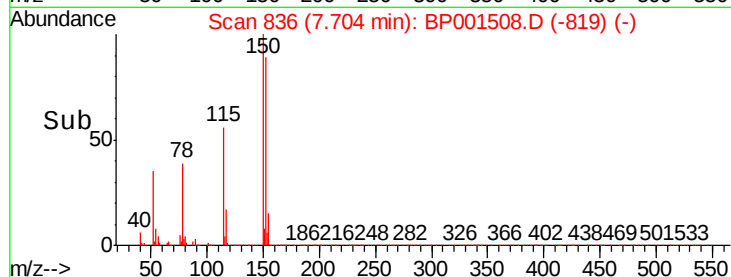
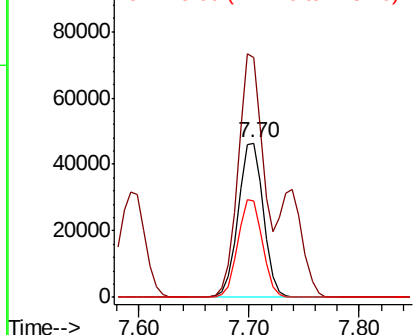
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 836
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	62.4	45.8	68.6



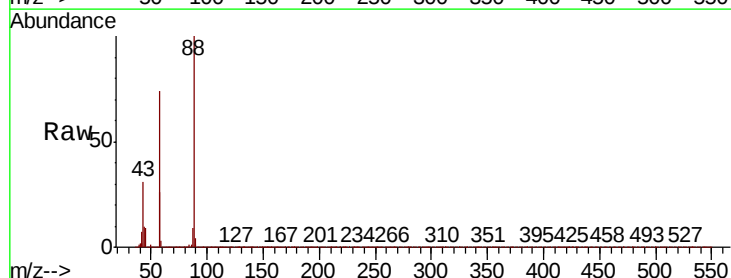
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



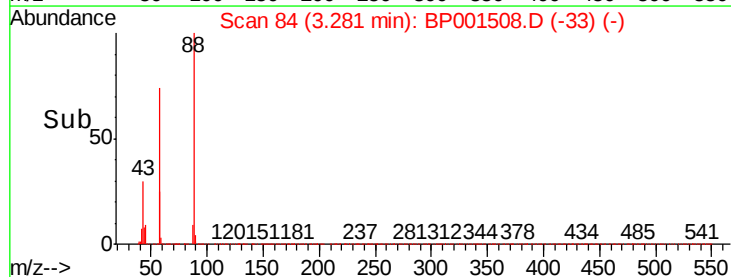
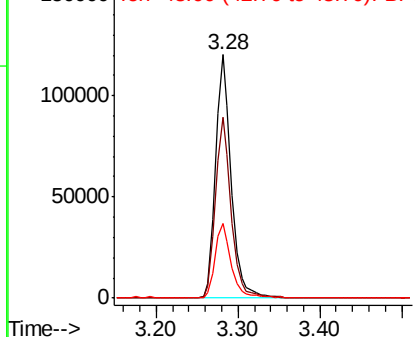
#2

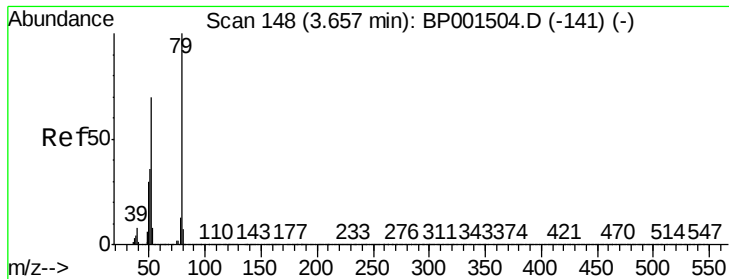
1,4-Dioxane
Concen: 84.793 ng
RT: 3.28 min Scan# 84
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	0.1	0.1#
43	30.6	0.0	0.0#



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: 87.078 ng

RT: 3.66 min Scan# 148

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

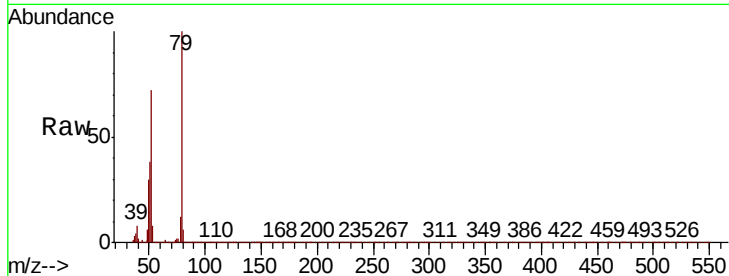
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 449998

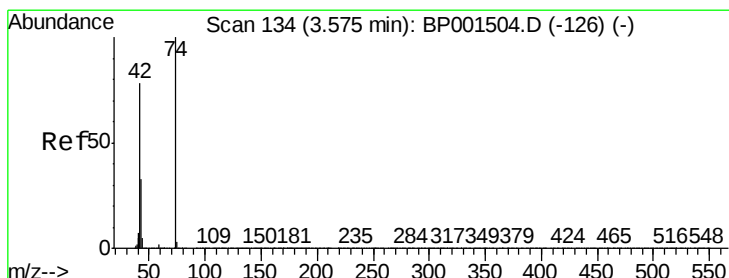
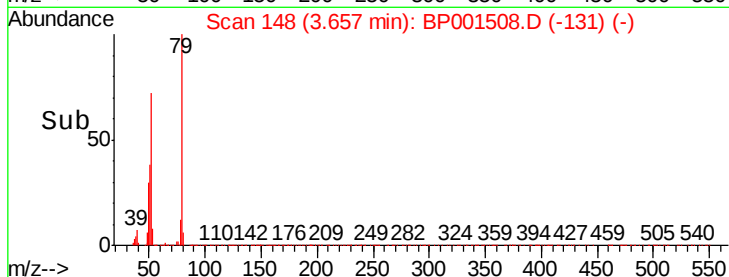
Ion	Ratio	Lower	Upper
79	100		
52	71.7	55.6	83.4
51	38.3	29.1	43.7



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: 68.623 ng

RT: 3.58 min Scan# 134

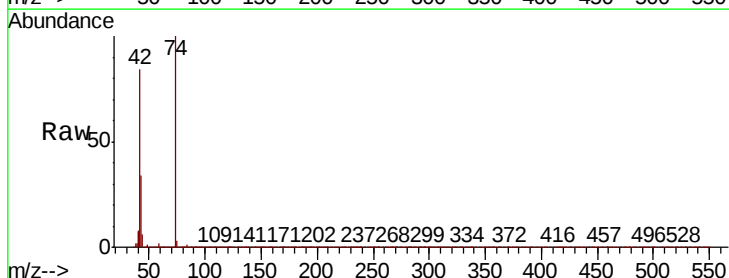
Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion: 42 Resp: 224549

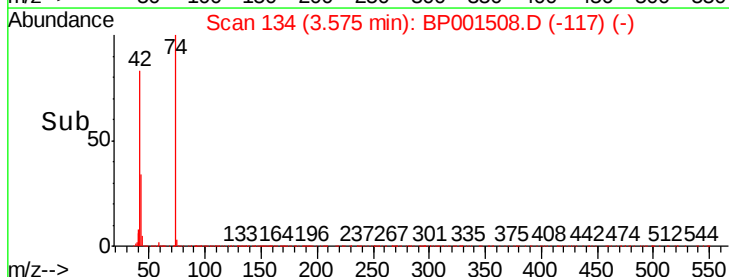
Ion	Ratio	Lower	Upper
42	100		
74	119.6	102.6	153.8
44	6.8	7.5	11.3

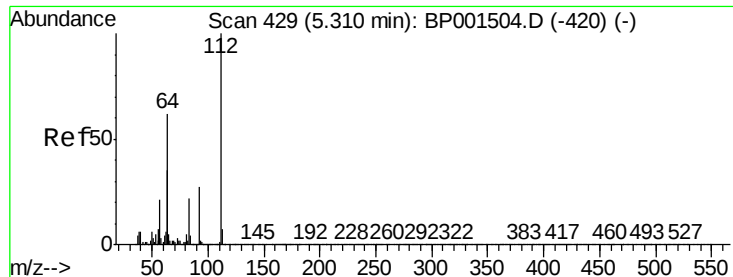


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 165.275 ng

RT: 5.31 min Scan# 429

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

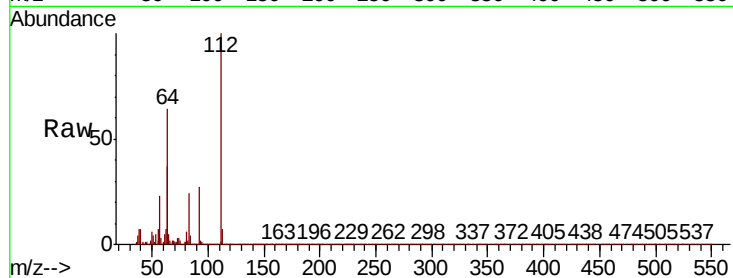
Tot Ion: 112 Resp: 759713

Ion Ratio Lower Upper

112 100

64 63.7 49.7 74.5

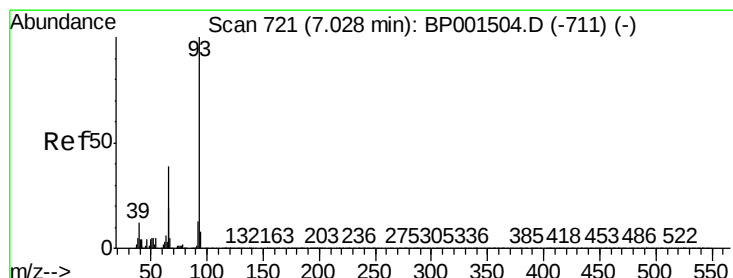
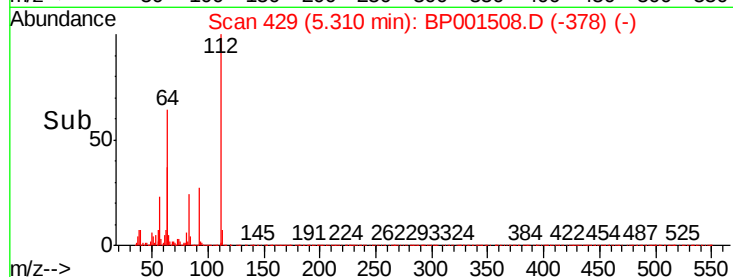
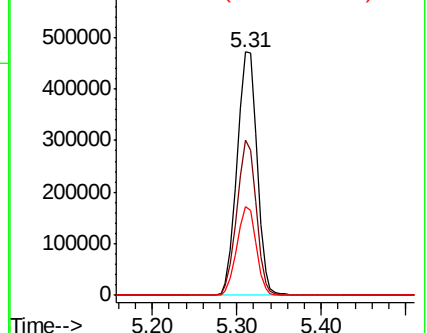
63 36.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 89.001 ng

RT: 7.04 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

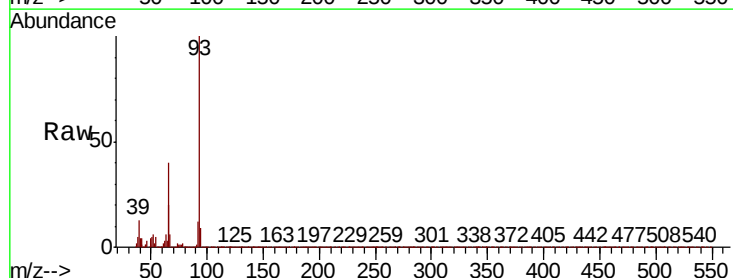
Tgt Ion: 93 Resp: 672008

Ion Ratio Lower Upper

93 100

66 40.0 31.0 46.4

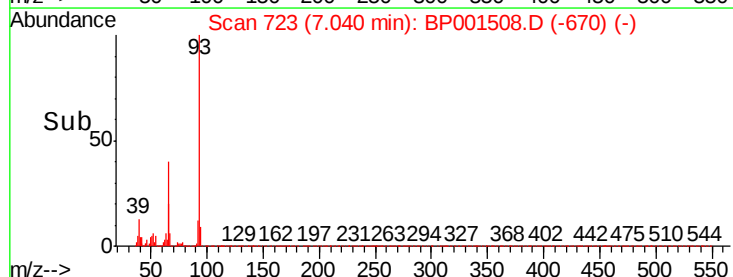
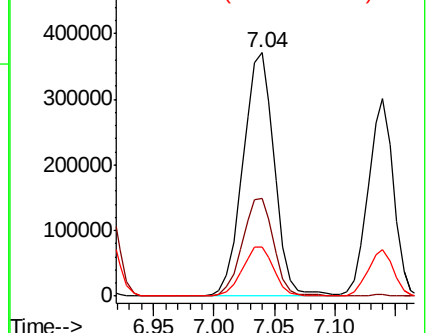
65 20.2 15.3 22.9

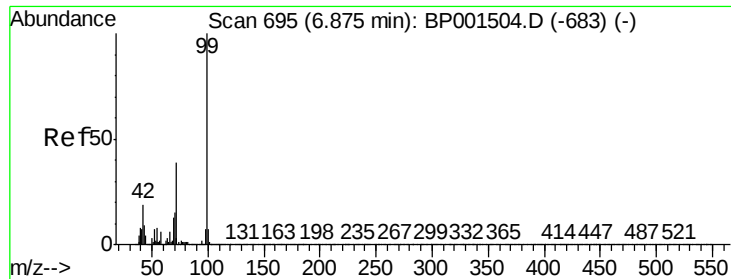


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 170.436 ng

RT: 6.89 min Scan# 697

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

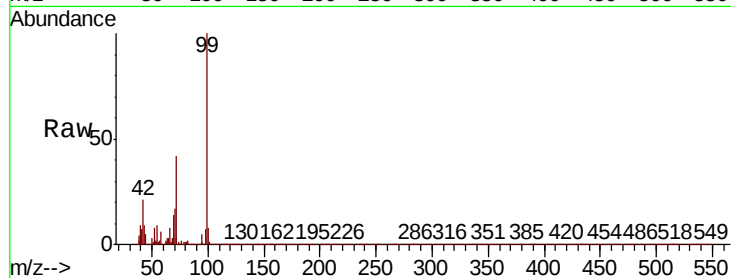
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1022286

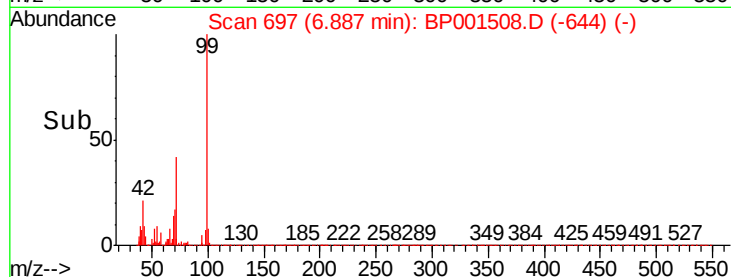
Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.3	22.9
71	41.8	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

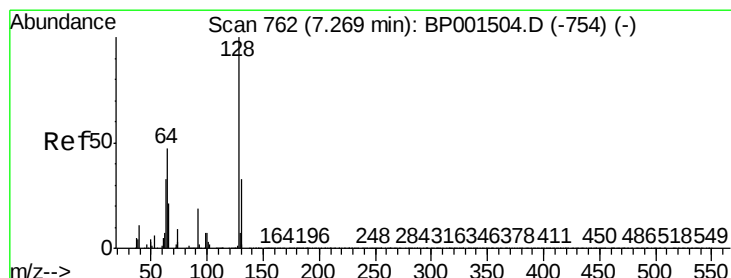
Ion 71.00 (70.70 to 71.70): BP0



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: 86.302 ng

RT: 7.27 min Scan# 763

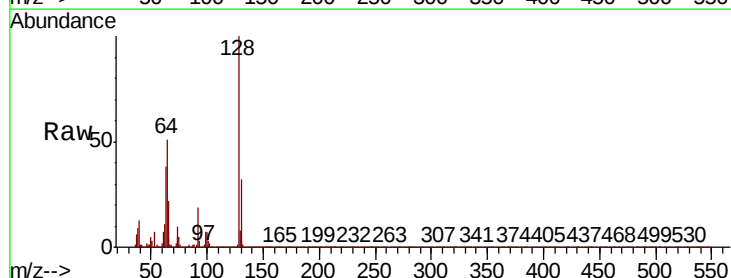
Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion: 128 Resp: 398819

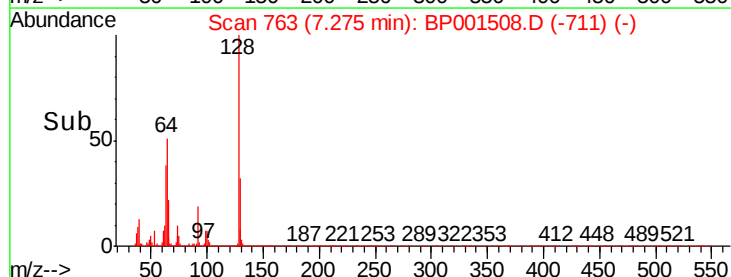
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.2	53.2
64	51.0	31.9	71.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

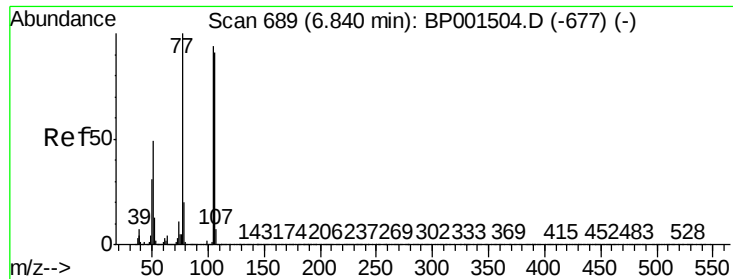
Ion 64.00 (63.70 to 64.70): BP0



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: 48.608 ng

RT: 6.85 min Scan# 690

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

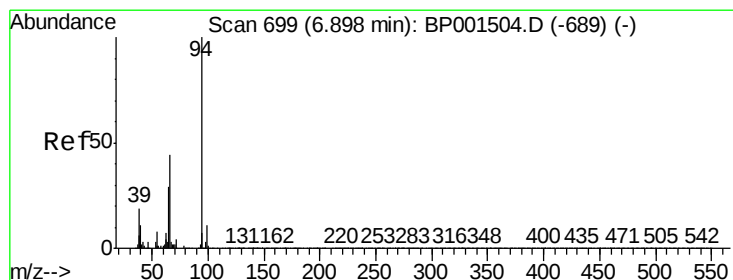
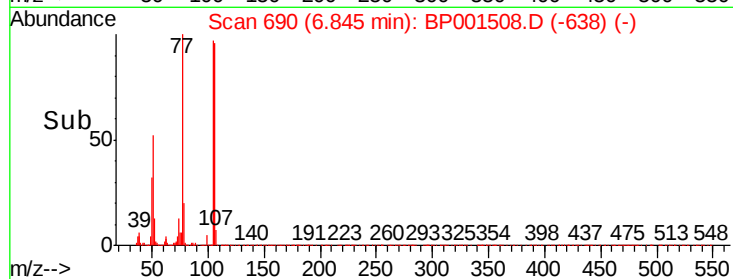
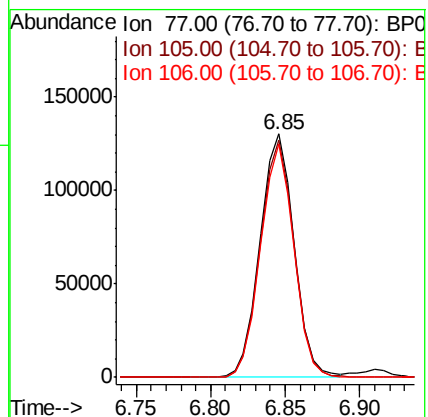
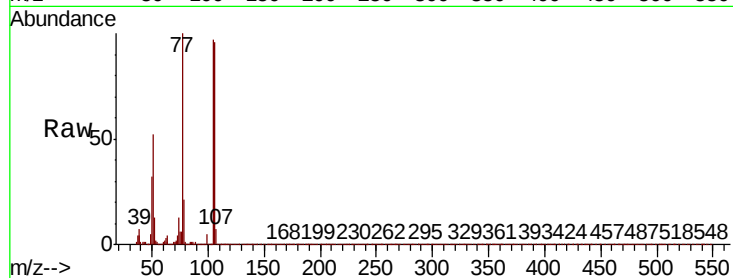
Tot Ion: 77 Resp: 204522

Ion Ratio Lower Upper

77 100

105 97.2 74.0 114.0

106 95.7 70.9 110.9



#10

Phenol

Concen: 79.357 ng

RT: 6.91 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

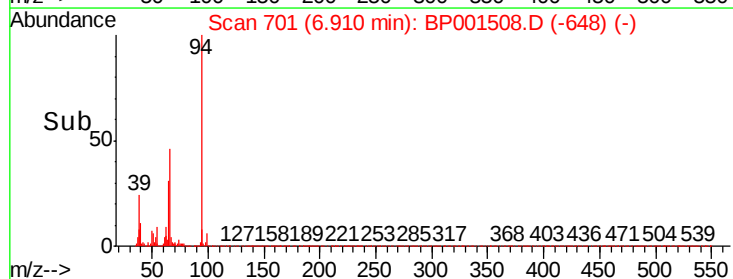
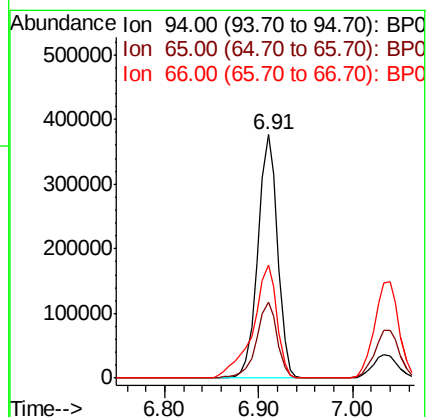
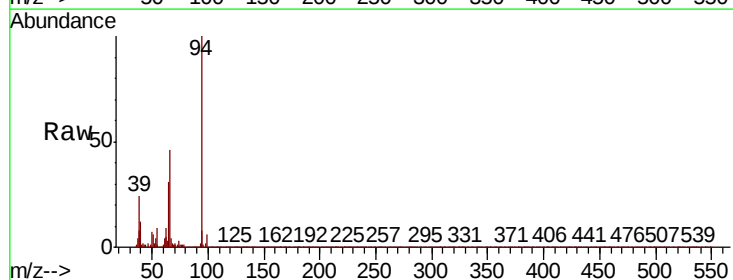
Tgt Ion: 94 Resp: 543861

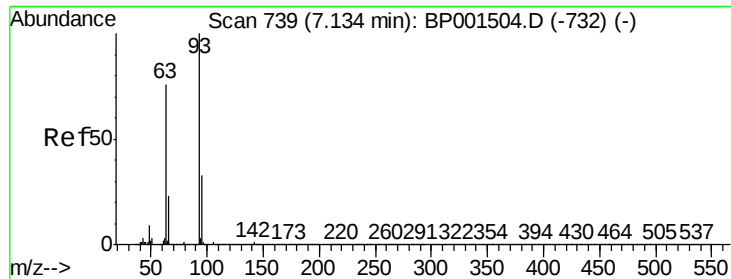
Ion Ratio Lower Upper

94 100

65 31.4 9.2 49.2

66 46.4 23.8 63.8

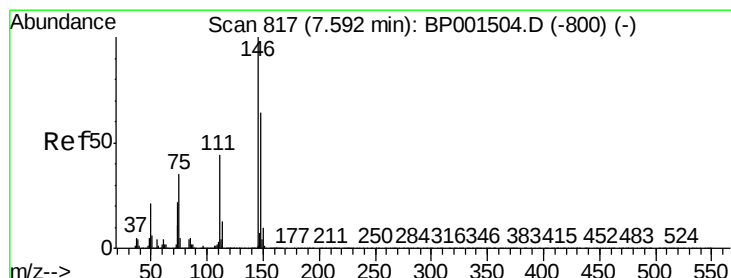
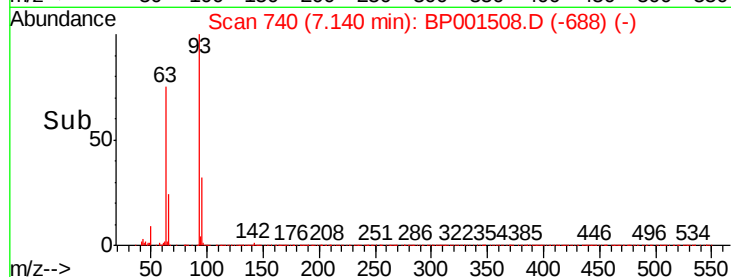
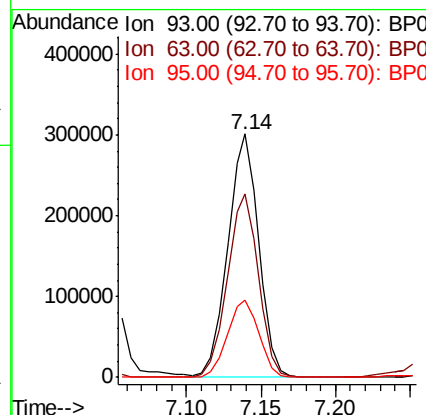
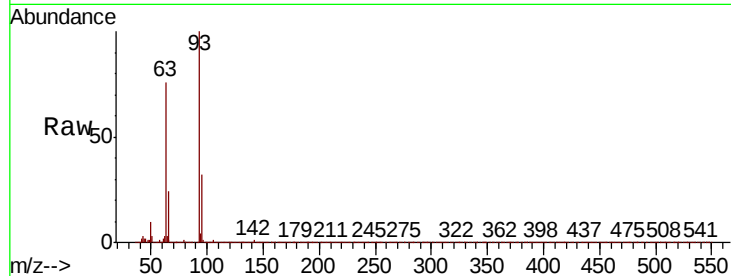




#11
bis(2-Chloroethyl)ether
Concen: 89.950 ng
RT: 7.14 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

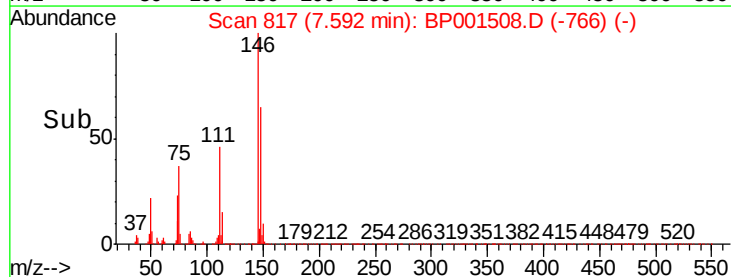
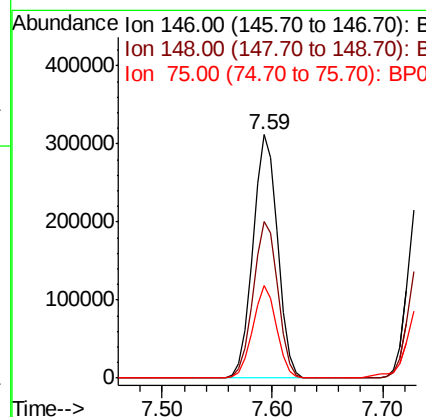
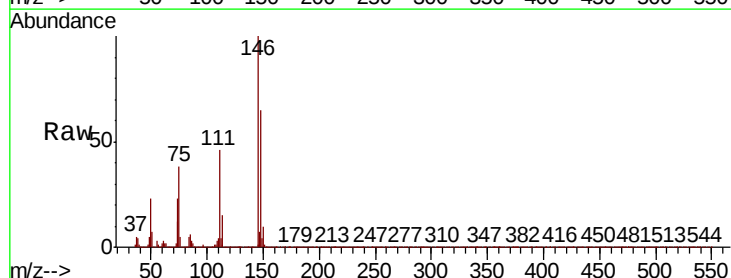
Instrument :
BNA_P
ClientSampleId :

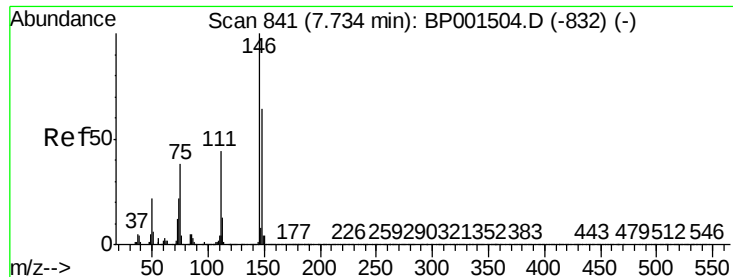
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.1	96.1
95	31.9	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 84.856 ng
RT: 7.59 min Scan# 817
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
75	37.9	28.2	42.2

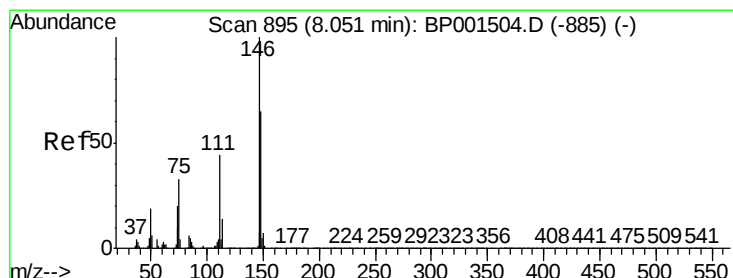
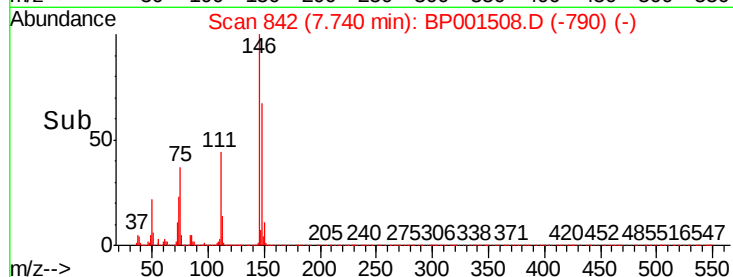
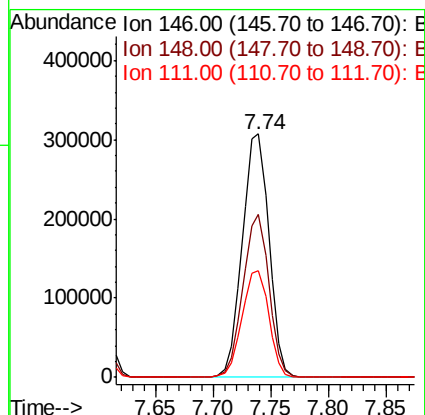
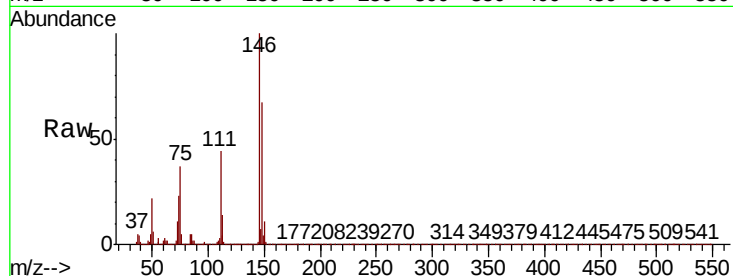




#13
1,4-Dichlorobenzene
Concen: 84.049 ng
RT: 7.74 min Scan# 842
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

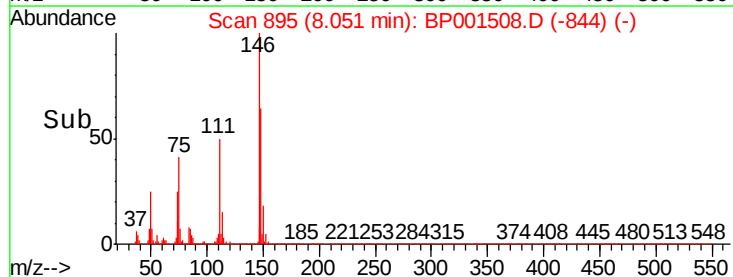
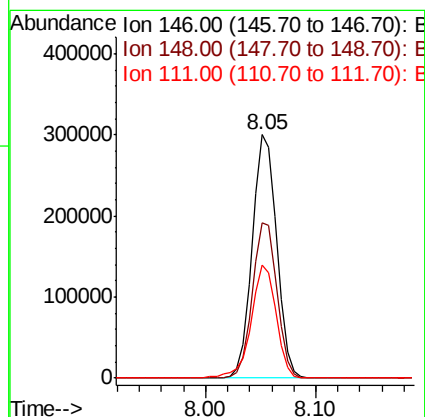
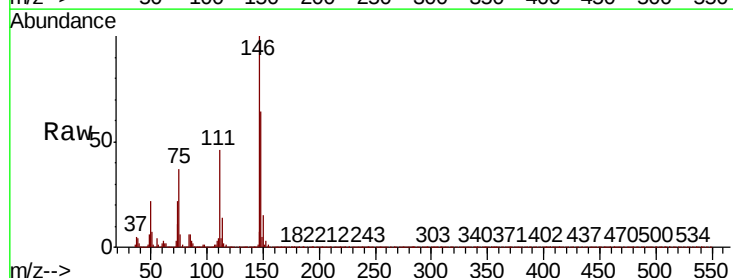
Instrument :
BNA_P
ClientSampleId :

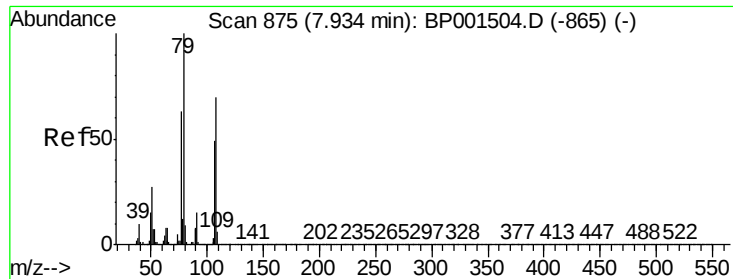
Tot Ion:146 Resp: 492899
Ion Ratio Lower Upper
146 100
148 67.0 51.4 77.2
111 43.9 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 83.422 ng
RT: 8.05 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:146 Resp: 466066
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 46.2 35.3 52.9





#15

Benzyl Alcohol

Concen: 77.205 ng

RT: 7.94 min Scan# 876

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampled :

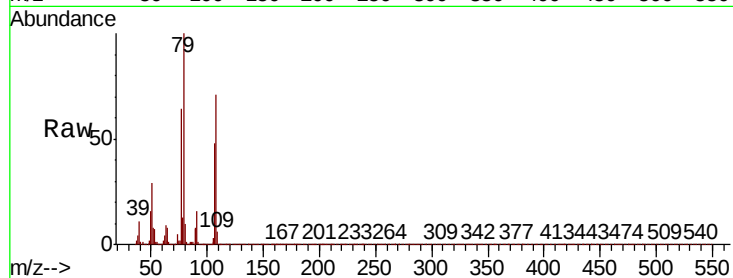
Tot Ion: 79 Resp: 434514

Ion Ratio Lower Upper

79 100

108 70.7 56.2 84.2

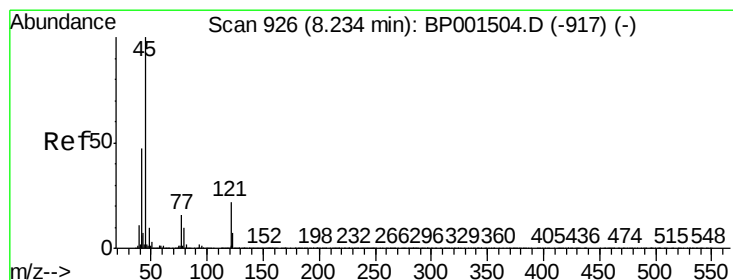
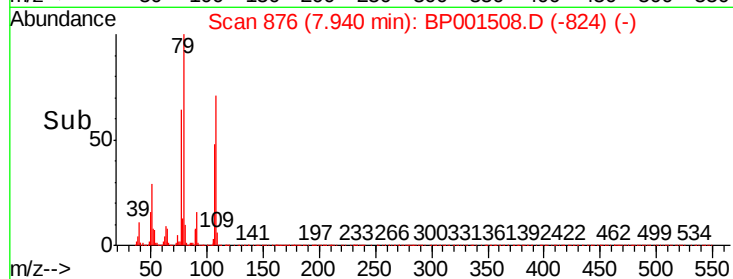
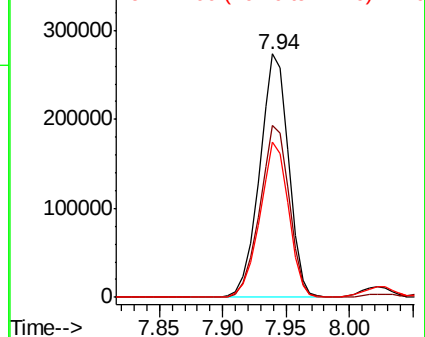
77 63.5 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.504 ng

RT: 8.24 min Scan# 927

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

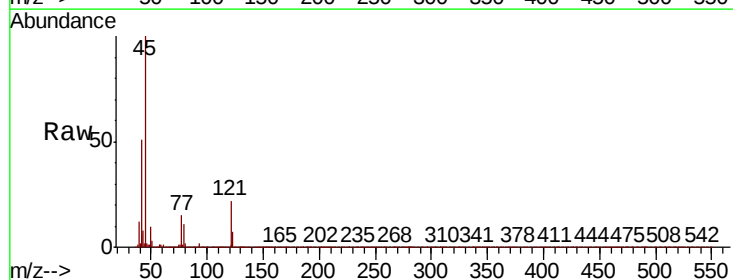
Tgt Ion: 45 Resp: 602806

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.7

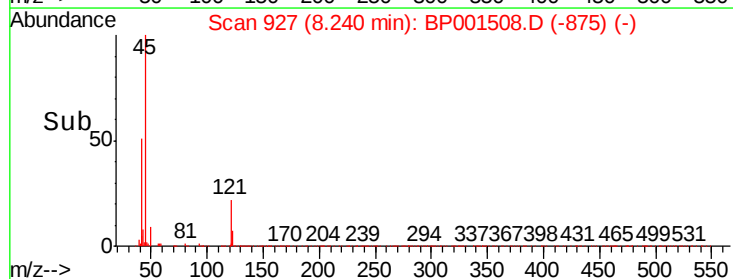
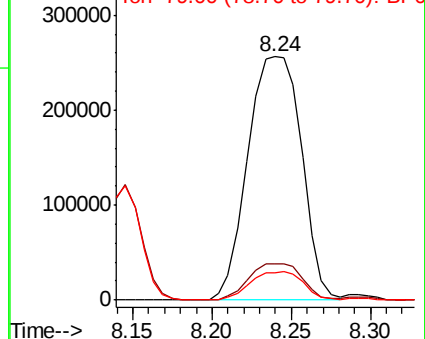
79 11.3 0.0 30.6

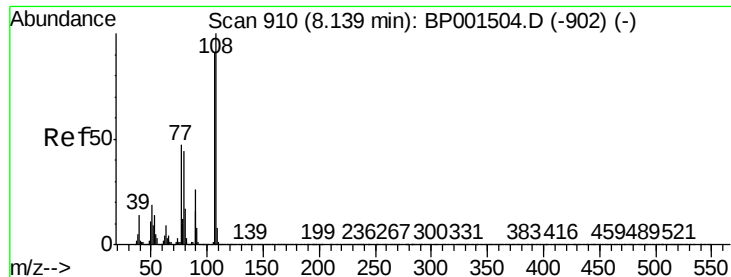


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

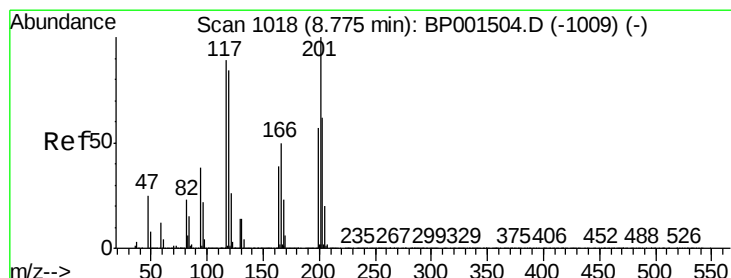
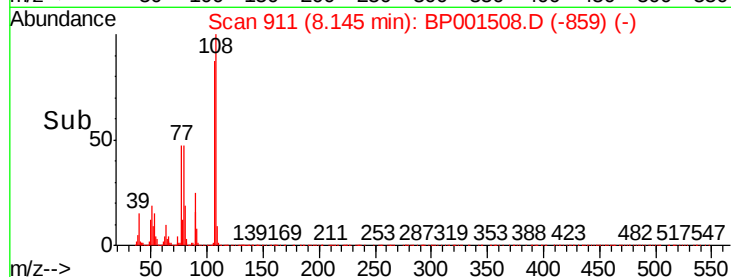
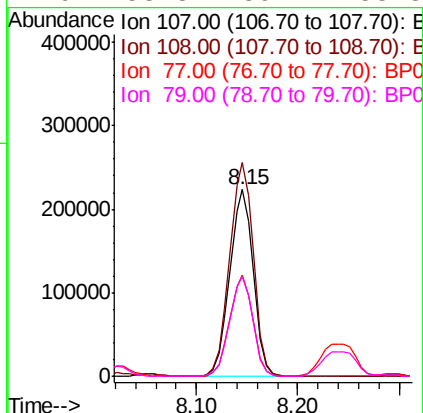
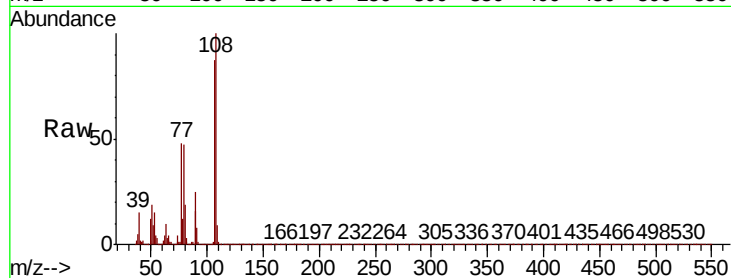




#17
2-Methylphenol
Concen: 87.510 ng
RT: 8.15 min Scan# 911
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

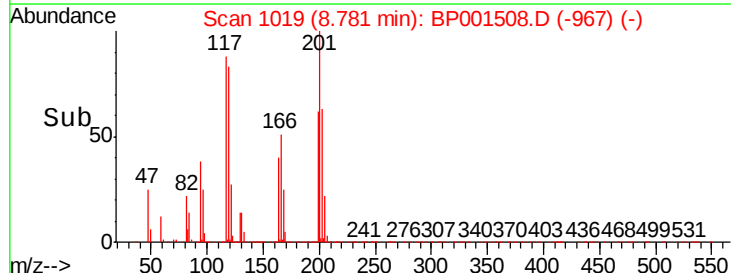
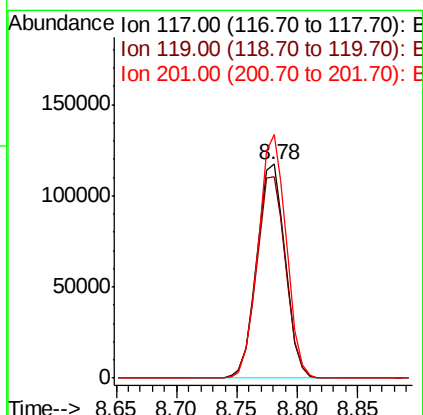
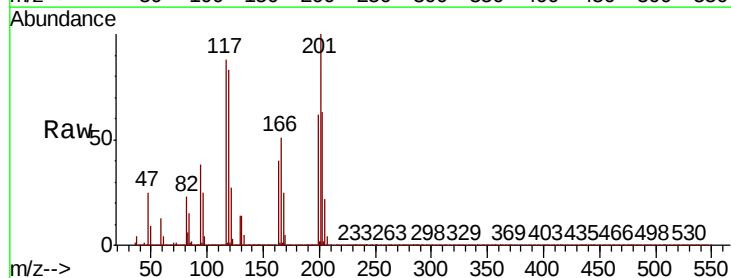
Instrument :
BNA_P
ClientSampleId :

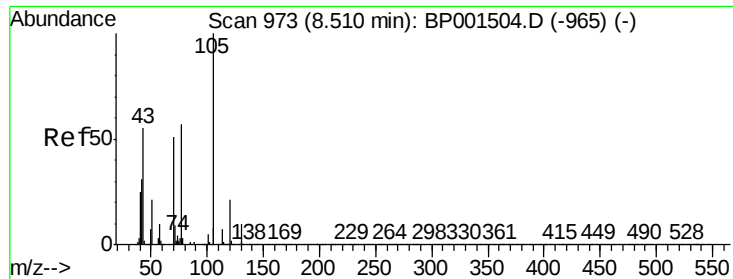
Tot Ion:	107	Resp:	357355
Ion	Ratio	Lower	Upper
107	100		
108	114.4	88.2	132.2
77	54.4	41.5	62.3
79	53.8	39.2	58.8



#18
Hexachloroethane
Concen: 77.369 ng
RT: 8.78 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:	117	Resp:	193017
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.0	114.0
201	114.0	90.2	135.4

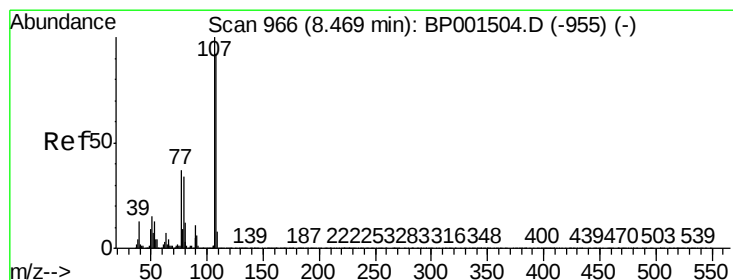
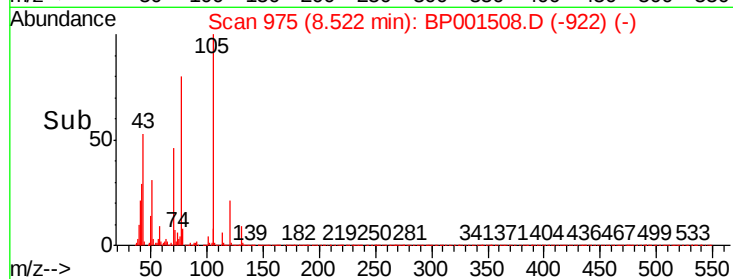
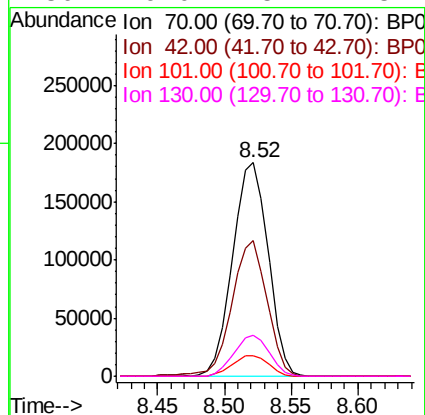
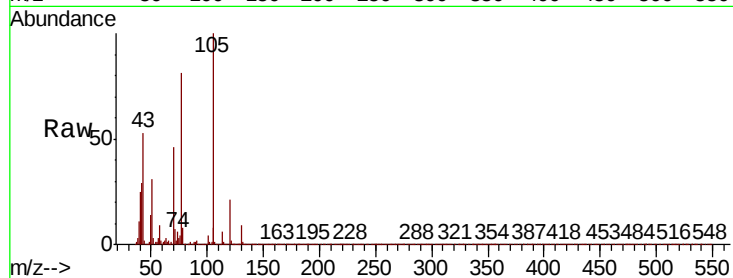




#19
n-Nitroso-di-n-propylamine
Concen: 79.528 ng
RT: 8.52 min Scan# 975
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

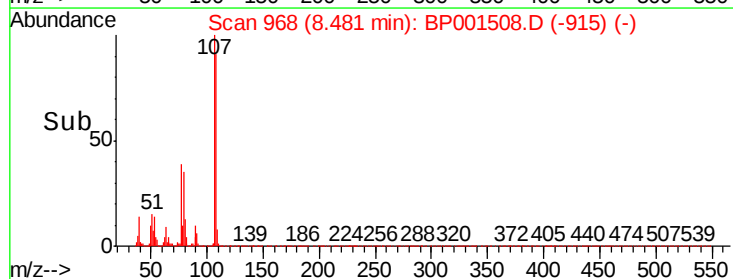
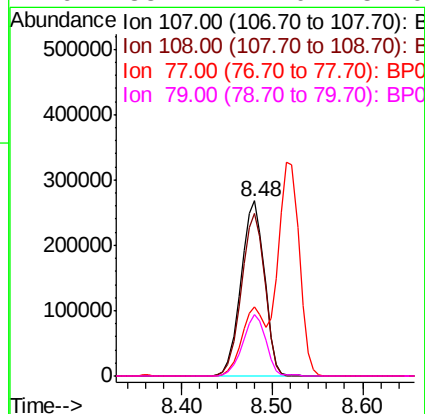
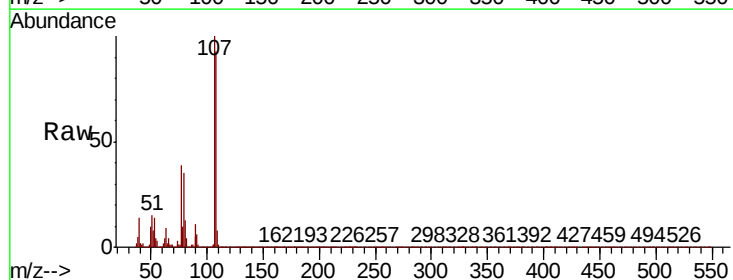
Instrument :
BNA_P
ClientSampleId :

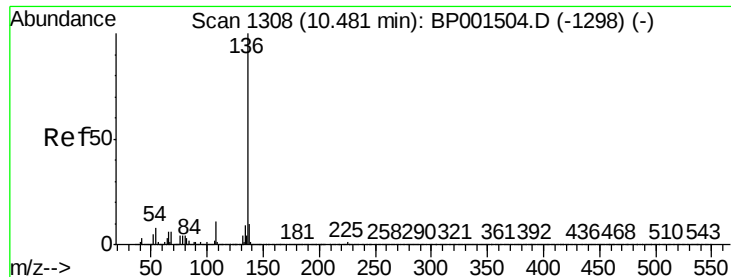
Tot Ion:	70	Resp:	338635
Ion	Ratio	Lower	Upper
70	100		
42	63.5	48.8	73.2
101	9.6	8.1	12.1
130	19.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 89.031 ng
RT: 8.48 min Scan# 968
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:	107	Resp:	482458
Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.8	111.8
77	39.4	17.5	57.5
79	35.4	14.0	54.0

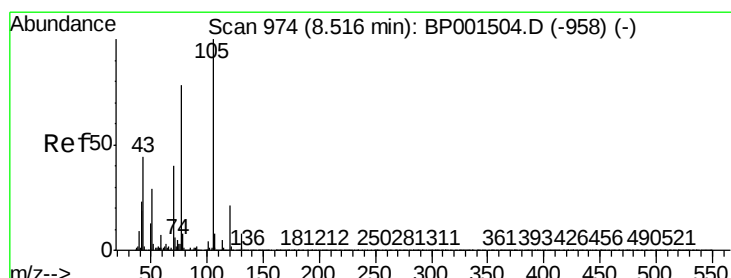
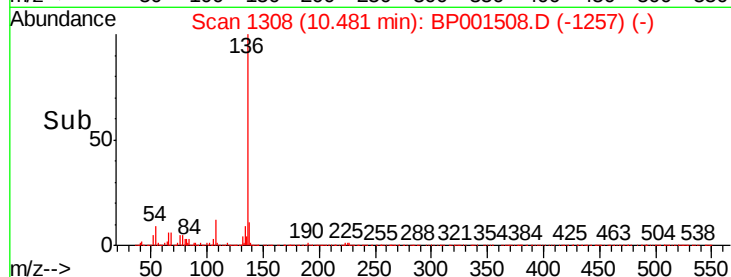
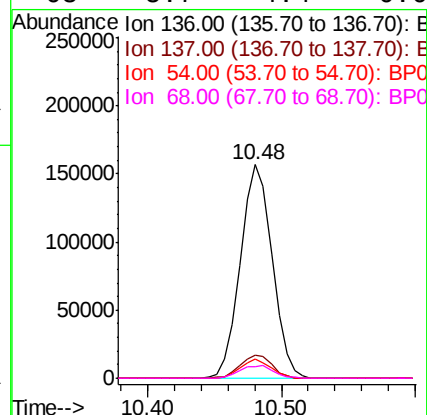
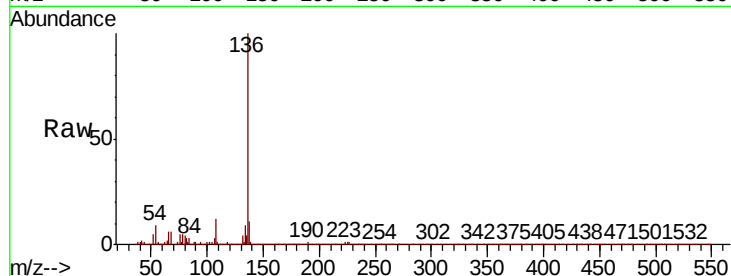




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

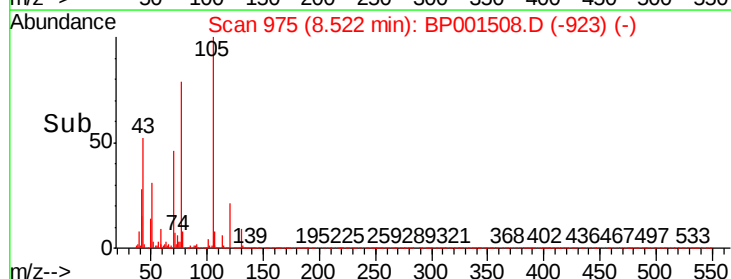
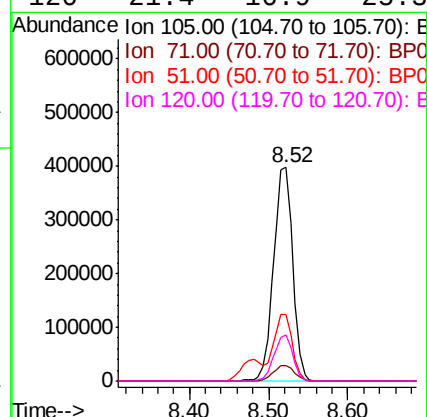
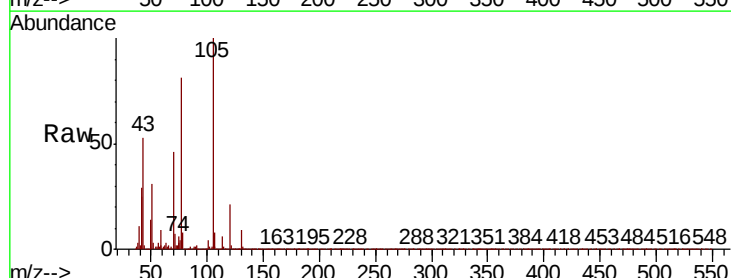
Instrument :
BNA_P
ClientSampleId :

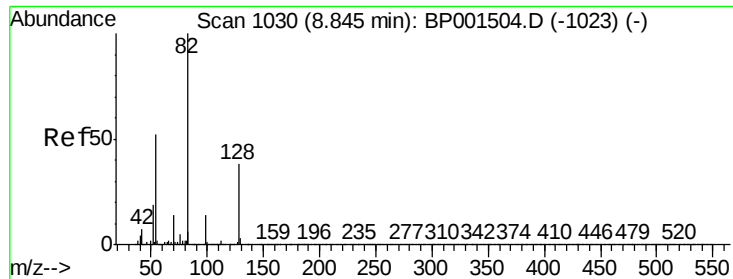
Tot Ion:136	Resp:	257977
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.3	12.5
54 8.9	6.7	10.1
68 5.7	4.4	6.6



#22
Acetophenone
Concen: 82.181 ng
RT: 8.52 min Scan# 975
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt	Ion:105	Resp:	670429
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.1	7.7
51	31.4	22.9	34.3
120	21.4	16.9	25.3

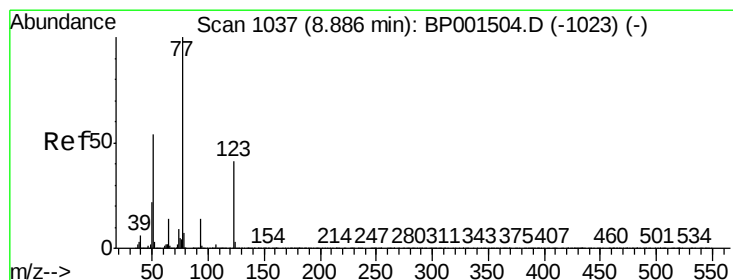
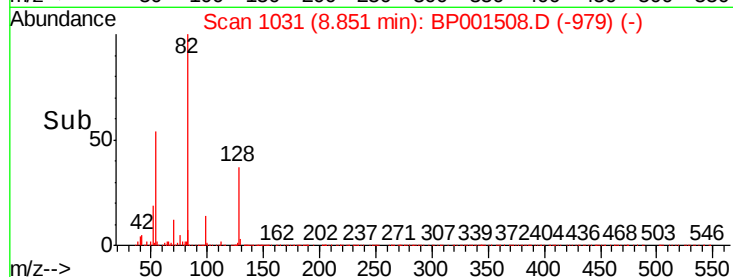
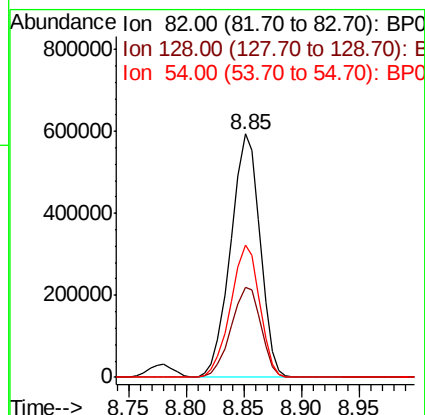
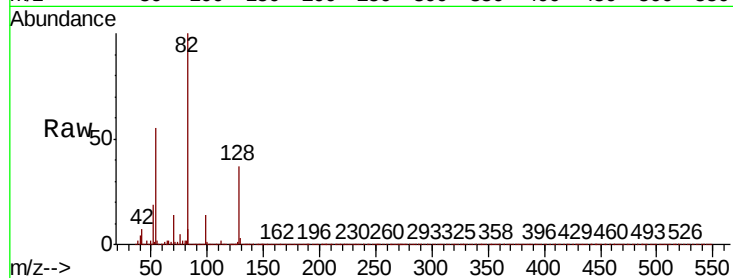




#23
Nitrobenzene-d5
Concen: 155.799 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

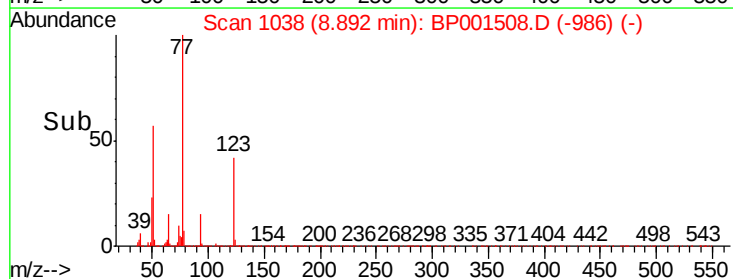
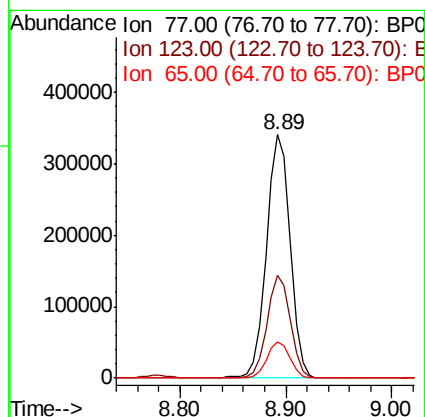
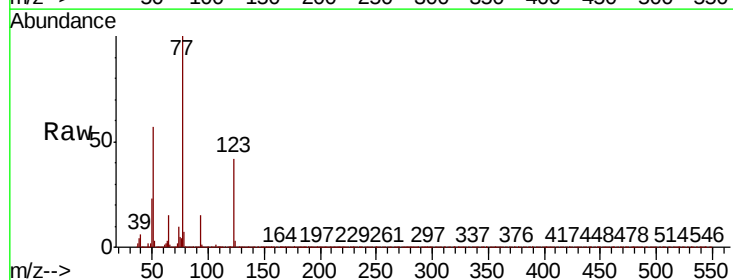
Instrument :
BNA_P
ClientSampleId :

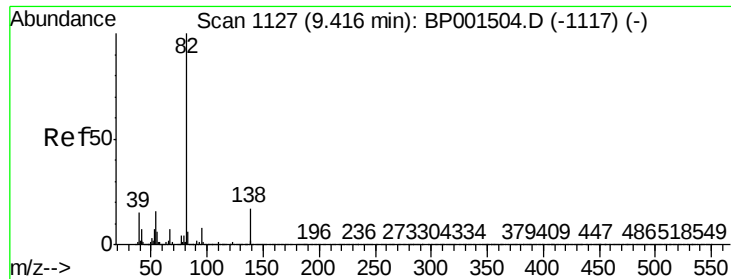
Tot Ion: 82 Resp: 1046649
Ion Ratio Lower Upper
82 100
128 37.1 30.1 45.1
54 54.5 41.8 62.6



#24
Nitrobenzene
Concen: 79.806 ng
RT: 8.89 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion: 77 Resp: 527674
Ion Ratio Lower Upper
77 100
123 42.3 32.7 49.1
65 15.0 11.3 16.9





#25

Isophorone

Concen: 87.722 ng

RT: 9.42 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

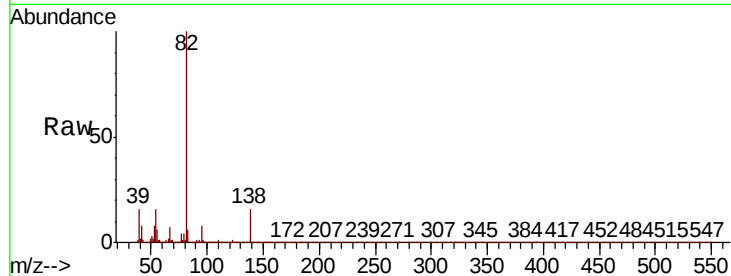
Tot Ion: 82 Resp: 947570

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.4

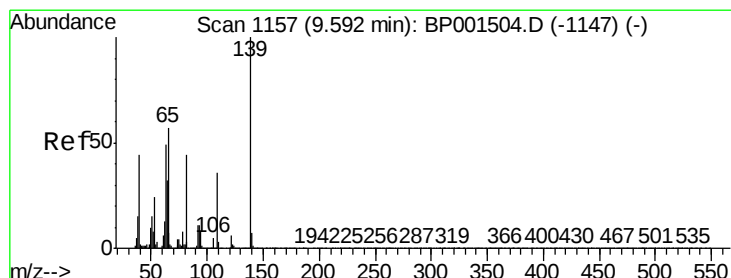
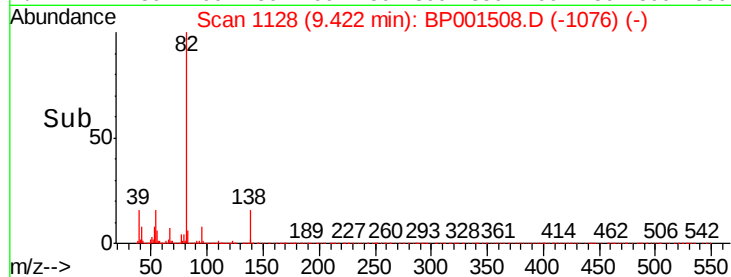
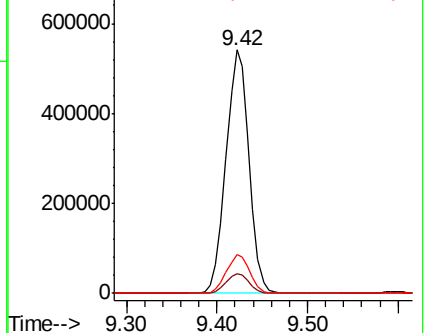
138 15.9 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BP001508.D (-1117) (-)

Ion 95.00 (94.70 to 95.70): BP001508.D (-1117) (-)

Ion 138.00 (137.70 to 138.70): BP001508.D (-1117) (-)



#26

2-Nitrophenol

Concen: 88.464 ng

RT: 9.60 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

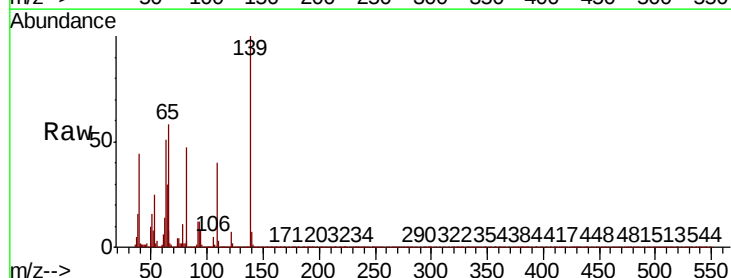
Tgt Ion: 139 Resp: 208575

Ion Ratio Lower Upper

139 100

109 40.3 29.0 43.4

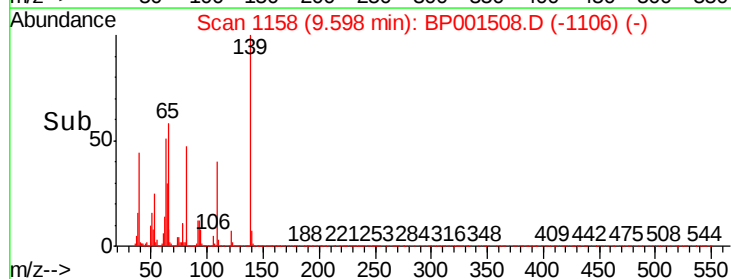
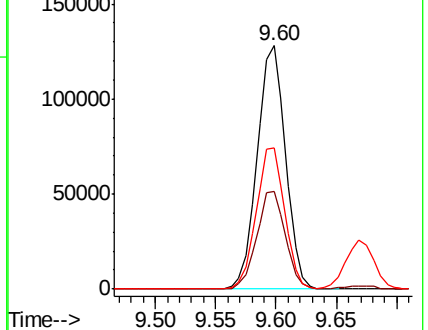
65 58.1 45.6 68.4

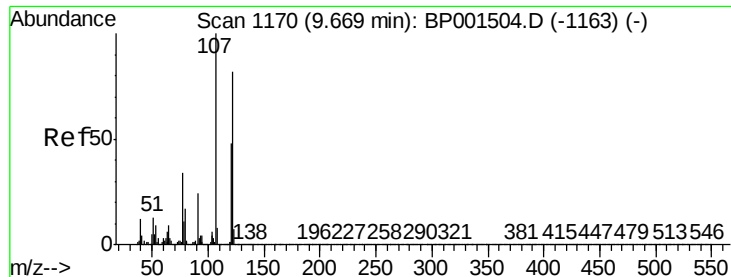


Abundance Ion 139.00 (138.70 to 139.70): BP001508.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BP001508.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BP001508.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 95.189 ng

RT: 9.67 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

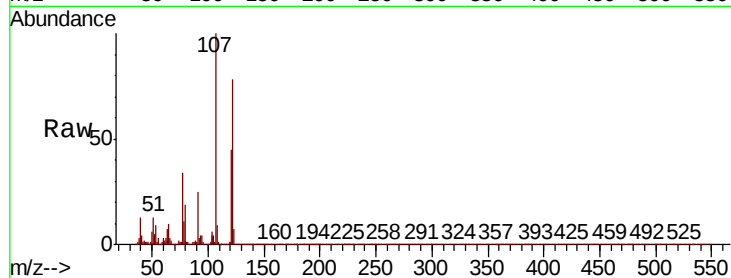
Tot Ion:122 Resp: 330088

Ion Ratio Lower Upper

122 100

107 128.0 98.2 147.2

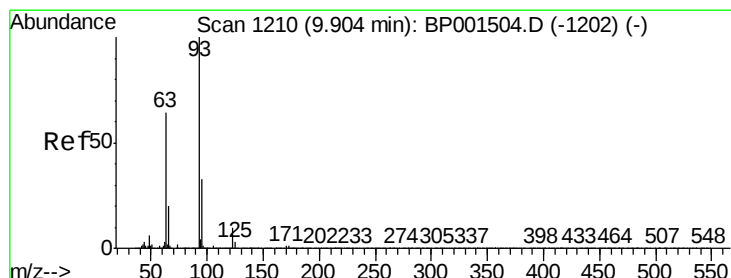
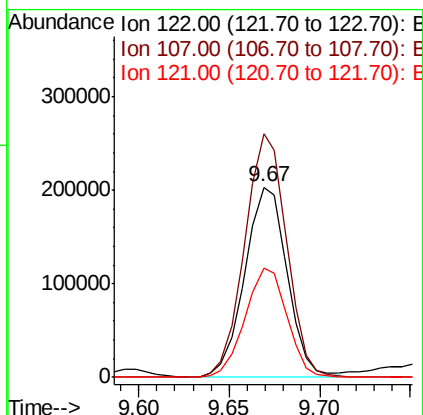
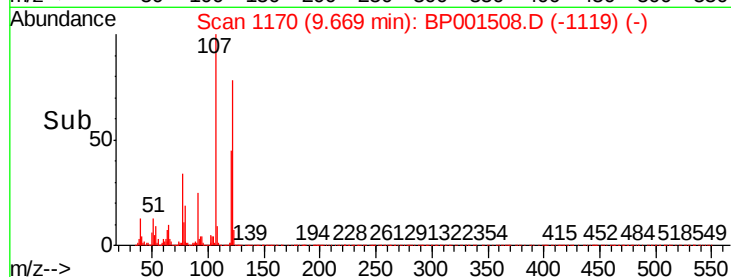
121 57.5 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 90.224 ng

RT: 9.91 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

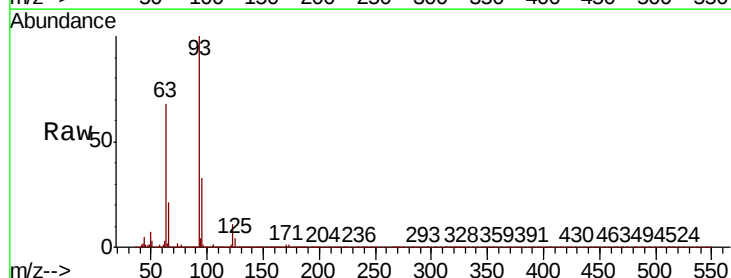
Tgt Ion: 93 Resp: 582090

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

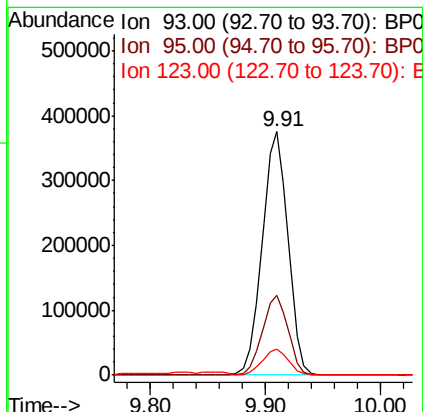
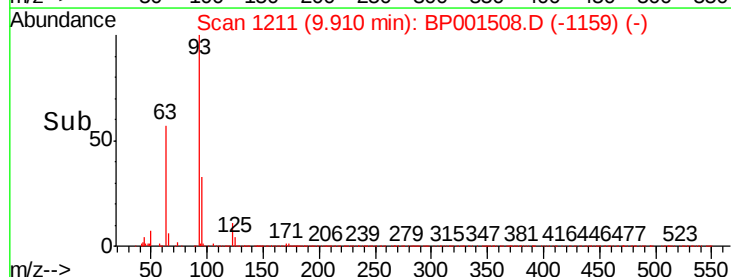
123 10.9 8.2 12.4

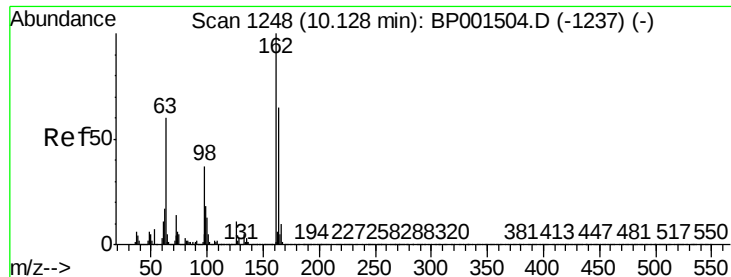


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 95.027 ng

RT: 10.13 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

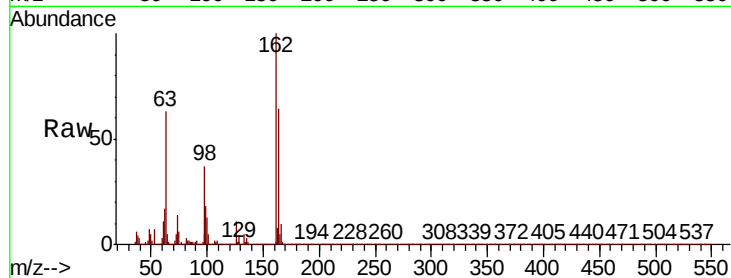
Tot Ion:162 Resp: 408023

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

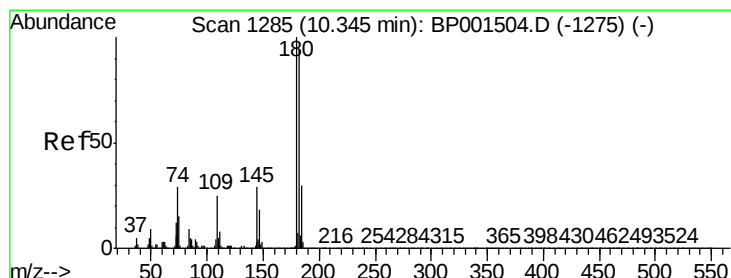
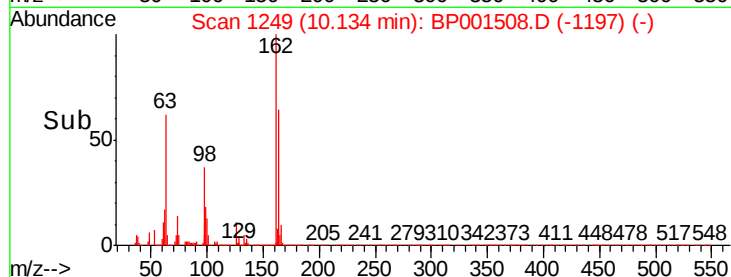
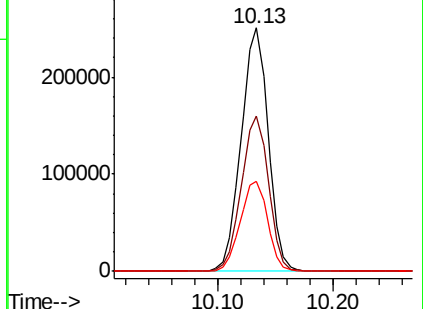
98 37.2 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 90.290 ng

RT: 10.35 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

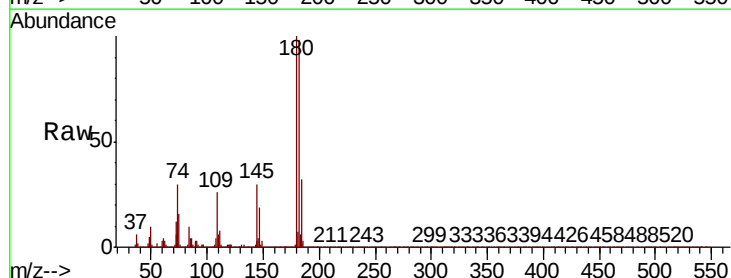
Tgt Ion:180 Resp: 476868

Ion Ratio Lower Upper

180 100

182 97.5 75.0 112.4

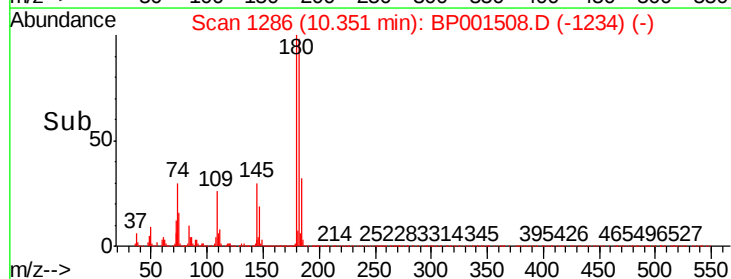
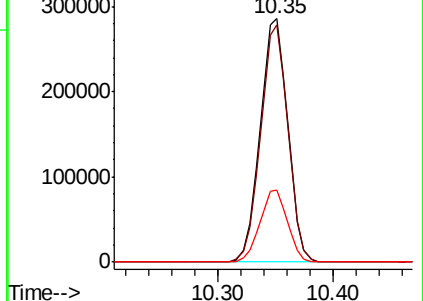
145 29.6 23.5 35.3

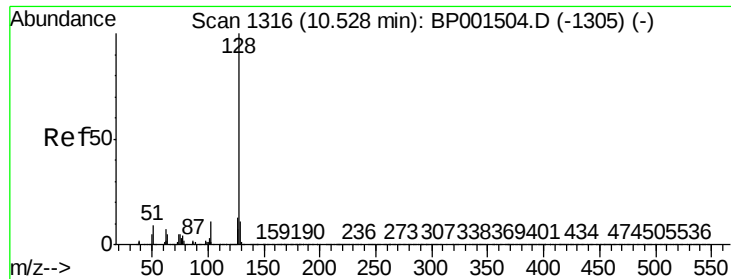


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

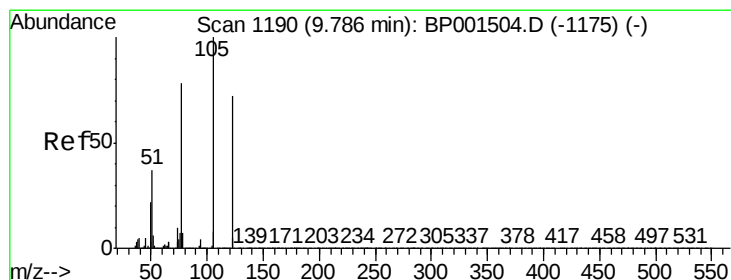
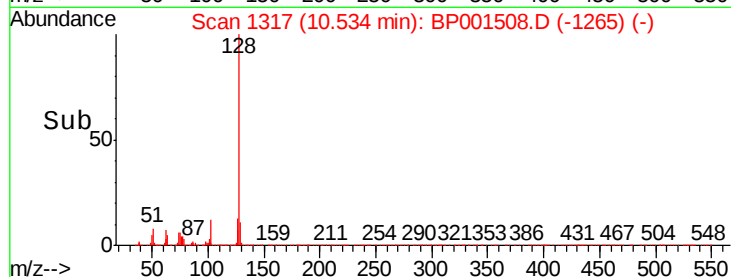
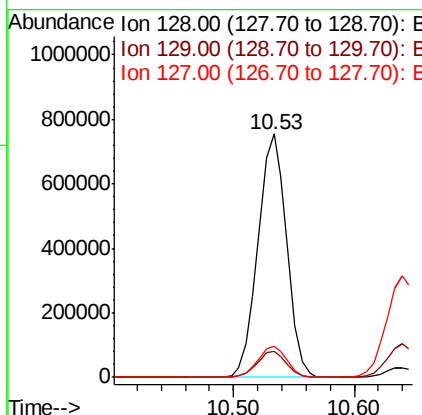
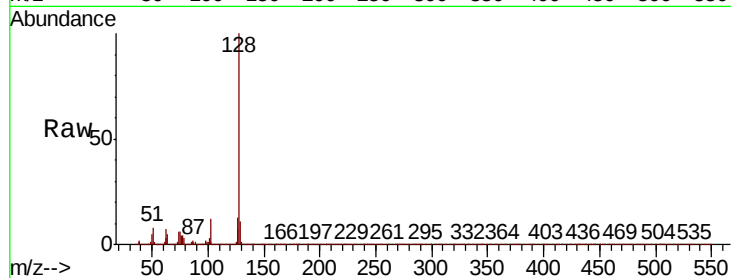




#31
Naphthalene
Concen: 88.756 ng
RT: 10.53 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

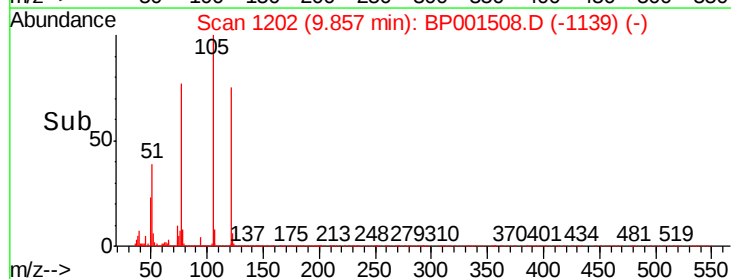
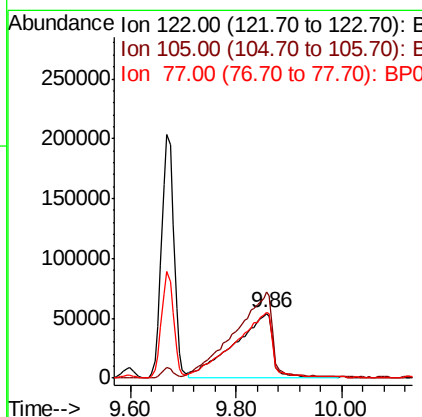
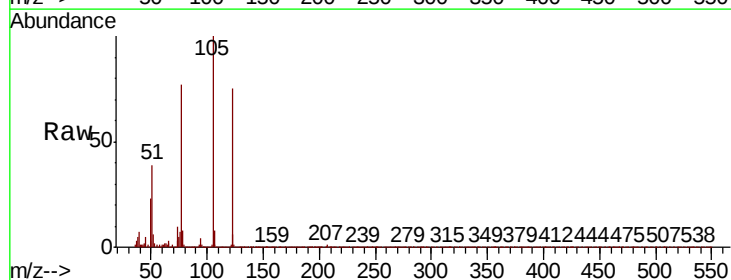
Instrument :
BNA_P
ClientSampleId :

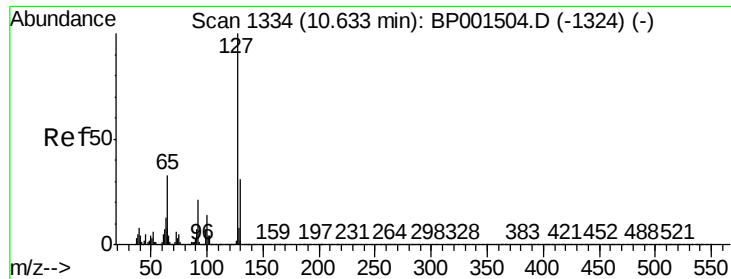
Tot Ion:128 Resp: 1249867
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 103.634 ng
RT: 9.86 min Scan# 1202
Delta R.T. 0.07 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:122 Resp: 272516
Ion Ratio Lower Upper
122 100
105 132.7 111.1 151.1
77 101.9 85.9 125.9

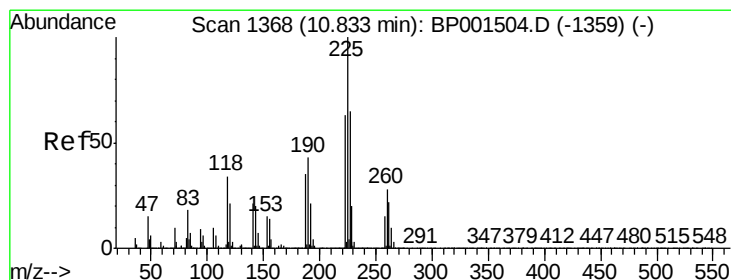
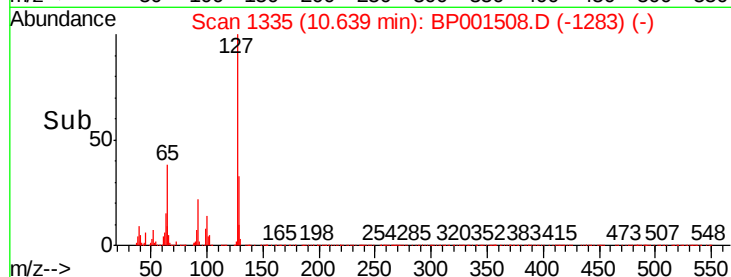
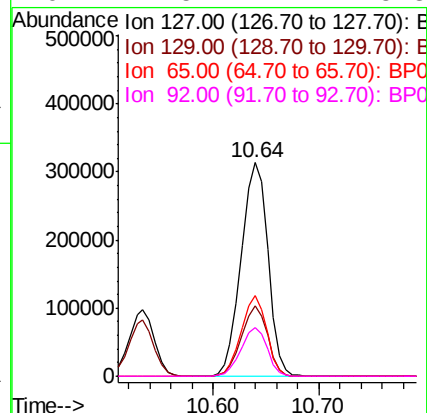
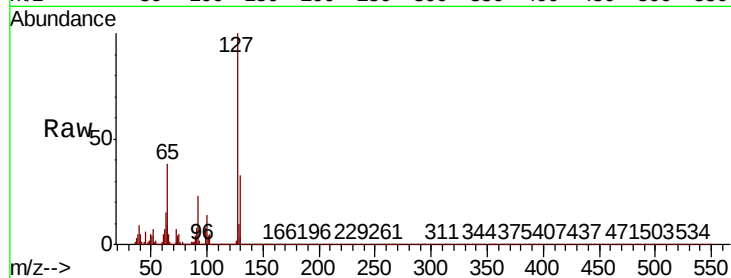




#33
4-Chloroaniline
Concen: 95.471 ng
RT: 10.64 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

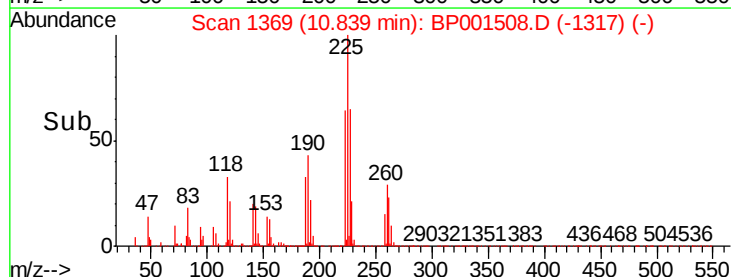
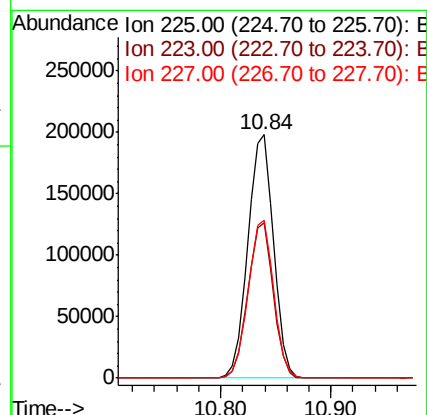
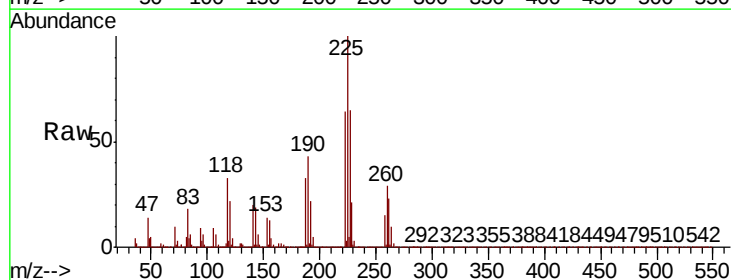
Instrument :
BNA_P
ClientSampled :

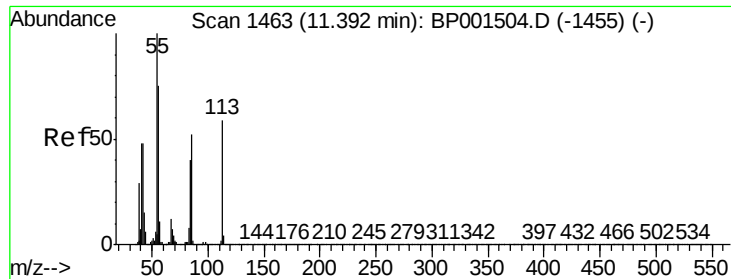
Tot Ion:	127	Resp:	549818
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.2	37.8
65	37.6	26.6	39.8
92	22.5	17.2	25.8



#34
Hexachlorobutadiene
Concen: 87.734 ng
RT: 10.84 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:	225	Resp:	323193
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	64.8	52.0	78.0

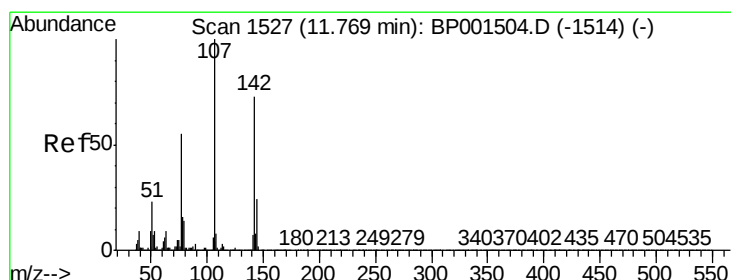
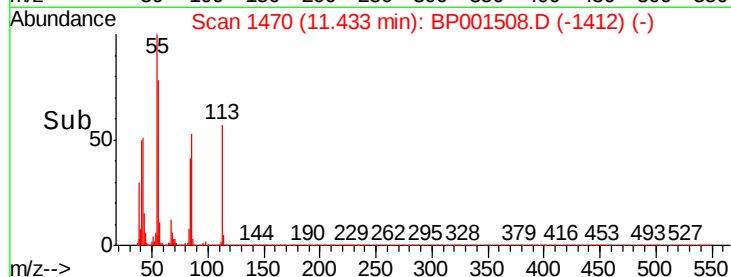
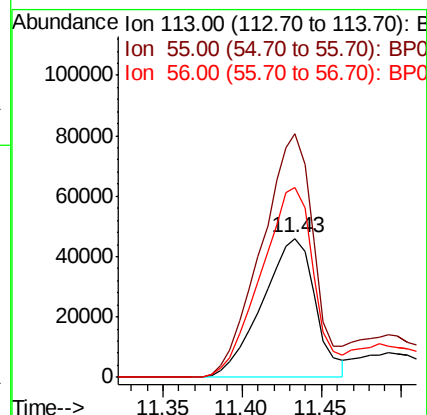
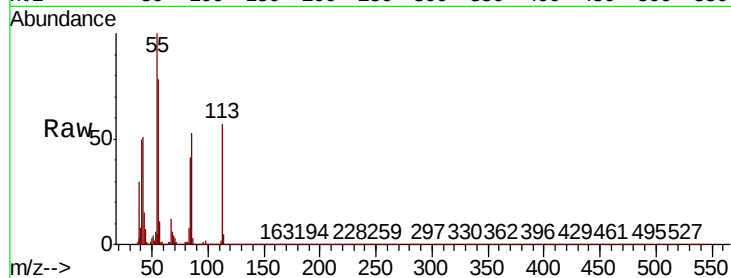




#35
 Caprolactam
 Concen: 83.682 ng
 RT: 11.43 min Scan# 1470
 Delta R.T. 0.04 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

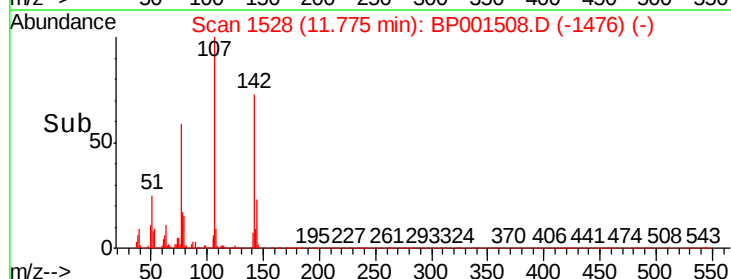
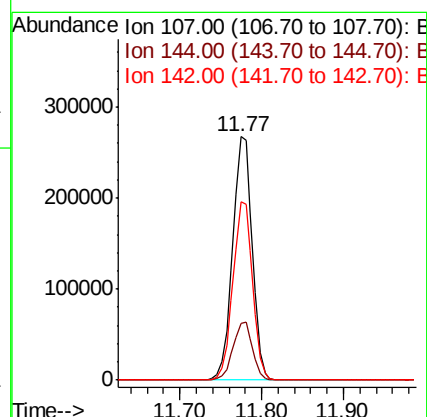
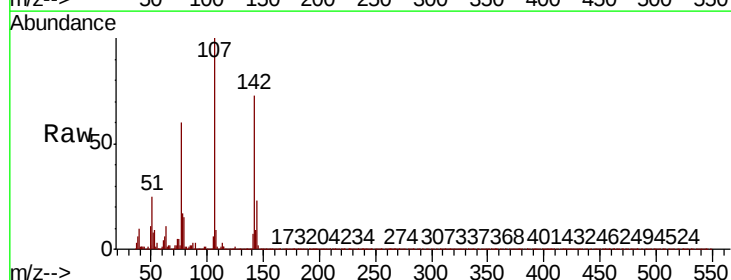
Instrument :
 BNA_P
 ClientSampled :

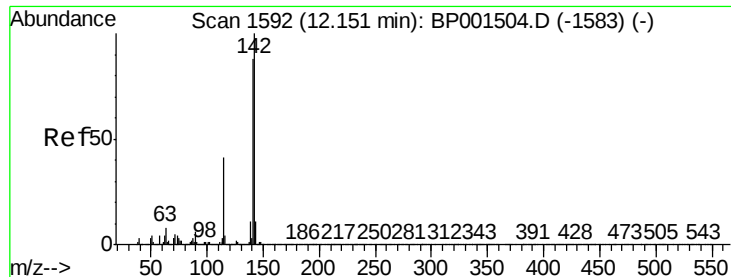
Tot Ion:113 Resp: 106917
 Ion Ratio Lower Upper
 113 100
 55 175.5 150.8 190.8
 56 137.0 107.7 147.7



#36
 4-Chloro-3-methylphenol
 Concen: 88.967 ng
 RT: 11.77 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

Tgt Ion:107 Resp: 446410
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.2 28.8
 142 73.0 58.4 87.6

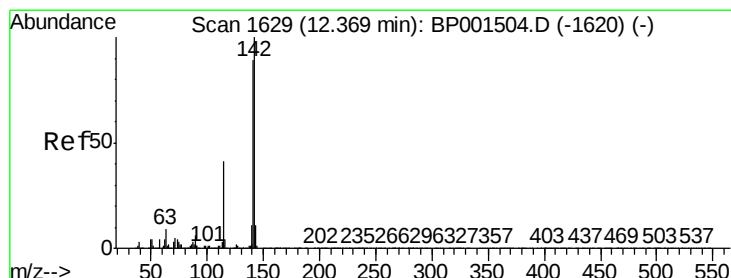
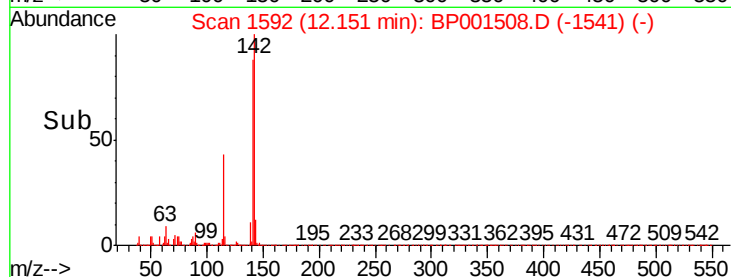
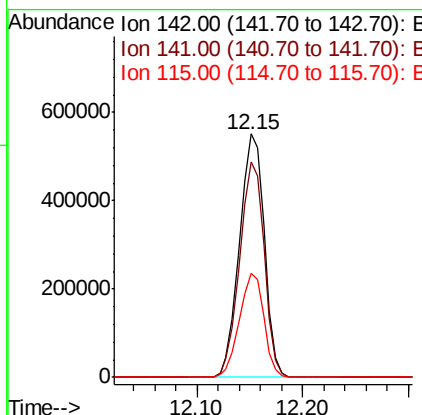
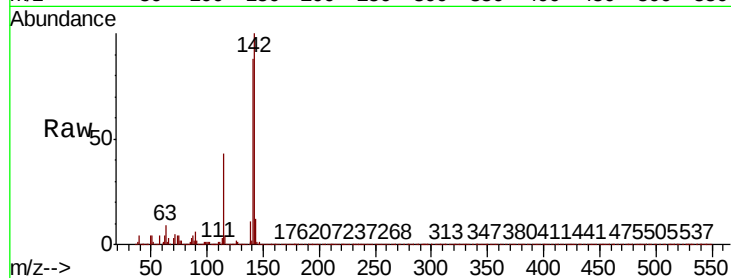




#37
2-Methylnaphthalene
Concen: 91.880 ng
RT: 12.15 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

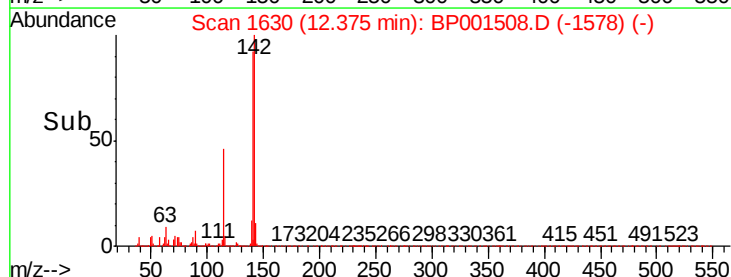
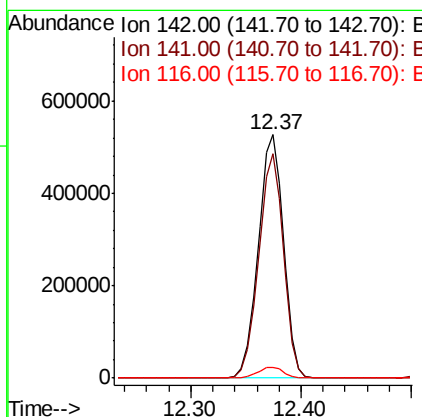
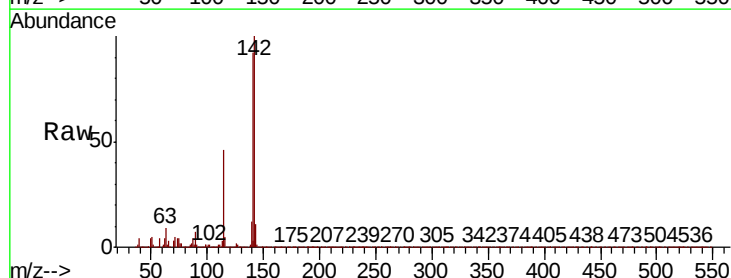
Instrument :
BNA_P
ClientSampleId :

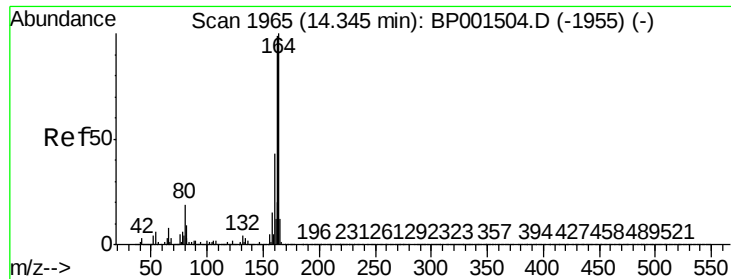
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	42.8	32.4	48.6



#38
1-Methylnaphthalene
Concen: 92.076 ng
RT: 12.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.4	107.0
116	4.6	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

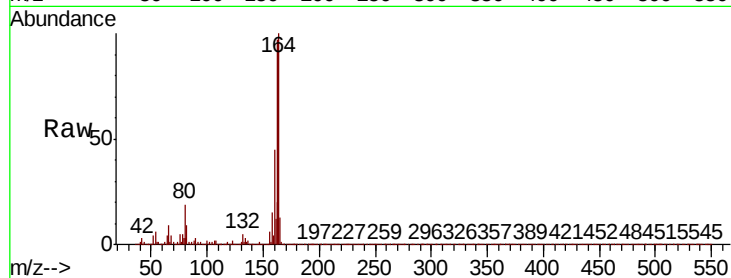
Tot Ion:164 Resp: 166615

Ion Ratio Lower Upper

164 100

162 96.9 79.2 118.8

160 44.5 34.6 52.0

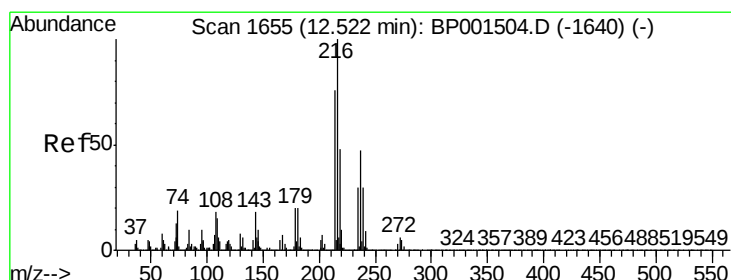
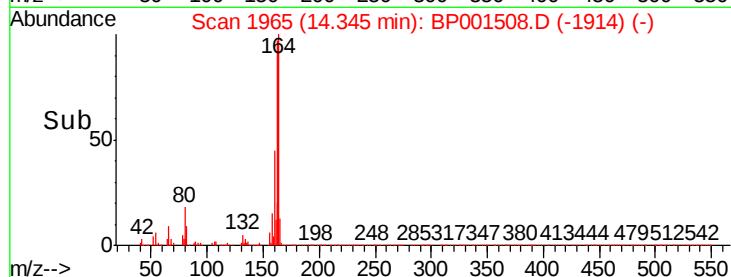
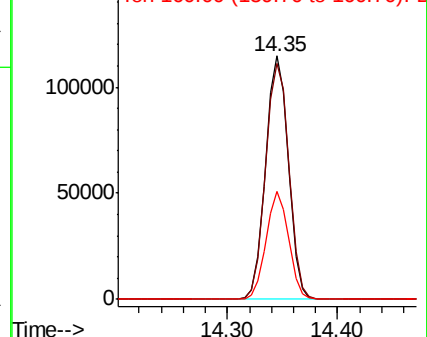


Abundance

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: 82.994 ng

RT: 12.53 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion:216 Resp: 511295

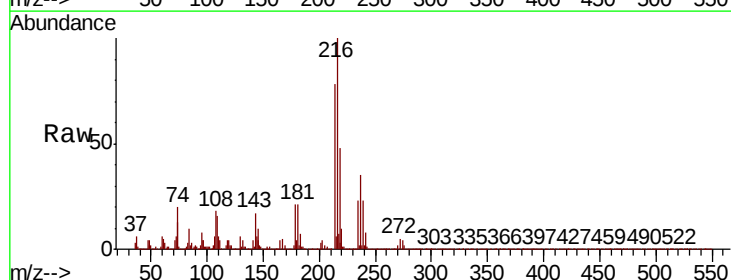
Ion Ratio Lower Upper

216 100

214 78.3 61.5 92.3

179 21.0 16.6 24.8

108 19.3 14.6 22.0



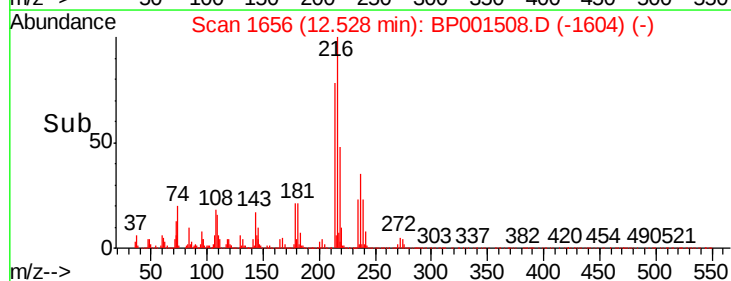
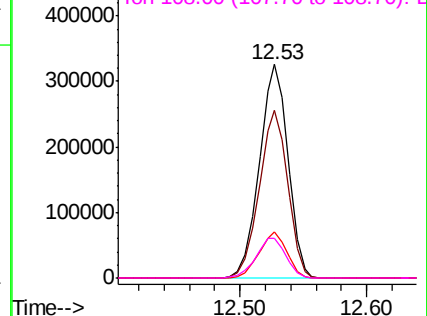
Abundance

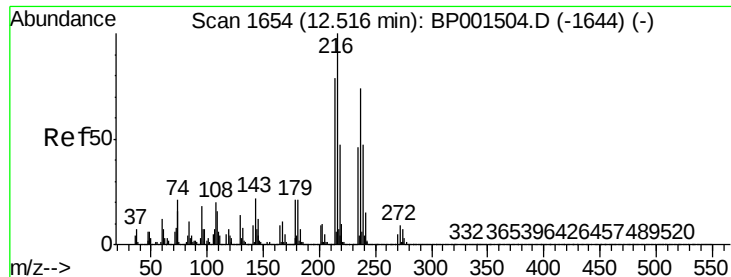
Ion 216.00 (215.70 to 216.70): E

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

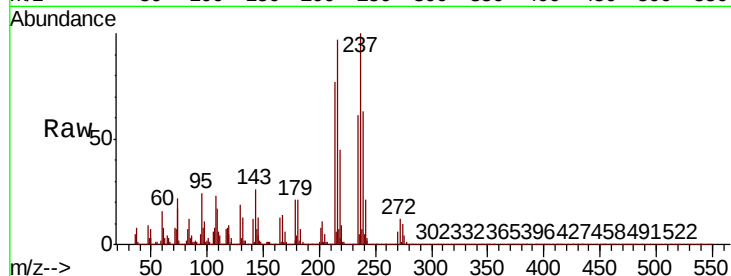




#41
Hexachlorocyclopentadiene
Concen: 93.131 ng
RT: 12.52 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.6	82.6
272	11.9	0.0	32.6

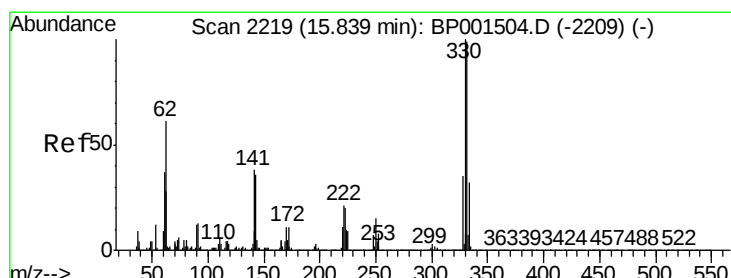
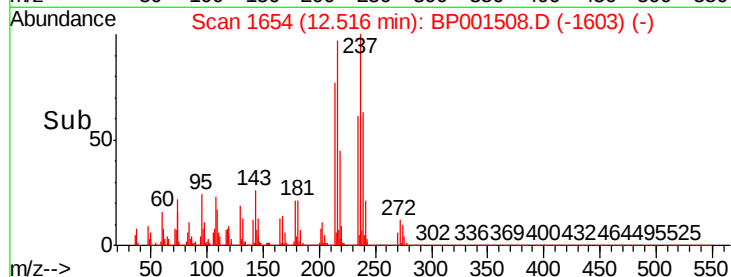
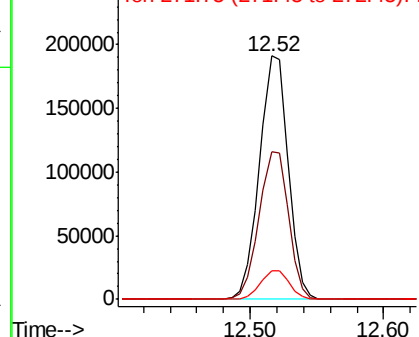


Abundance

Ion 236.80 (236.50 to 237.50): E

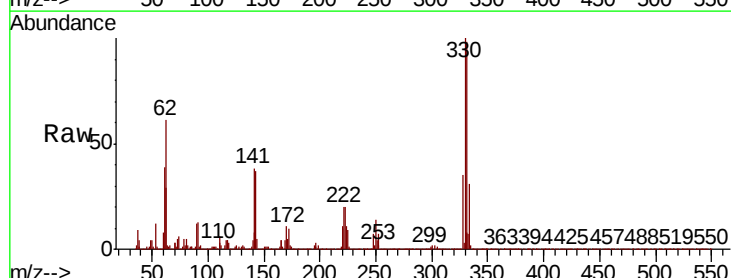
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 170.969 ng
RT: 15.85 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.2
141	38.4	30.3	45.5

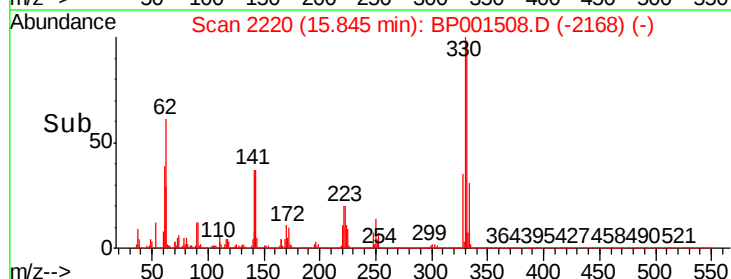
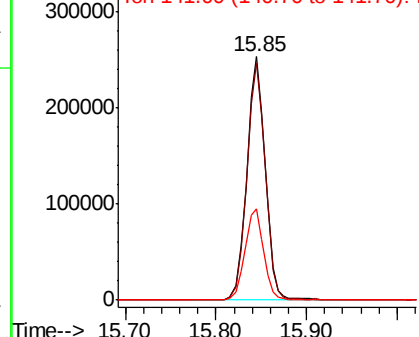


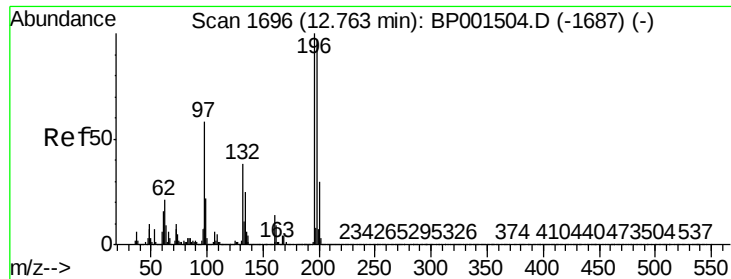
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

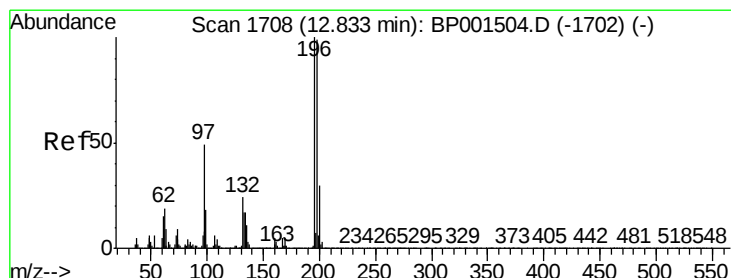
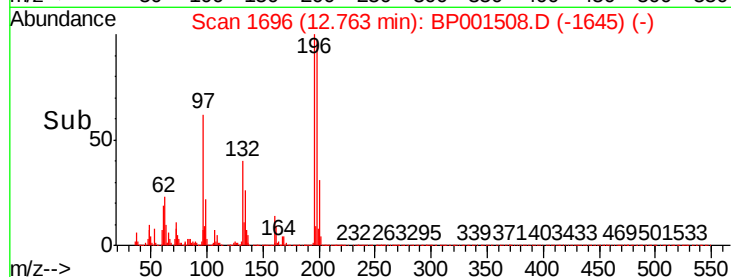
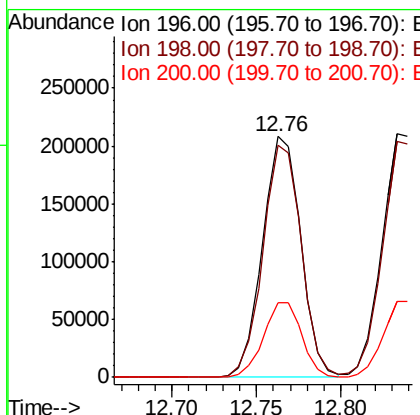
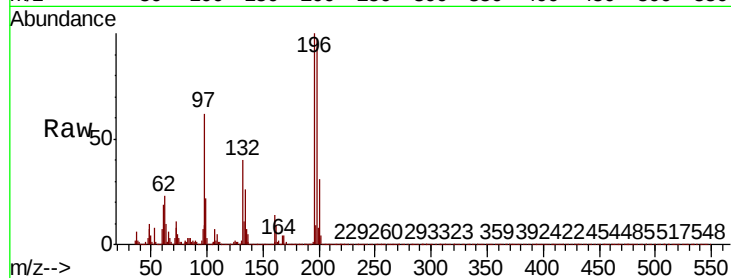




#43
 2,4,6-Trichlorophenol
 Concen: 86.727 ng
 RT: 12.76 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

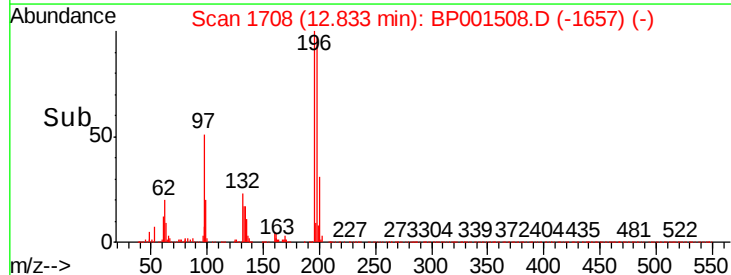
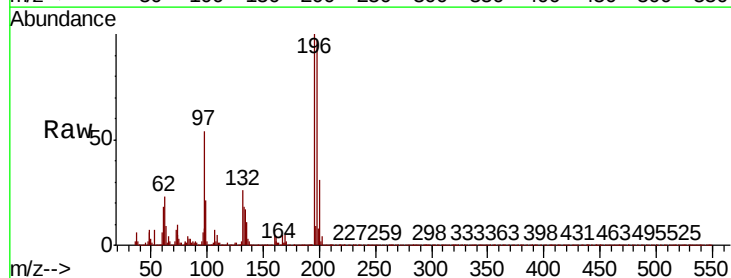
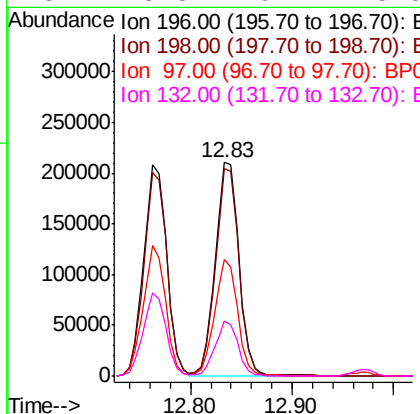
Instrument :
 BNA_P
 ClientSampleID :

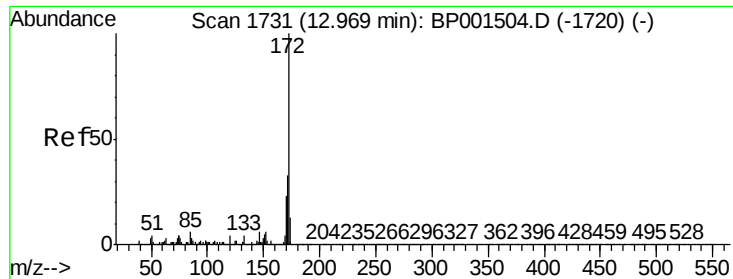
Tot Ion	196	Resp	328588
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.4	116.2
200	31.0	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 87.375 ng
 RT: 12.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

Tgt Ion	196	Resp	340132
Ion Ratio	Lower	Upper	
196	100		
198	96.9	79.5	119.3
97	54.3	39.3	58.9
132	25.8	19.2	28.8

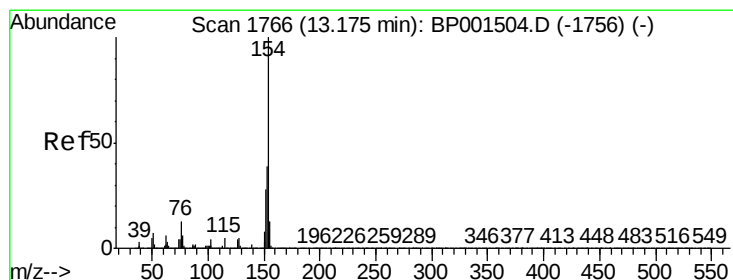
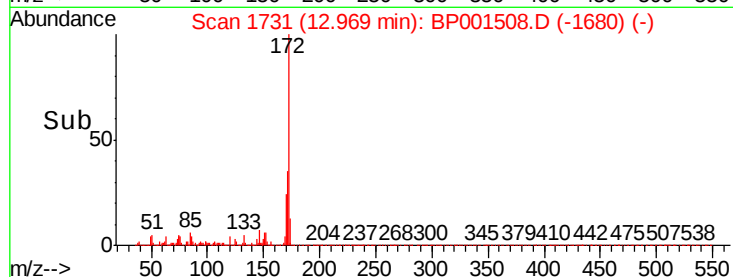
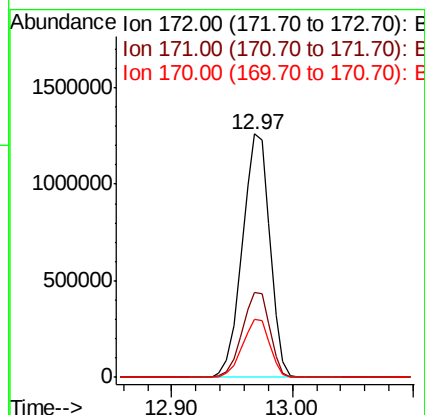
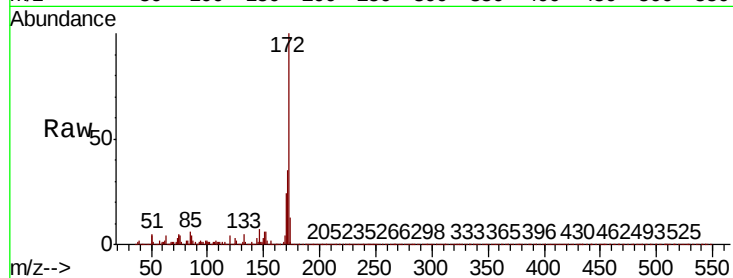




#45
2-Fluorobiphenyl
Concen: 151.874 ng
RT: 12.97 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

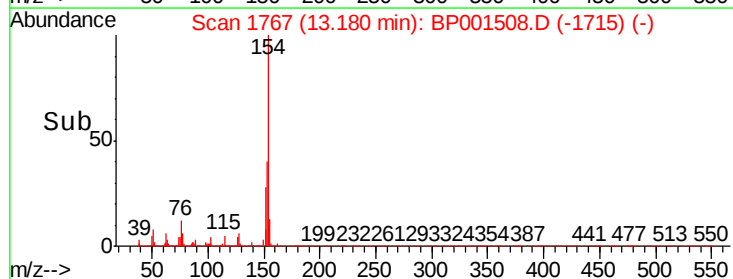
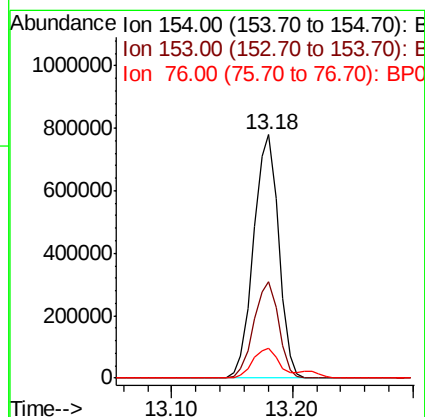
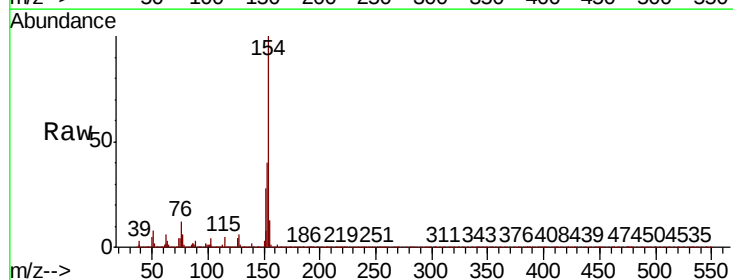
Instrument :
BNA_P
ClientSampleId :

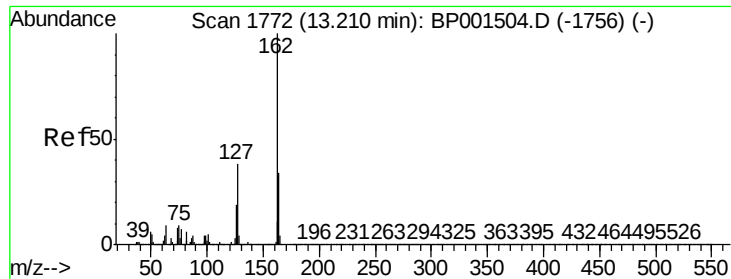
Tot Ion:172 Resp: 2001165
Ion Ratio Lower Upper
172 100
171 34.9 26.7 40.1
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 81.217 ng
RT: 13.18 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:154 Resp: 1132401
Ion Ratio Lower Upper
154 100
153 39.7 19.1 59.1
76 12.2 0.0 33.0

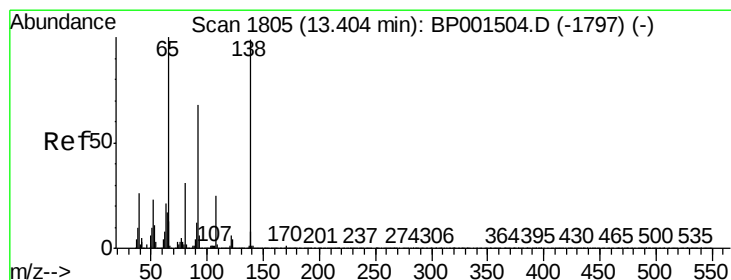
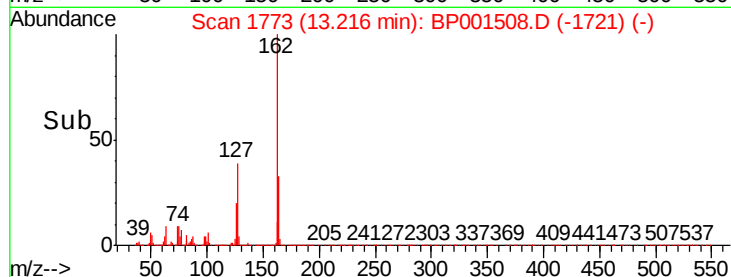
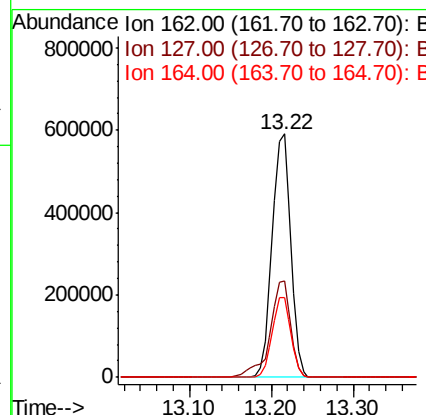
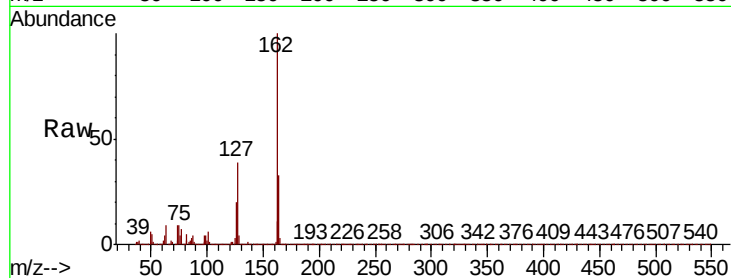




#47
2-Chloronaphthalene
Concen: 83.440 ng
RT: 13.22 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

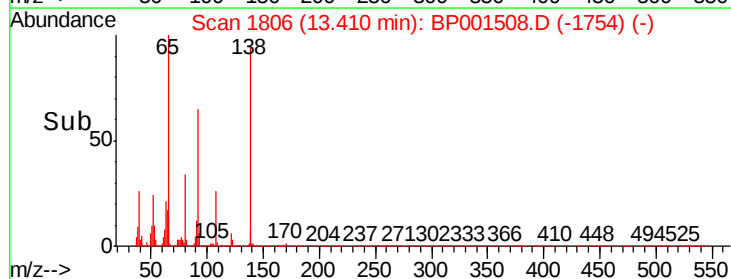
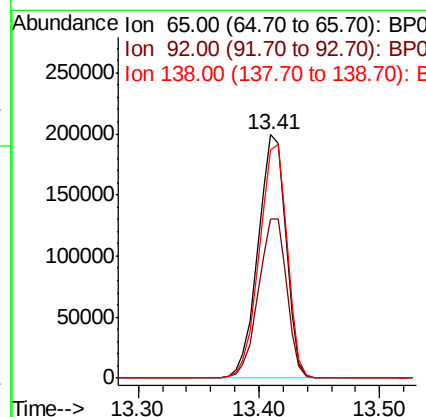
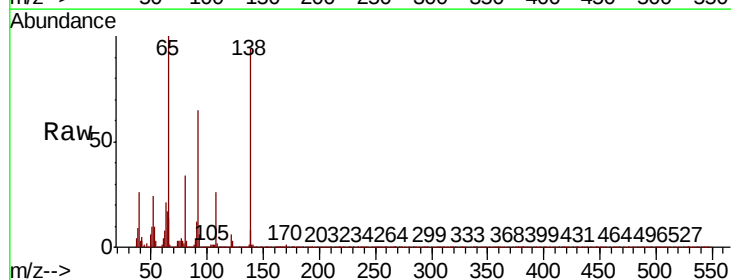
Instrument :
BNA_P
ClientSampleId :

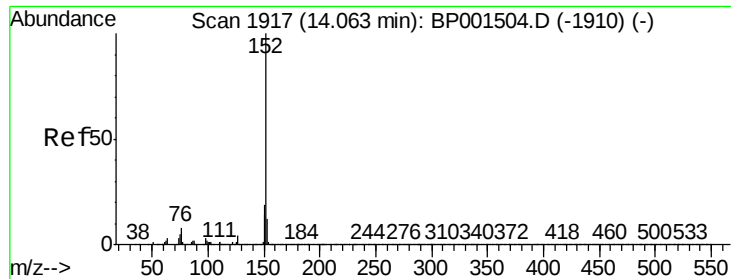
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.2	45.2
164	33.0	26.8	40.2



#48
2-Nitroaniline
Concen: 71.446 ng
RT: 13.41 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.2	81.4
138	93.7	79.0	118.4





#49

Acenaphthylene

Concen: 86.597 ng

RT: 14.06 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

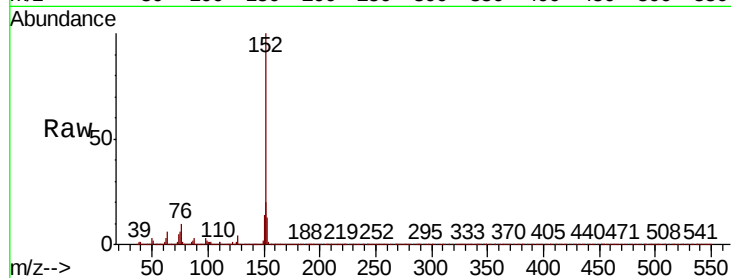
Tot Ion:152 Resp: 1426875

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.2	22.8
153	13.3	9.9	14.9

152 100

151 20.3 15.2 22.8

153 13.3 9.9 14.9

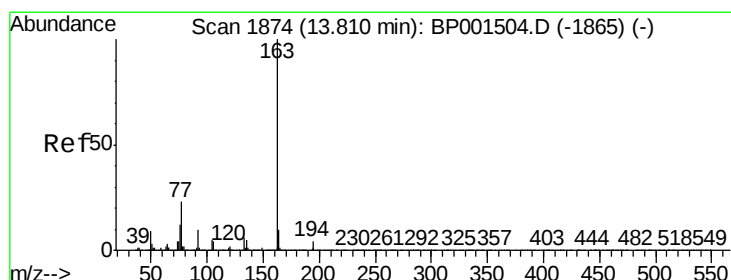
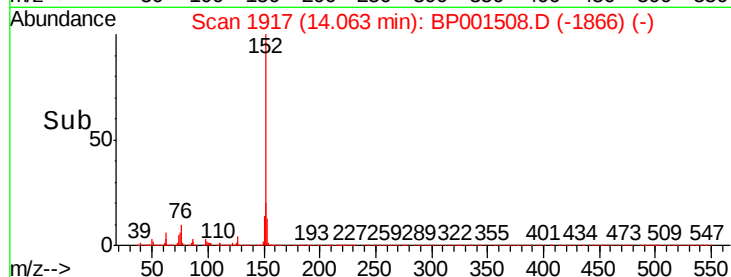
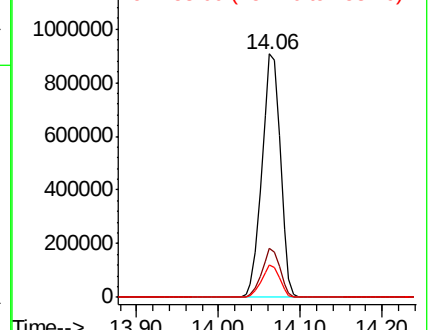


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 86.313 ng

RT: 13.82 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

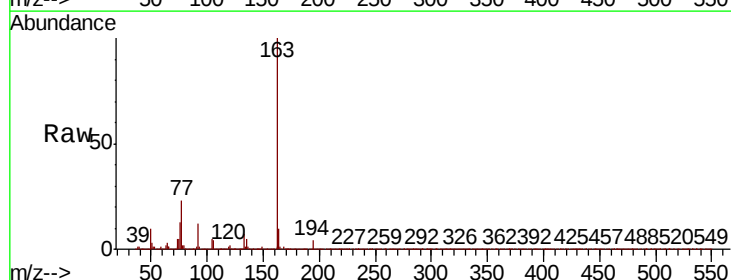
Tgt Ion:163 Resp: 1179803

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.1	12.1

163 100

194 4.3 3.4 5.0

164 10.0 8.1 12.1

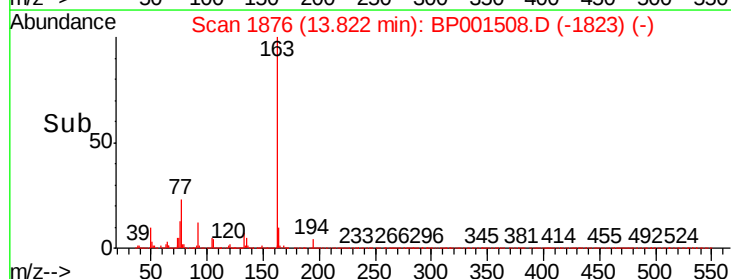
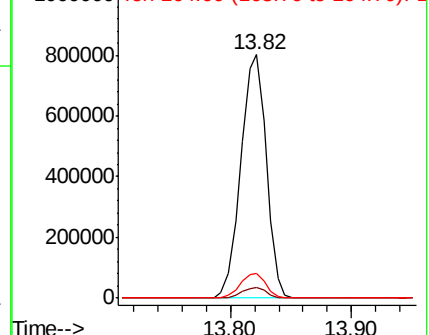


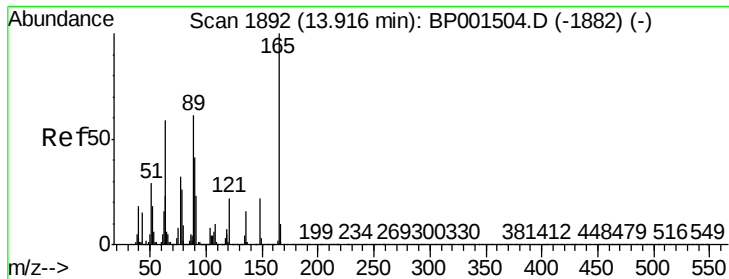
Abundance

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

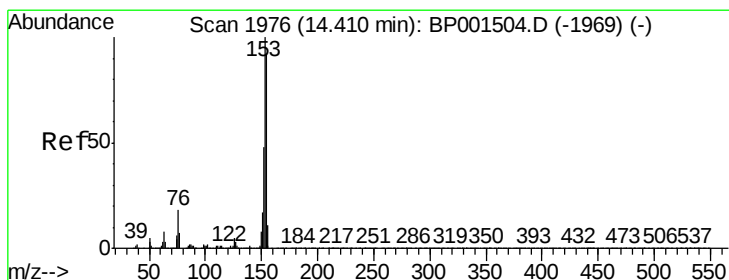
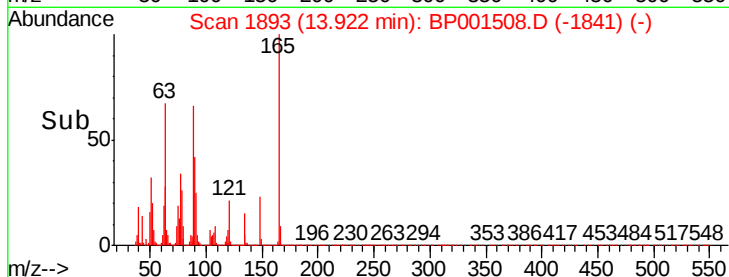
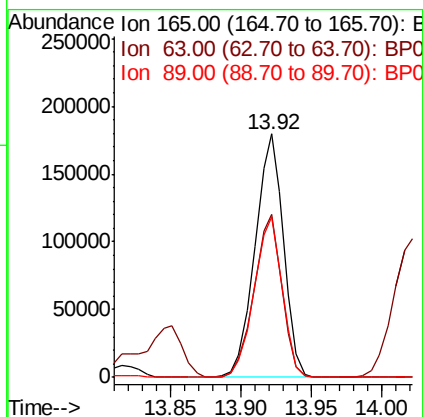
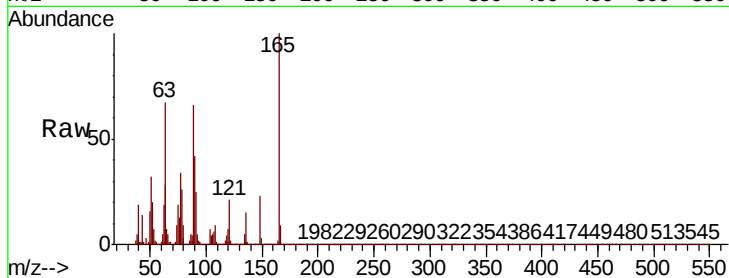




#51
2,6-Dinitrotoluene
Concen: 91.616 ng
RT: 13.92 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

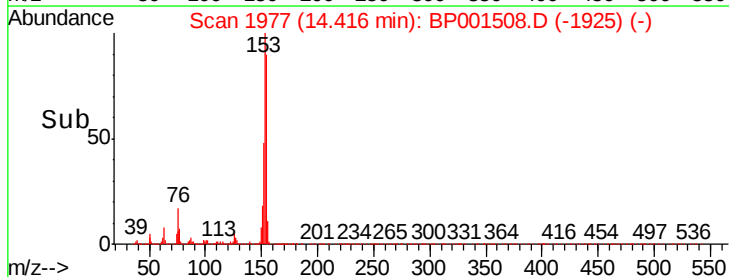
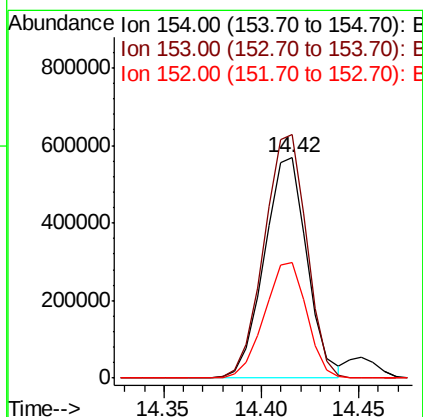
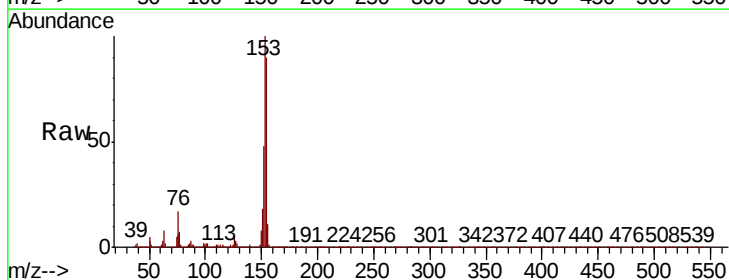
Instrument :
BNA_P
ClientSampleId :

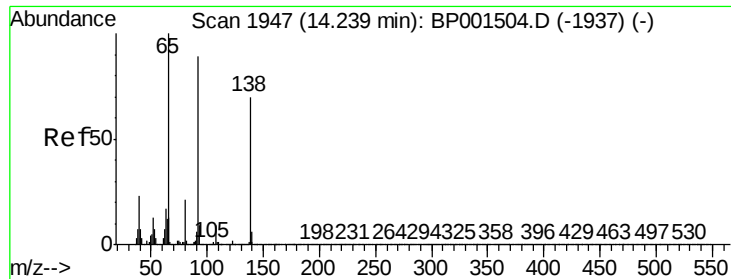
Tot Ion:165 Resp: 254279
Ion Ratio Lower Upper
165 100
63 67.0 50.0 75.0
89 65.7 49.2 73.8



#52
Acenaphthene
Concen: 86.954 ng
RT: 14.42 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:154 Resp: 863249
Ion Ratio Lower Upper
154 100
153 110.5 87.3 130.9
152 52.7 41.5 62.3

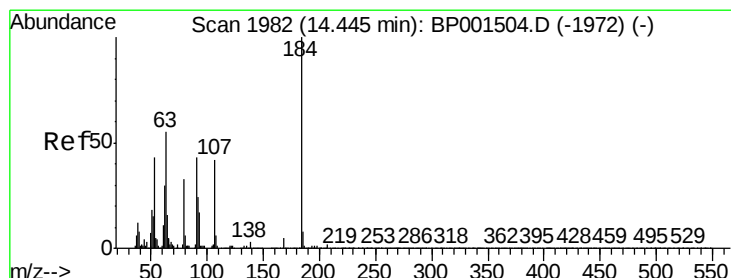
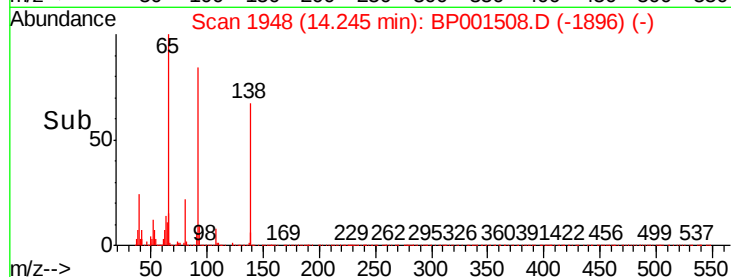
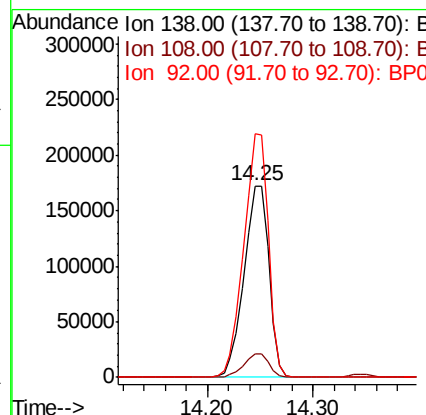
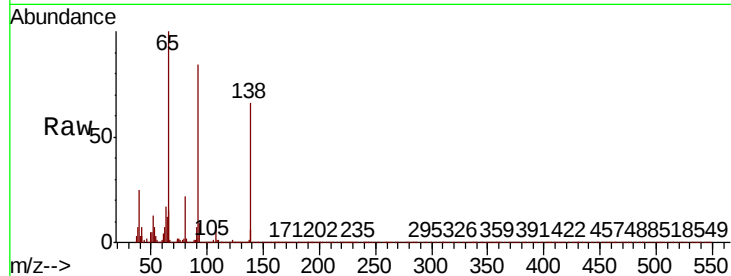




#53
3-Nitroaniline
Concen: 94.472 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

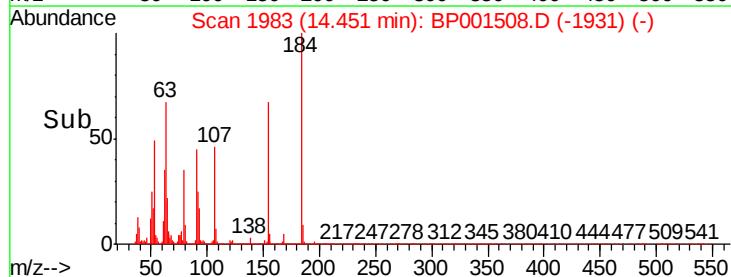
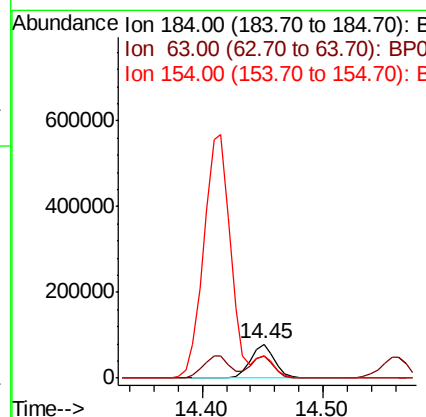
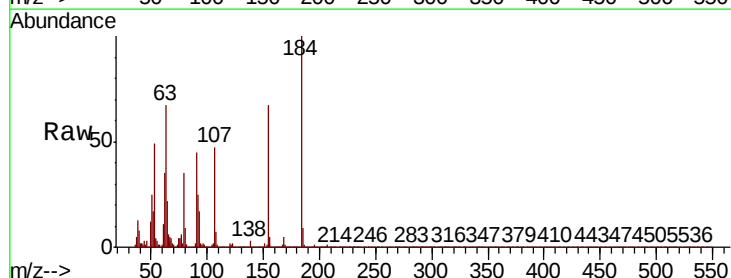
Instrument :
BNA_P
ClientSampleId :

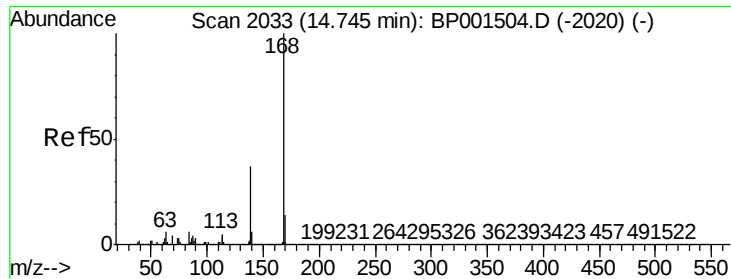
Tot Ion:138 Resp: 281433
Ion Ratio Lower Upper
138 100
108 12.2 10.8 16.2
92 127.1 102.3 153.5



#54
2,4-Dinitrophenol
Concen: 102.186 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:184 Resp: 109516
Ion Ratio Lower Upper
184 100
63 66.8 50.0 75.0
154 67.3 49.2 73.8

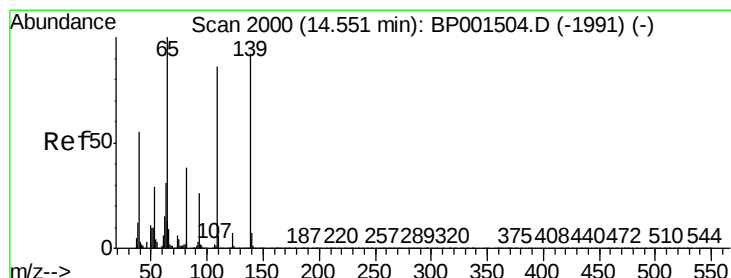
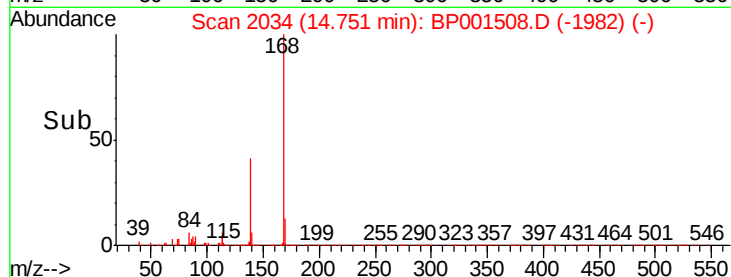
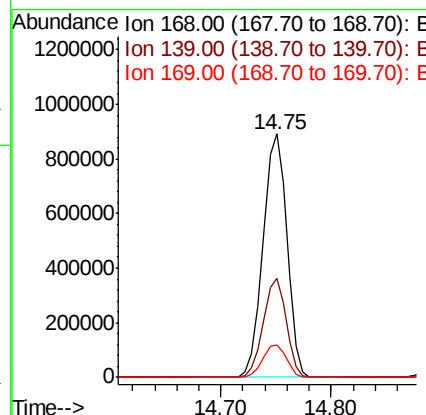
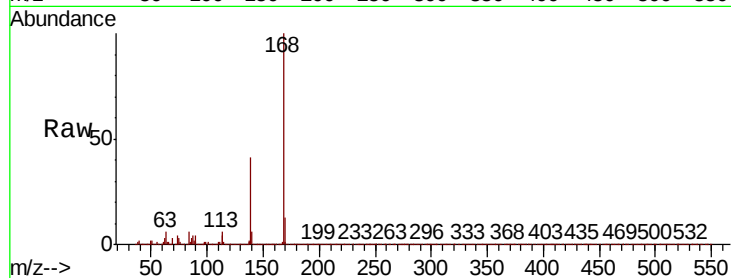




#55
Dibenzofuran
Concen: 87.203 ng
RT: 14.75 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

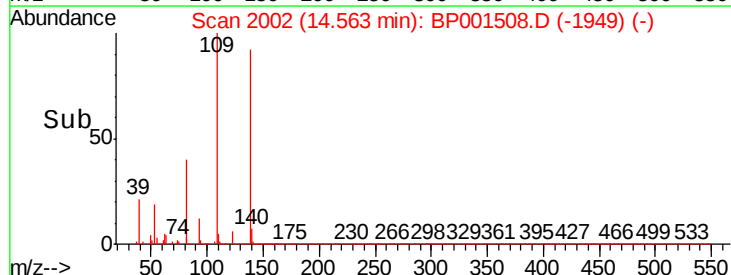
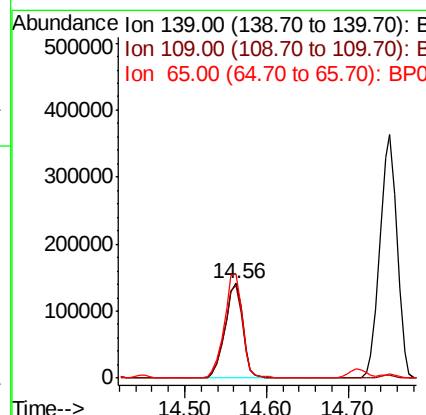
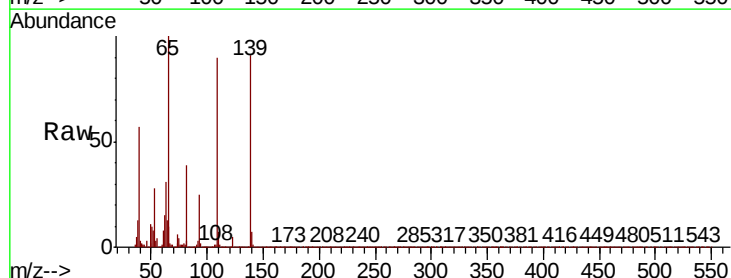
Instrument :
BNA_P
ClientSampled :

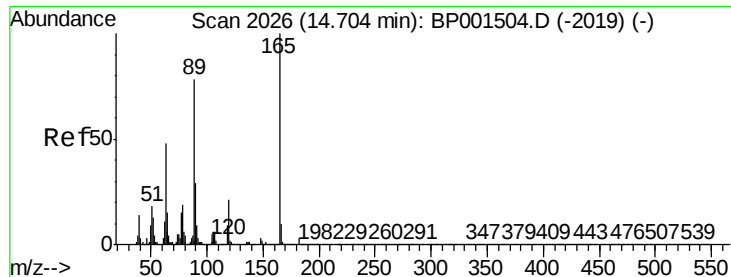
Tot Ion:168 Resp: 1356406
Ion Ratio Lower Upper
168 100
139 40.7 29.8 44.6
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 102.677 ng
RT: 14.56 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:139 Resp: 218719
Ion Ratio Lower Upper
139 100
109 98.4 72.8 112.8
65 109.8 88.5 128.5

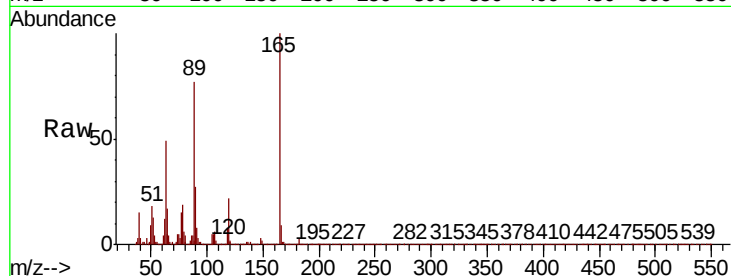




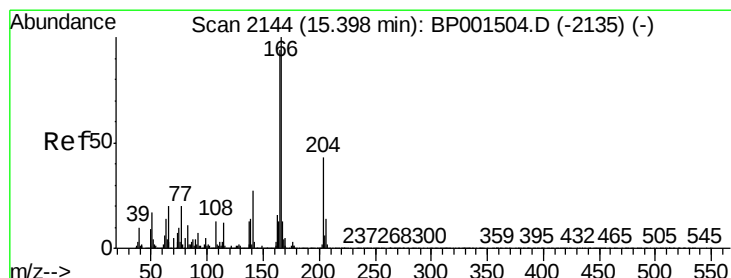
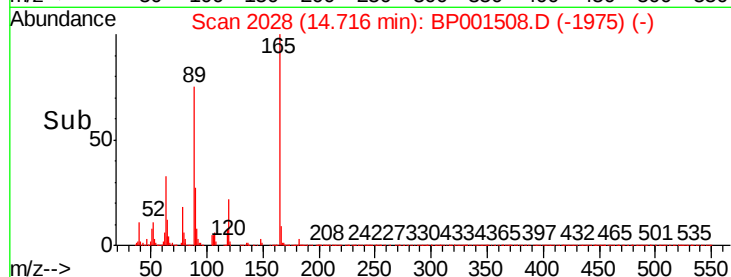
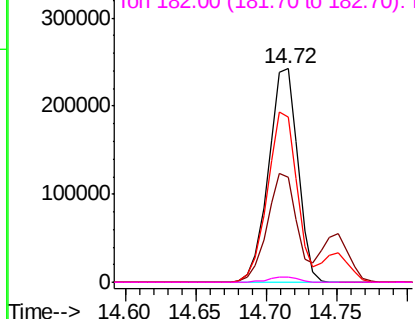
#57
2,4-Dinitrotoluene
Concen: 91.680 ng
RT: 14.72 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 353670
Ion Ratio Lower Upper
165 100
63 49.0 38.9 58.3
89 77.4 62.2 93.2
182 2.6 2.2 3.2

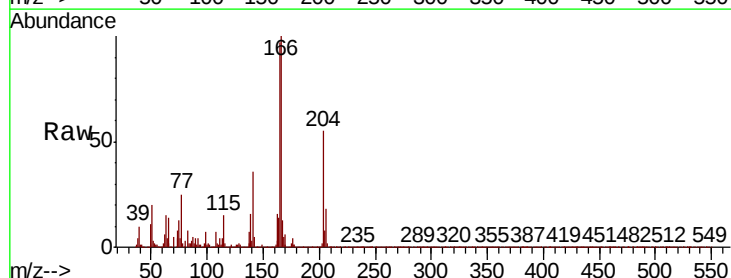


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

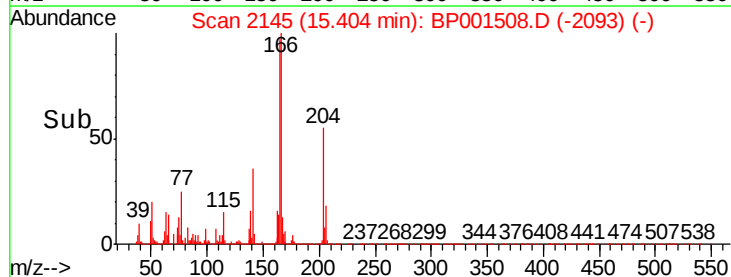
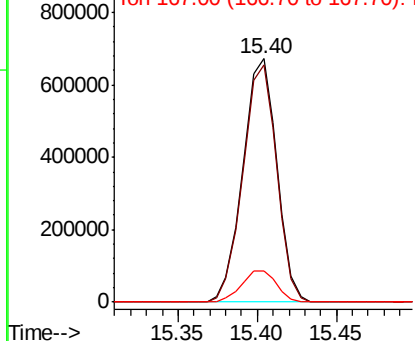


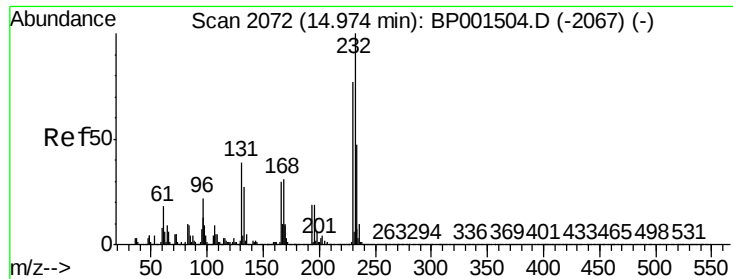
#58
Fluorene
Concen: 80.484 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:166 Resp: 1001307
Ion Ratio Lower Upper
166 100
165 97.4 75.3 112.9
167 13.0 10.7 16.1



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

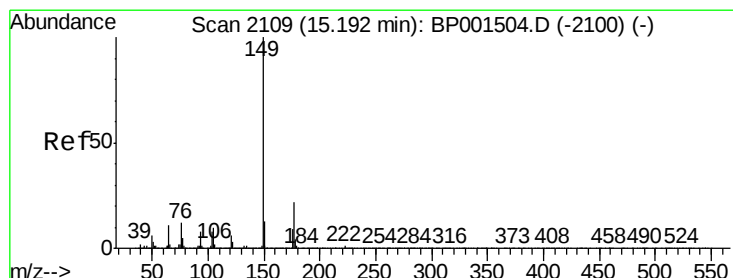
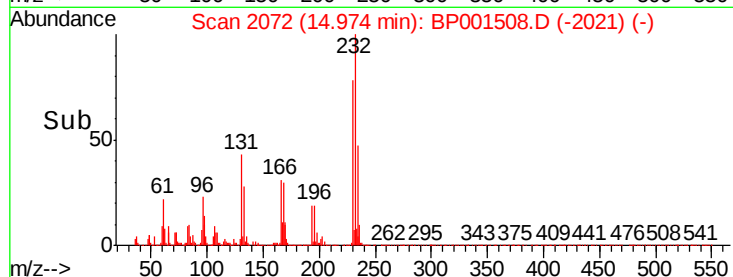
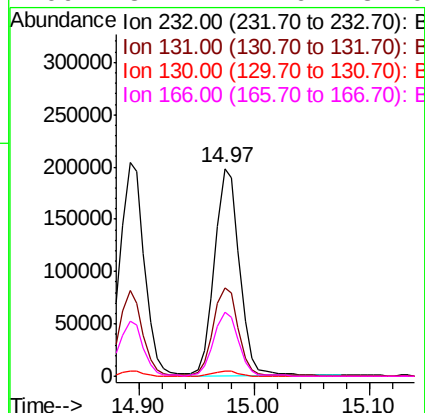
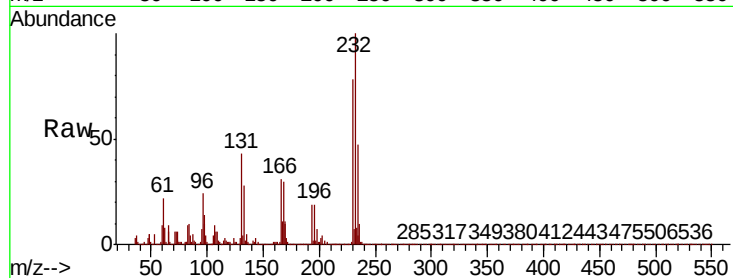




#59
2,3,4,6-Tetrachlorophenol
Concen: 89.149 ng
RT: 14.97 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

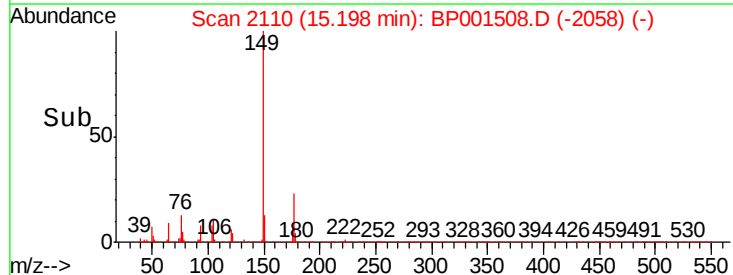
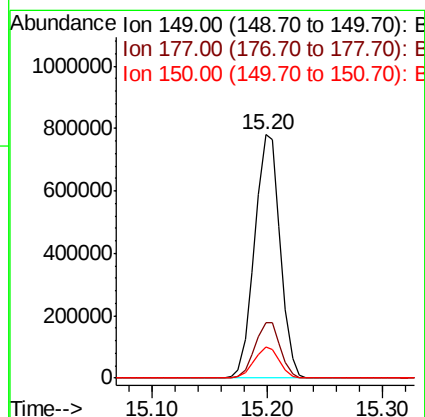
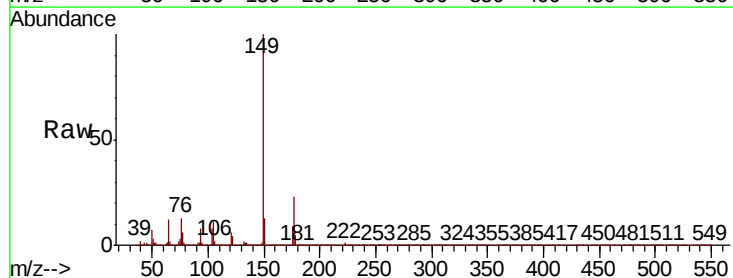
Instrument :
BNA_P
ClientSampleId :

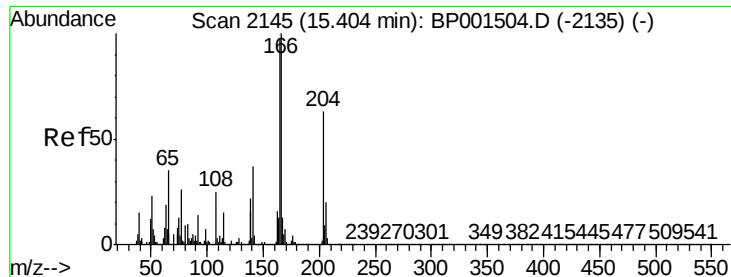
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.5	50.3
130	2.5	1.9	2.9
166	31.1	24.6	37.0



#60
Diethylphthalate
Concen: 85.369 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.6	10.1	15.1

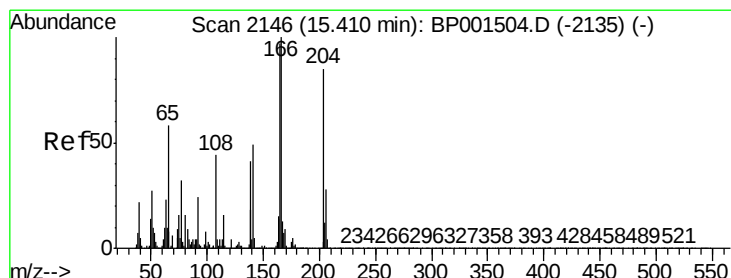
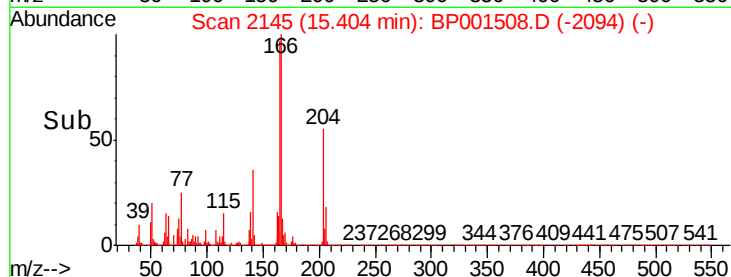
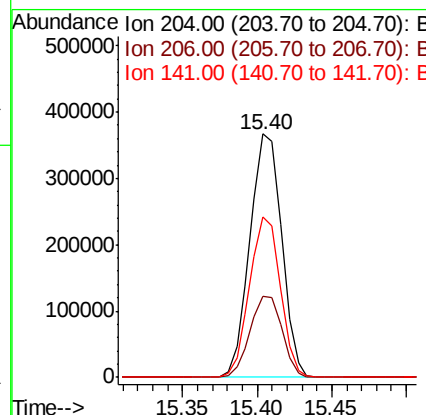
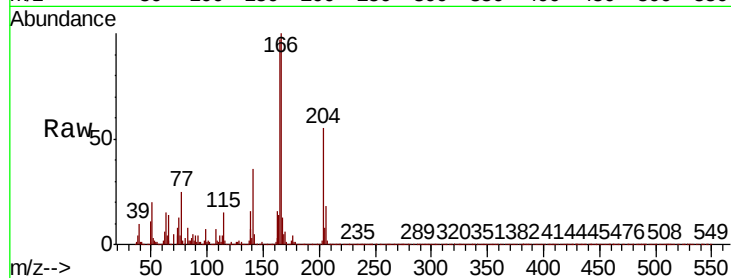




#61
4-Chlorophenyl-phenylether
Concen: 82.534 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

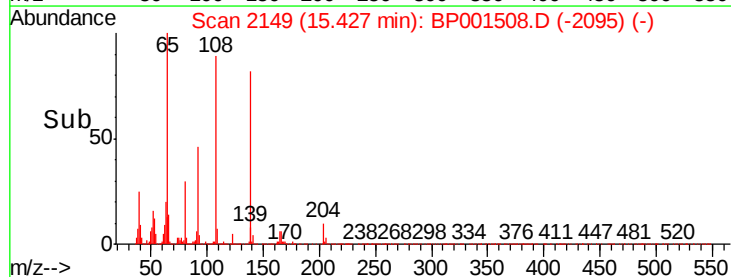
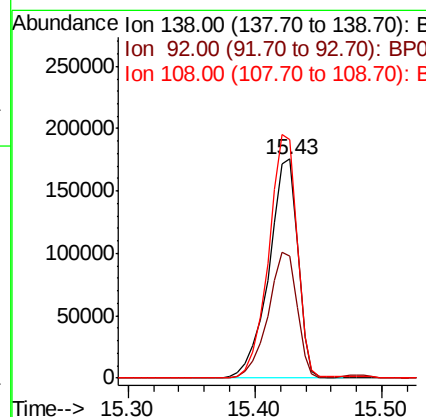
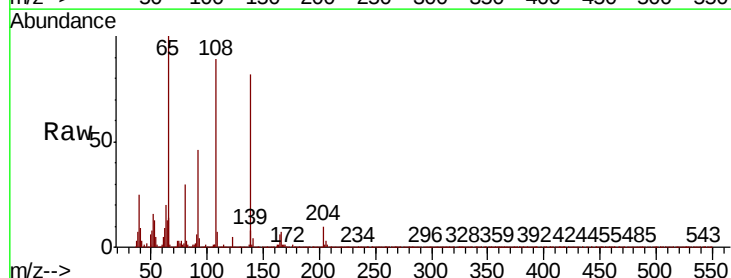
Instrument :
BNA_P
ClientSampled :

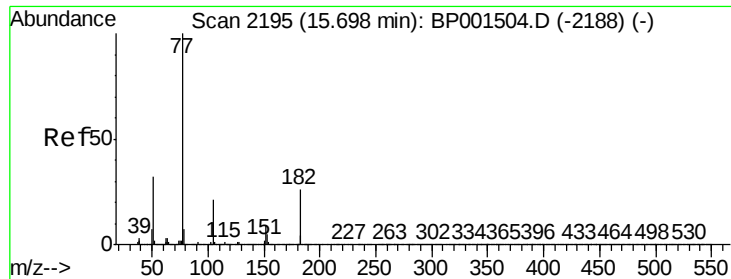
Tot Ion:204 Resp: 539770
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 65.8 47.7 71.5



#62
4-Nitroaniline
Concen: 80.722 ng
RT: 15.43 min Scan# 2149
Delta R.T. 0.02 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:138 Resp: 278473
Ion Ratio Lower Upper
138 100
92 55.8 37.5 77.5
108 109.1 86.4 126.4





#63

Azobenzene

Concen: 78.030 ng

RT: 15.70 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1158151

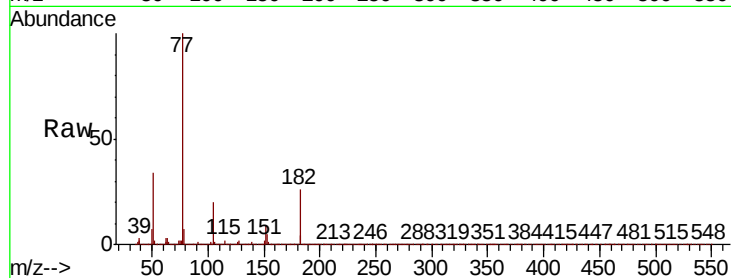
Ion Ratio Lower Upper

77 100

182 25.9 6.1 46.1

105 20.0 0.6 40.6

51 33.9 11.9 51.9

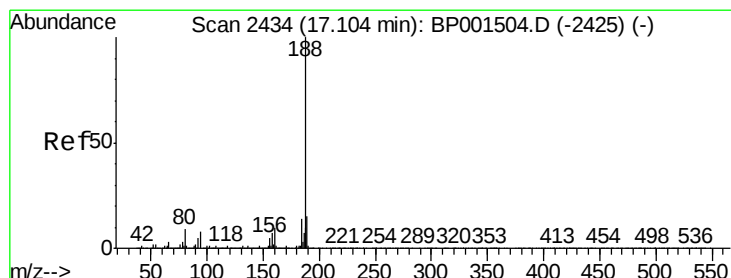
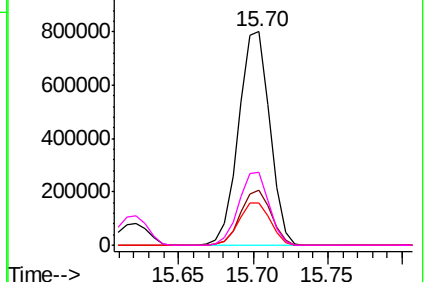
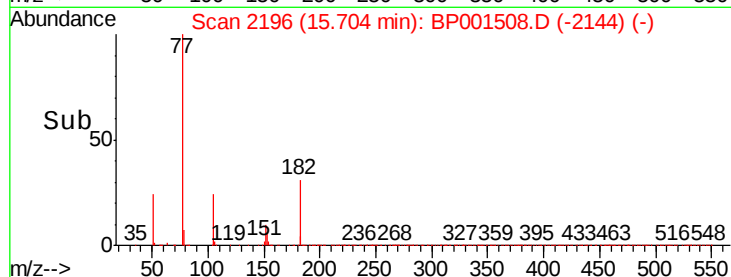


Abundance Ion 77.00 (76.70 to 77.70): BP0

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# 2434

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

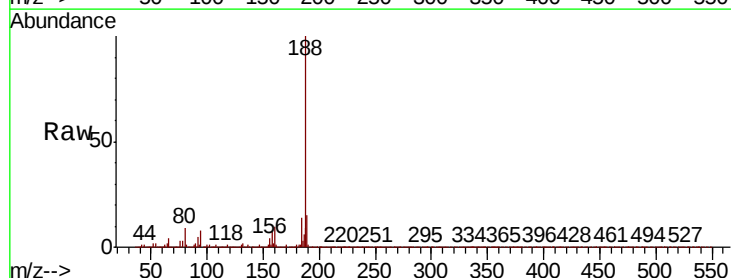
Tgt Ion: 188 Resp: 357323

Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

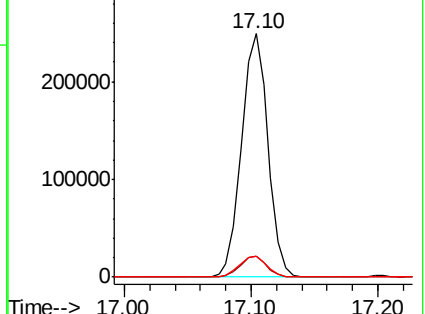
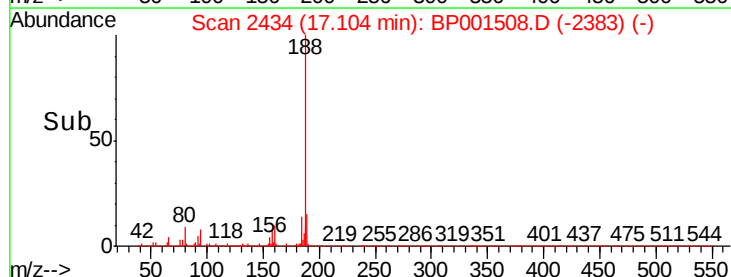
80 8.6 7.3 10.9

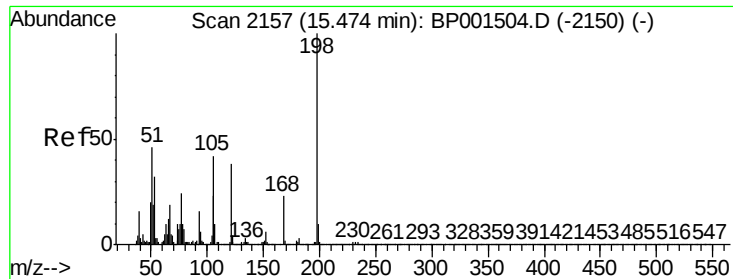


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

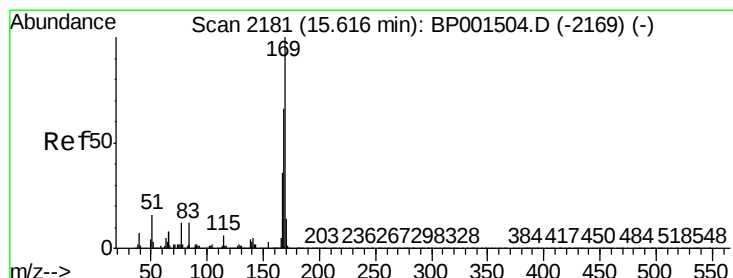
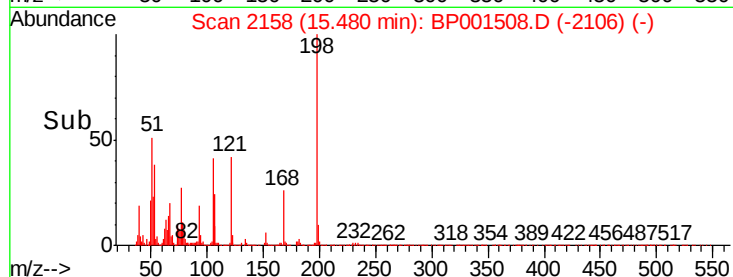
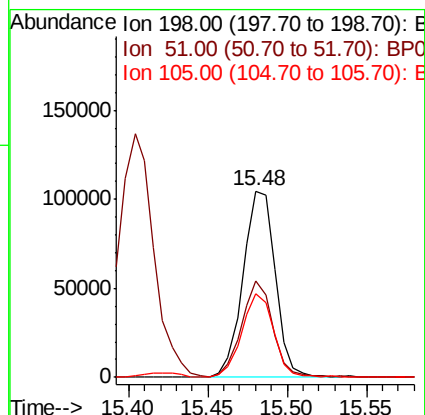
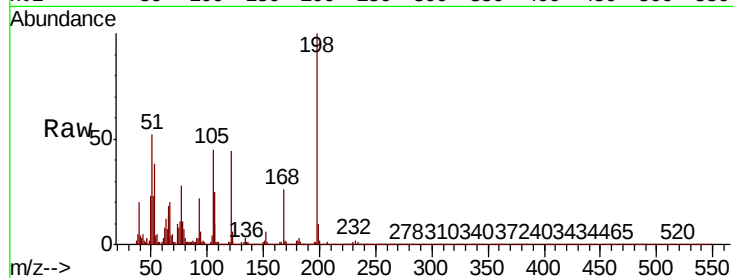




#65
4,6-Dinitro-2-methylphenol
Concen: 92.655 ng
RT: 15.48 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

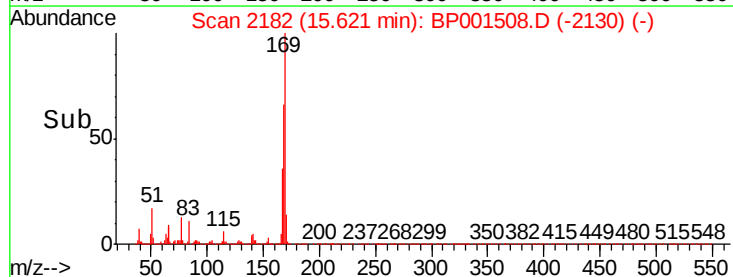
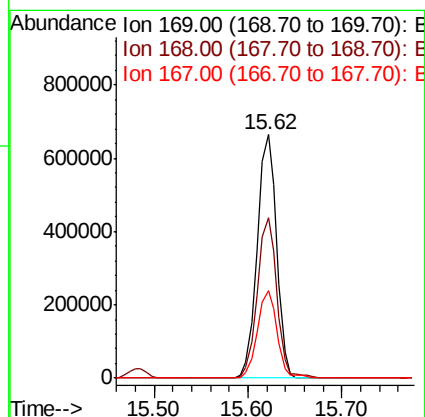
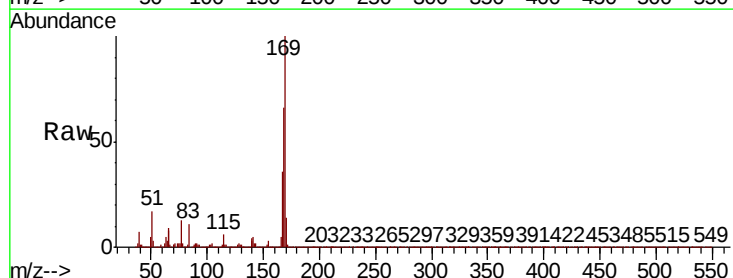
Instrument :
BNA_P
ClientSampleId :

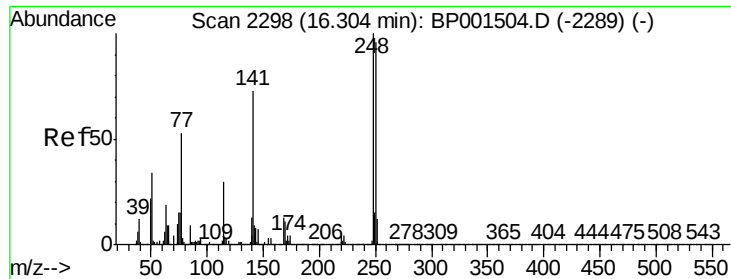
Tot Ion	Ratio	Lower	Upper
198	100		
51	52.0	26.9	66.9
105	44.9	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 83.452 ng
RT: 15.62 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.7	79.1
167	35.9	28.5	42.7

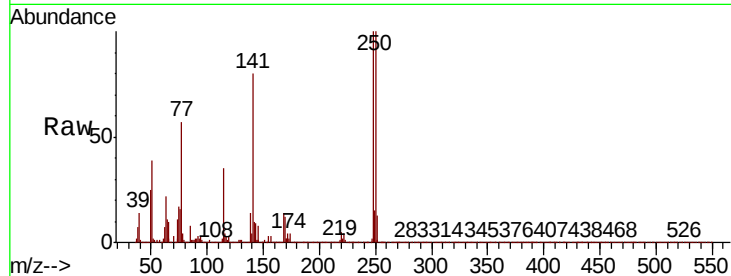




#67
4-Bromophenyl-phenylether
Concen: 87.228 ng
RT: 16.30 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.7	115.1
141	80.0	58.5	87.7

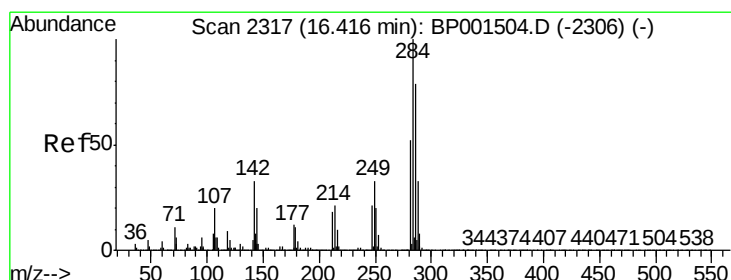
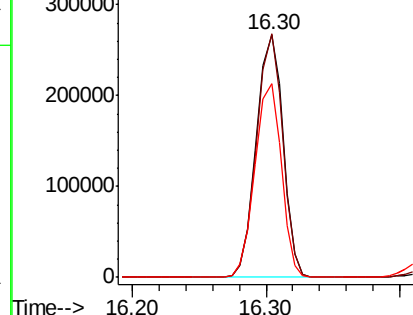
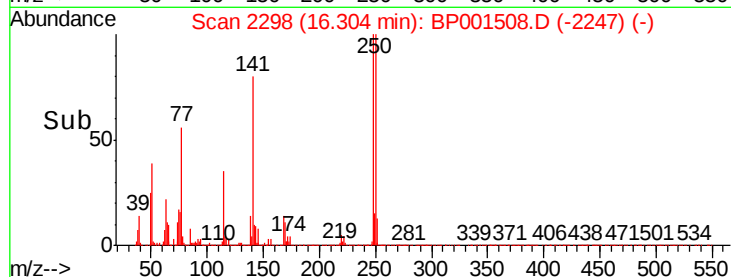


Abundance

Ion 248.00 (247.70 to 248.70): E

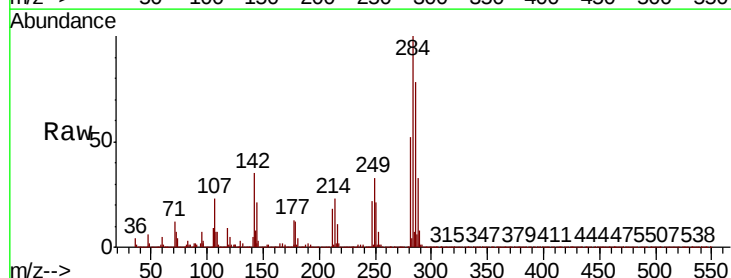
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 86.929 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	26.2	39.2
249	33.3	26.0	39.0

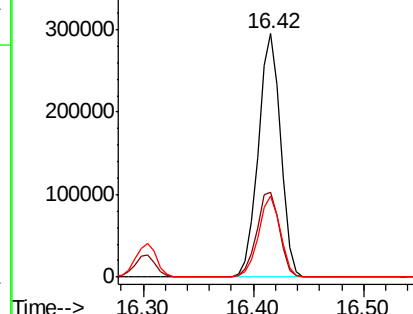
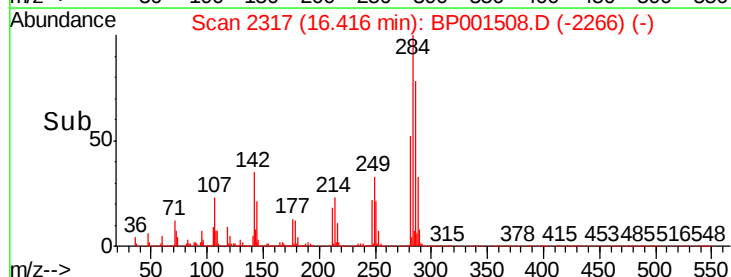


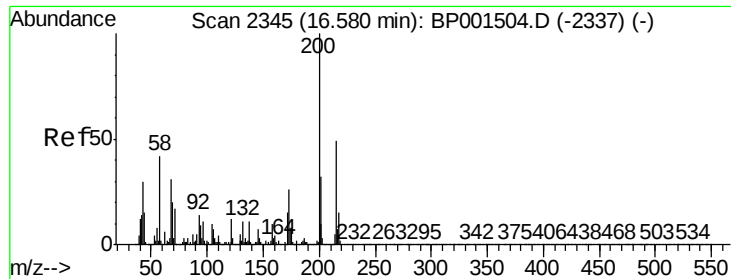
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 62.947 ng

RT: 16.59 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

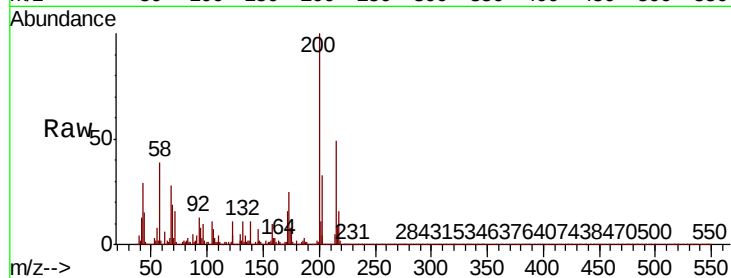
Tot Ion:200 Resp: 256133

Ion Ratio Lower Upper

200 100

173 24.7 5.8 45.8

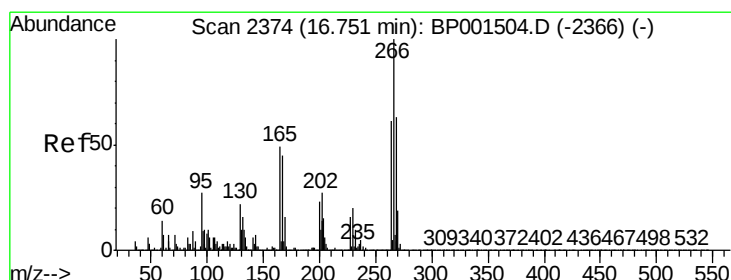
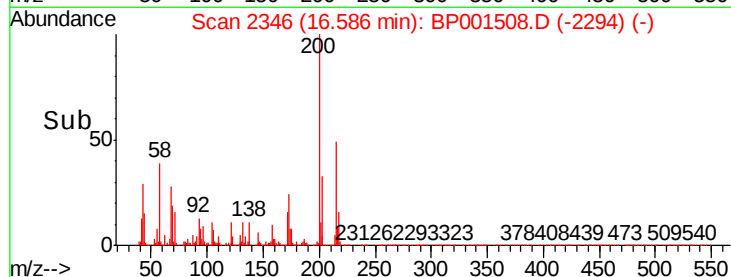
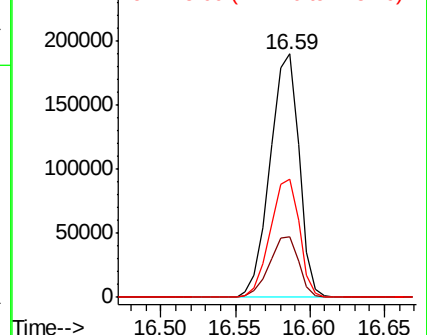
215 48.8 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.329 ng

RT: 16.76 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

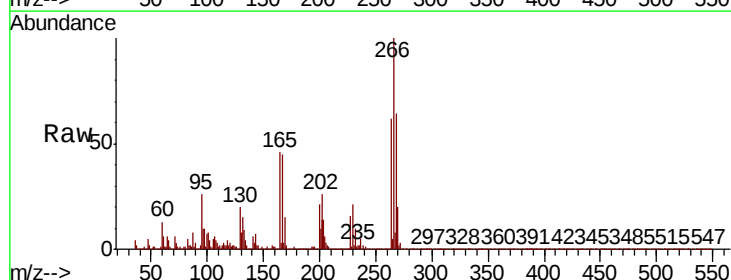
Tgt Ion:266 Resp: 227720

Ion Ratio Lower Upper

266 100

268 64.3 50.3 75.5

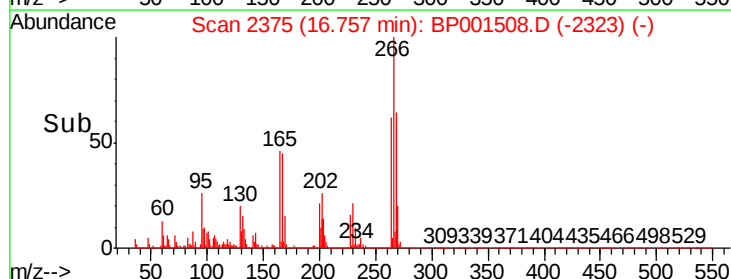
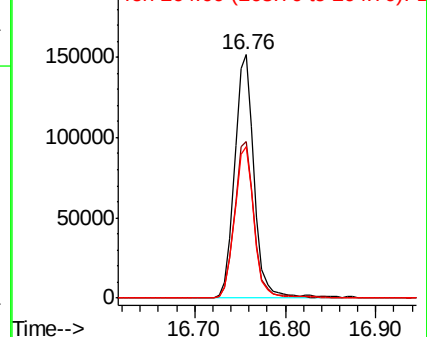
264 62.1 49.2 73.8

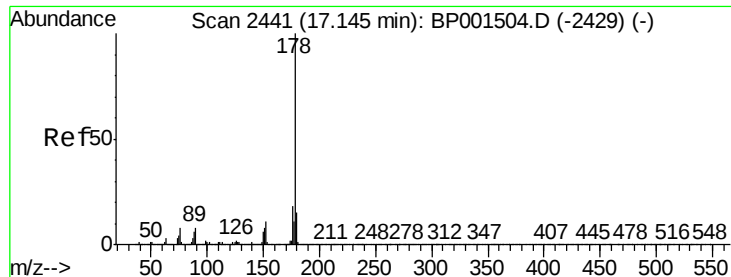


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 86.334 ng

RT: 17.15 min Scan# 2442

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

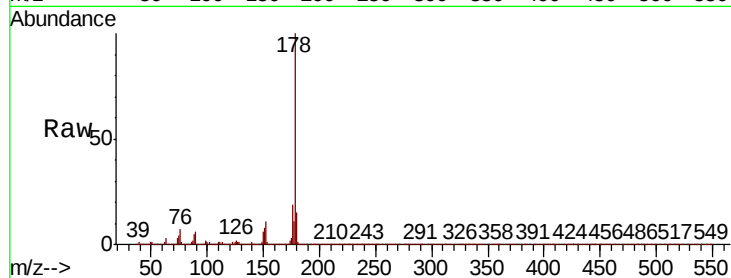
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1760037

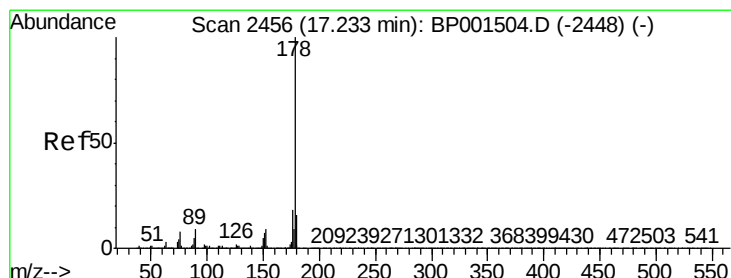
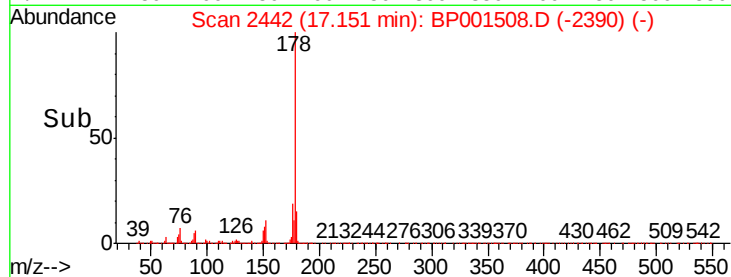
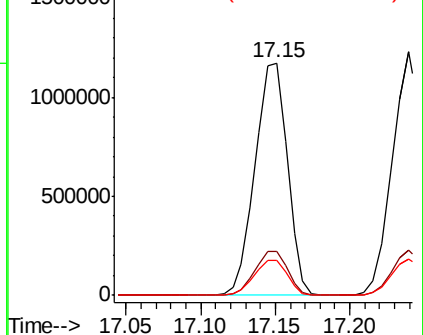
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.9	12.3	18.5



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



#72

Anthracene

Concen: 86.472 ng

RT: 17.24 min Scan# 2457

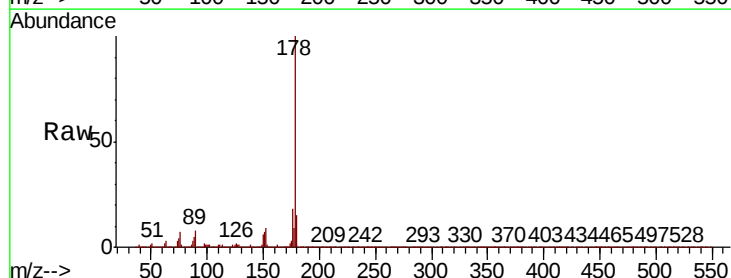
Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion:178 Resp: 1745102

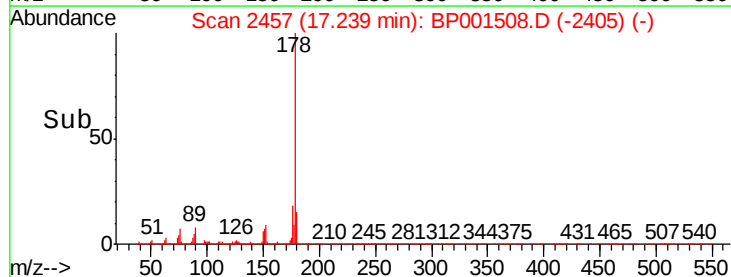
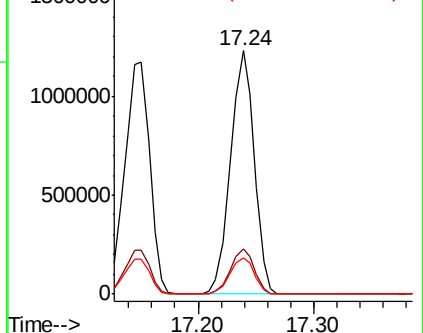
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.0	12.5	18.7

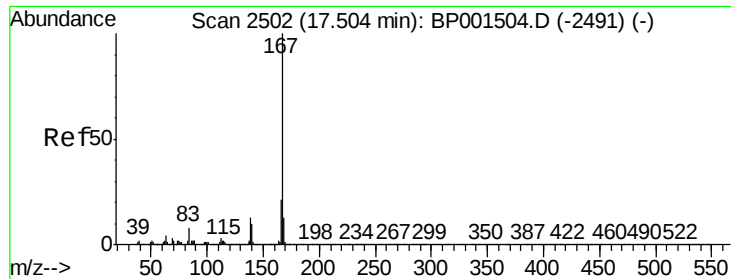


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

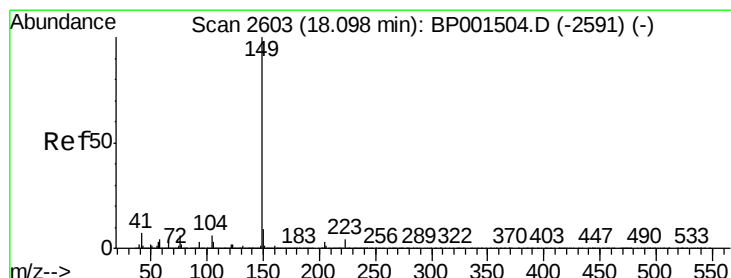
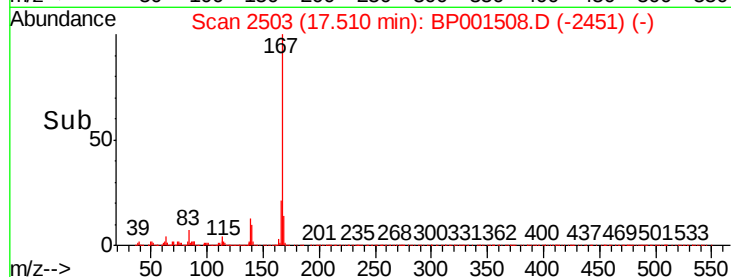
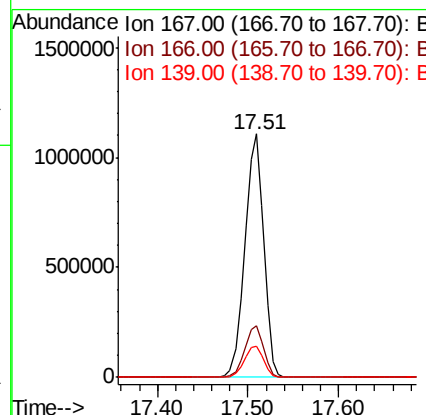
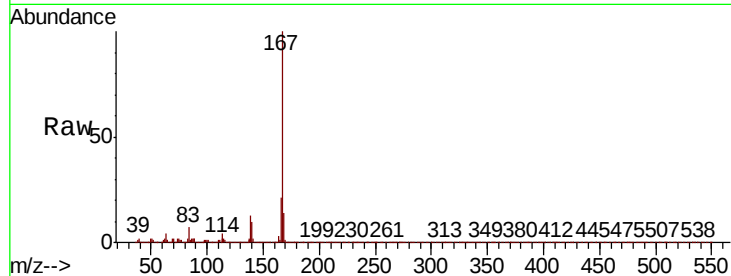




#73
 Carbazole
 Concen: 88.550 ng
 RT: 17.51 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

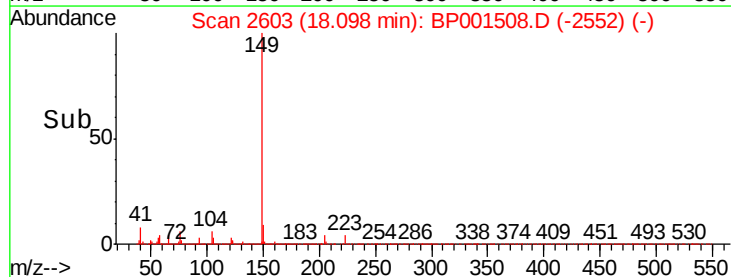
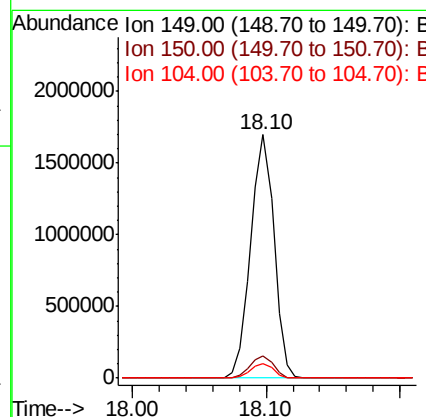
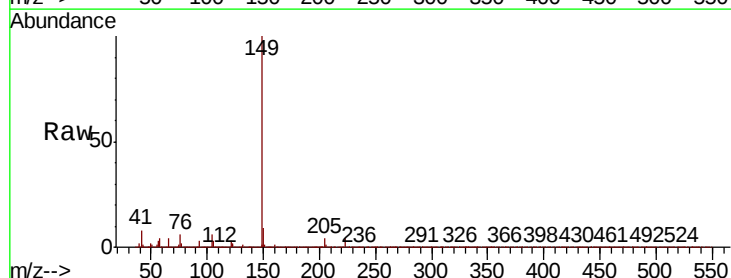
Instrument :
 BNA_P
 ClientSampled :

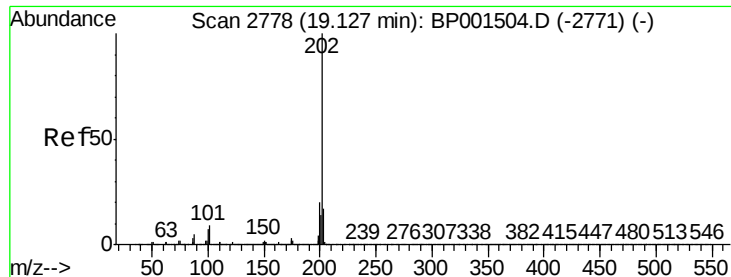
Tot Ion:167 Resp: 1593240
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 82.348 ng
 RT: 18.10 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

Tgt Ion:149 Resp: 2033279
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 92.710 ng

RT: 19.13 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

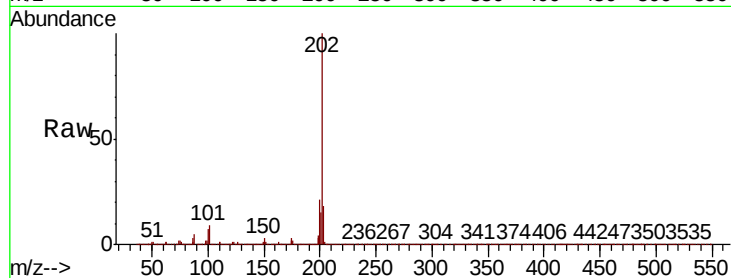
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2113375

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.3
203	17.6	0.0	36.7

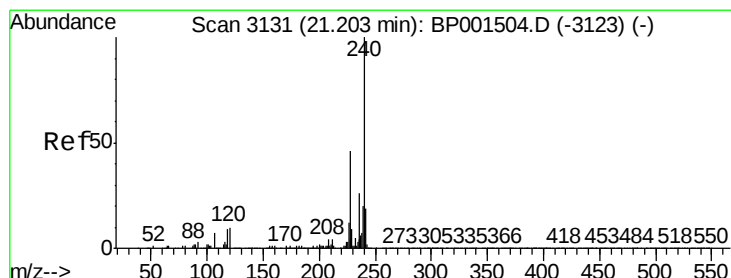
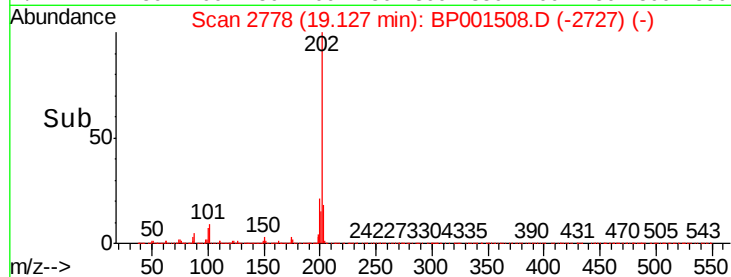
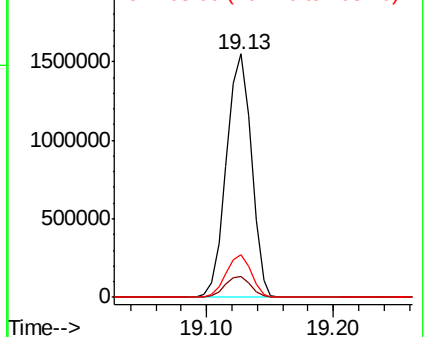


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3131

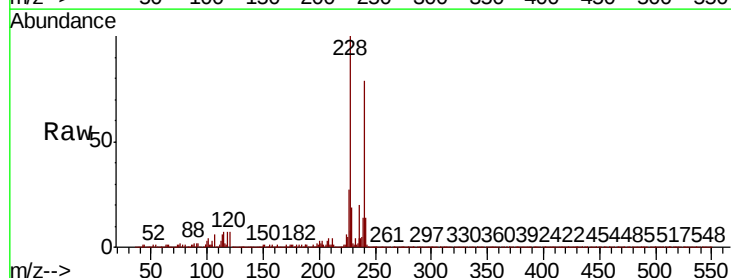
Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion:240 Resp: 318267

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	25.6	20.9	31.3

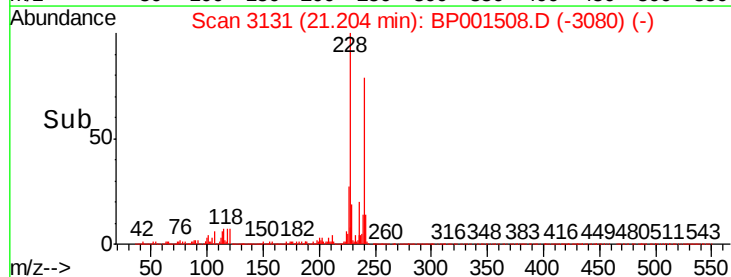
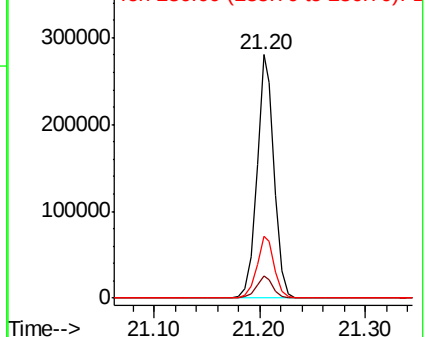


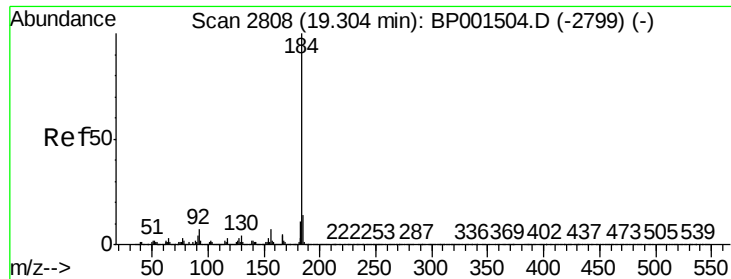
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.532 ng

RT: 19.30 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

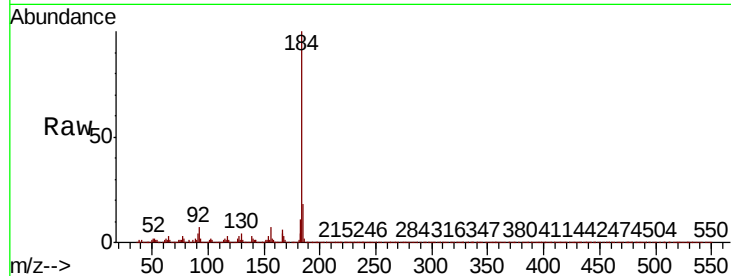
Tot Ion:184 Resp: 579448

Ion Ratio Lower Upper

184 100

185 17.6 11.5 17.3#

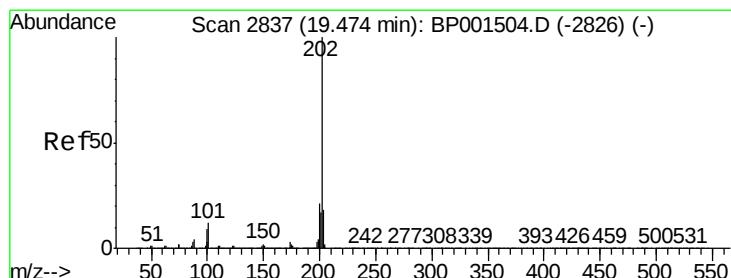
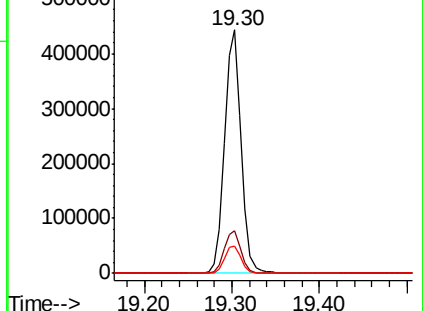
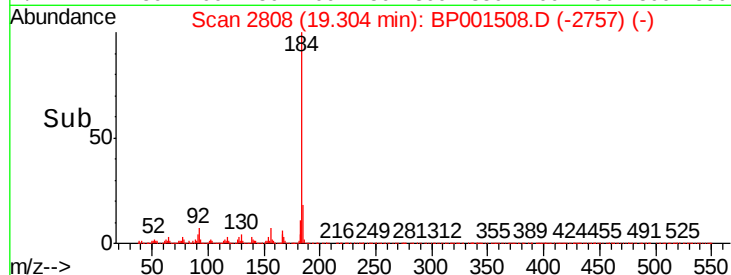
183 11.3 8.7 13.1



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: 87.719 ng

RT: 19.48 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

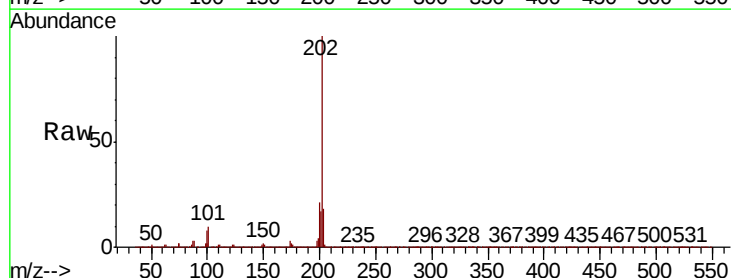
Tgt Ion:202 Resp: 2167664

Ion Ratio Lower Upper

202 100

200 21.1 16.4 24.6

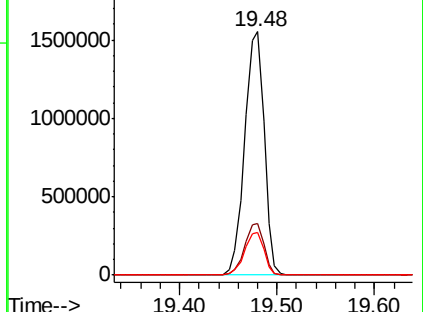
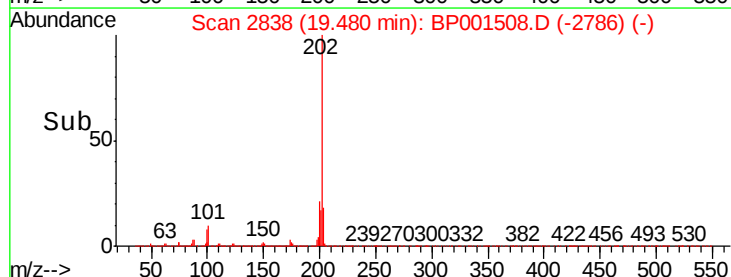
203 17.7 14.2 21.2

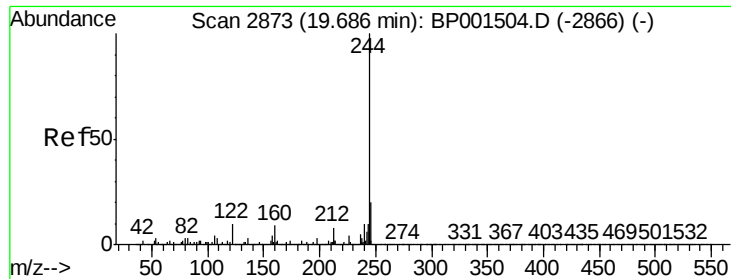


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 155.510 ng

RT: 19.69 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Instrument :

BNA_P

ClientSampleId :

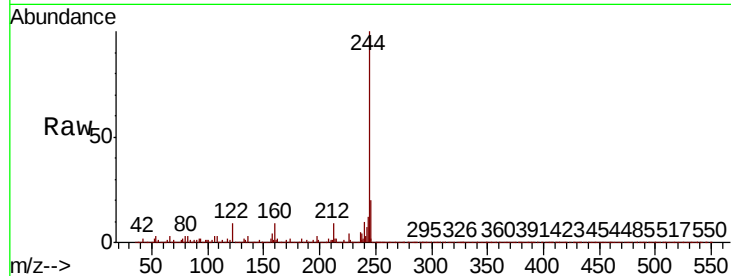
Tot Ion:244 Resp: 2889692

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

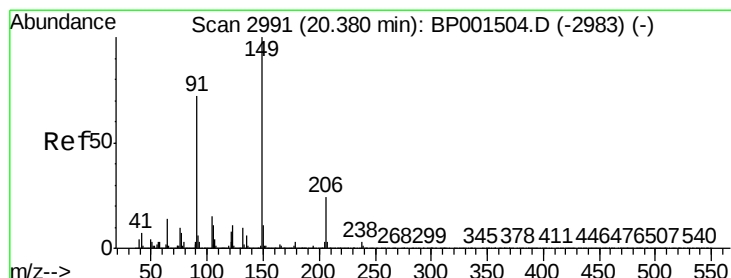
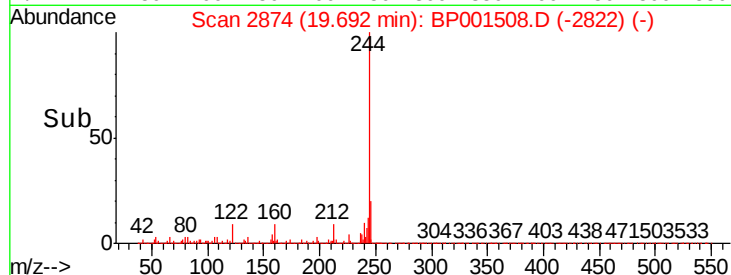
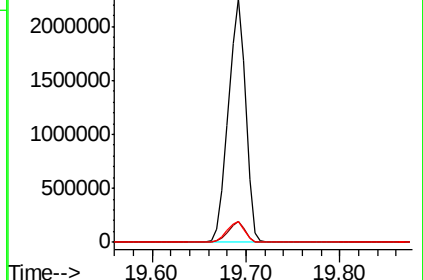
122 8.8 7.8 11.6



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: 82.538 ng

RT: 20.38 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

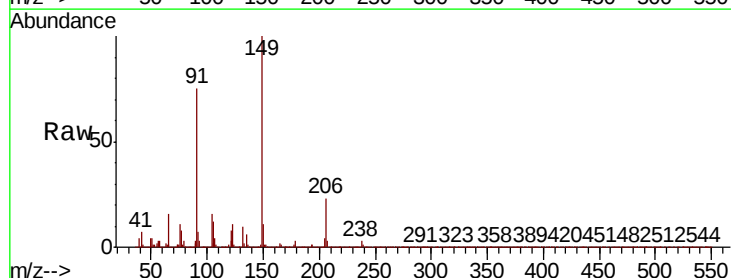
Tgt Ion:149 Resp: 950887

Ion Ratio Lower Upper

149 100

91 74.8 57.9 86.9

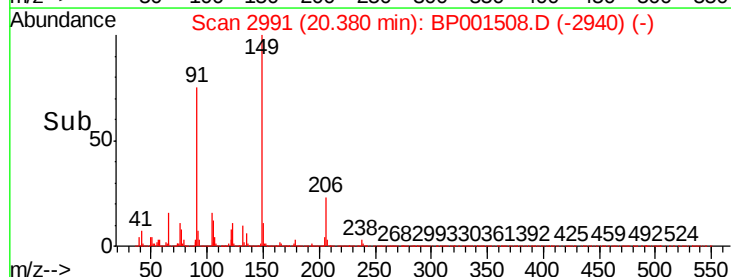
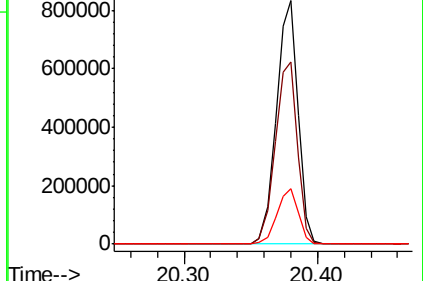
206 22.9 19.0 28.4

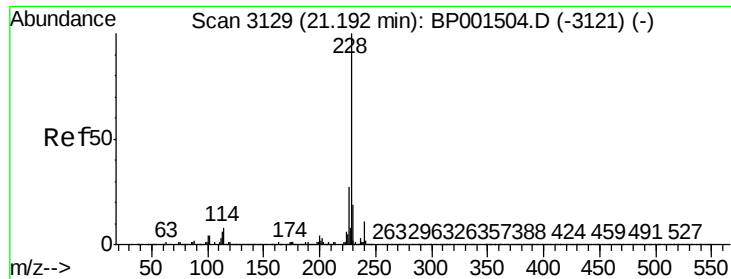


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

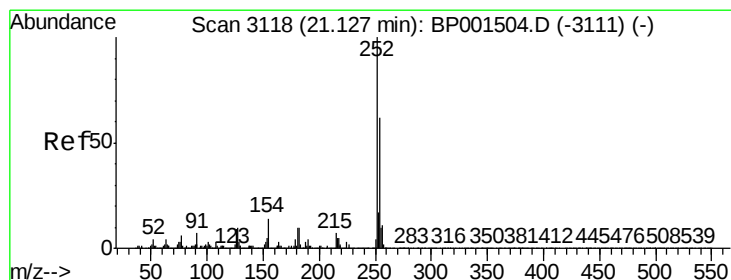
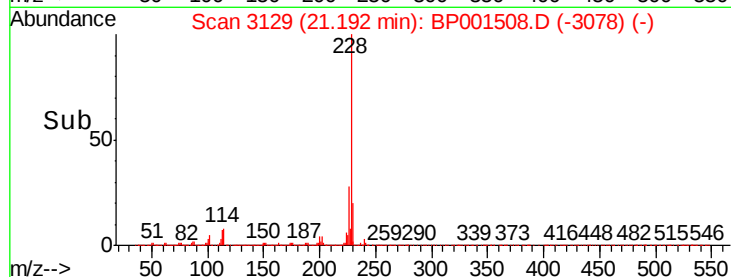
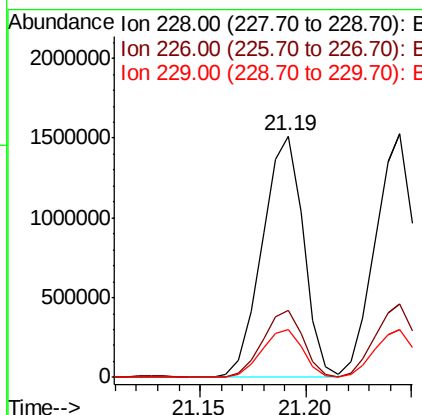
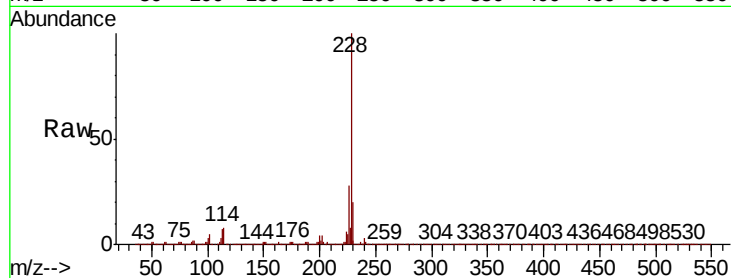




#81
Benzo(a)anthracene
Concen: 88.573 ng
RT: 21.19 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

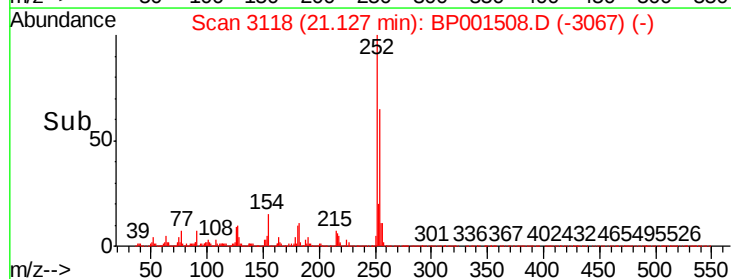
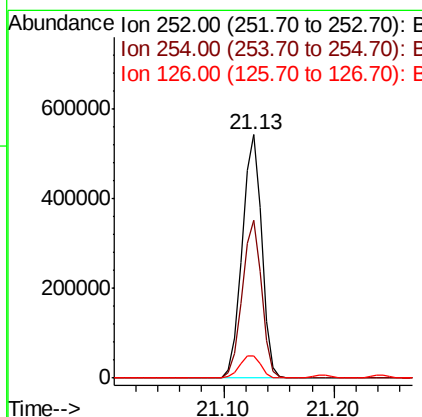
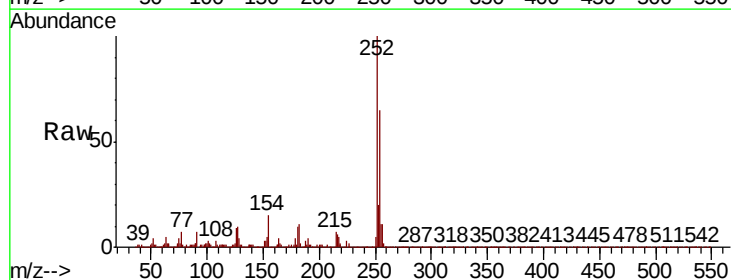
Instrument :
BNA_P
ClientSampleId :

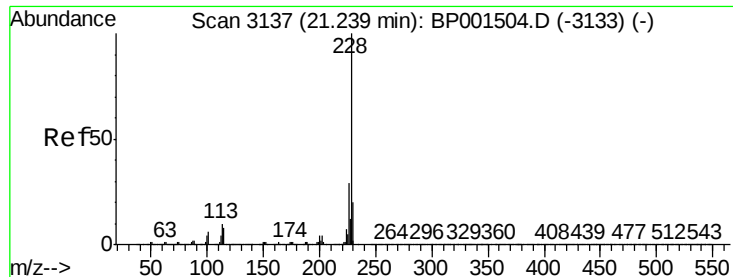
Tot Ion:228 Resp: 2054140
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 83.829 ng
RT: 21.13 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:252 Resp: 675082
Ion Ratio Lower Upper
252 100
254 64.9 49.3 73.9
126 9.3 7.4 11.0





#83

Chrysene

Concen: 87.579 ng

RT: 21.24 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

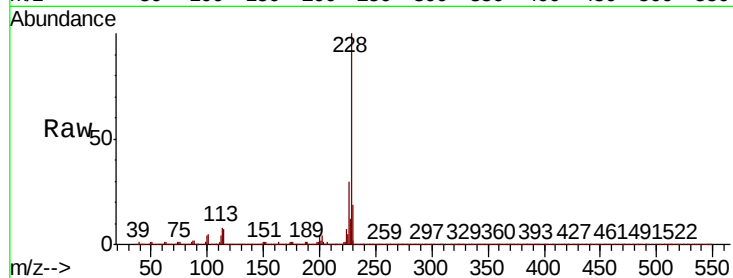
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1960464

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	19.4	15.7	23.5

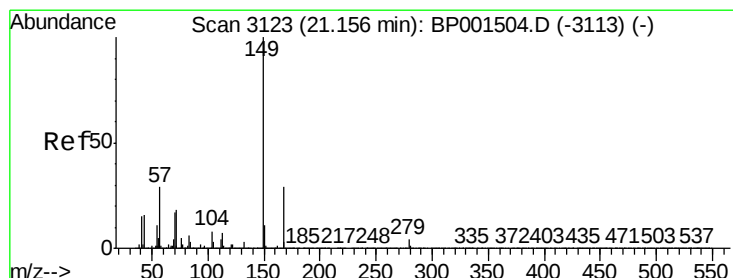
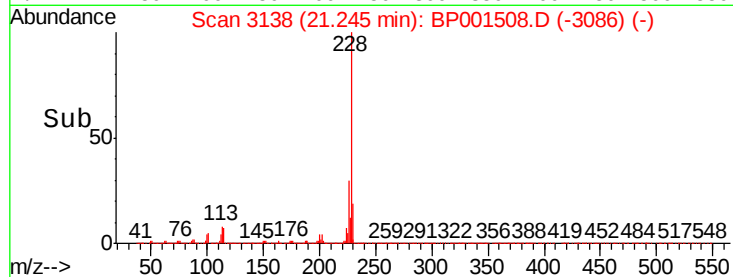
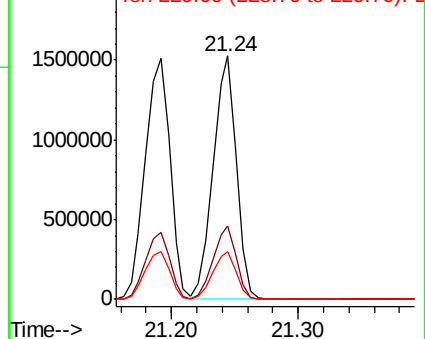


Abundance

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: 79.550 ng

RT: 21.16 min Scan# 3123

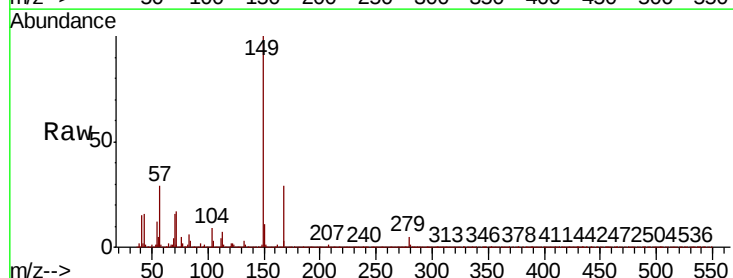
Delta R.T. 0.00 min

Lab File: BP001508.D

Acq: 03 Jan 2020 15:01

Tgt Ion:149 Resp: 1344829

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.1	34.7
279	4.8	3.4	5.2

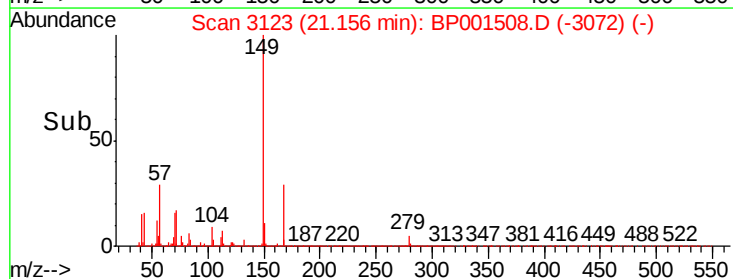
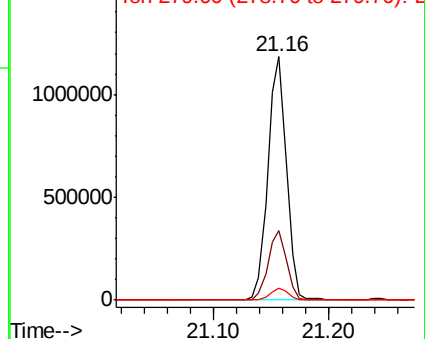


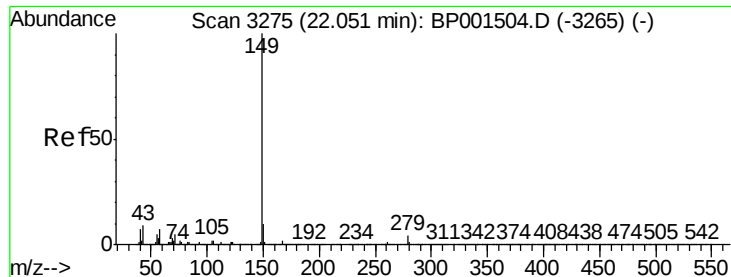
Abundance

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

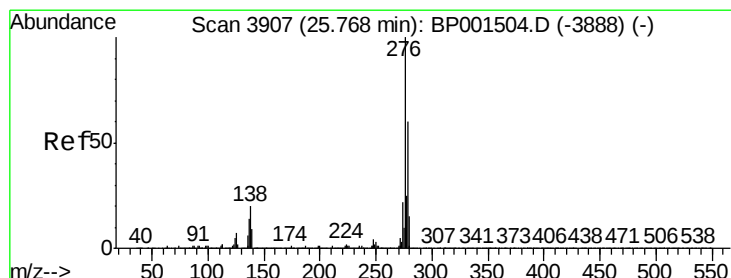
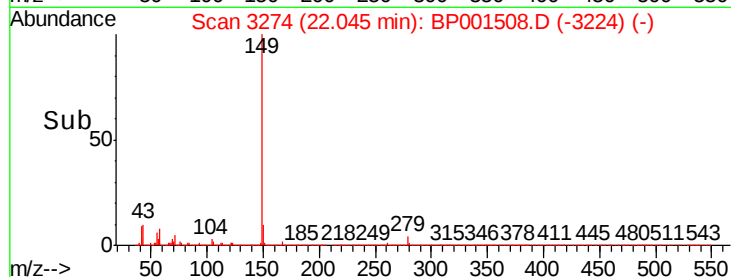
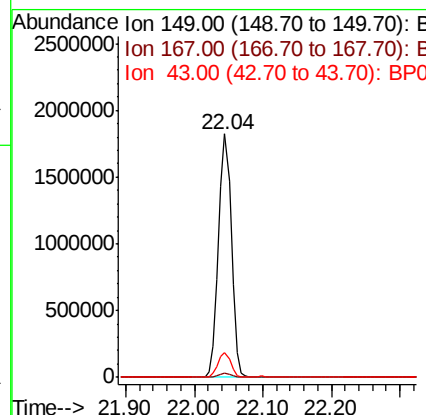
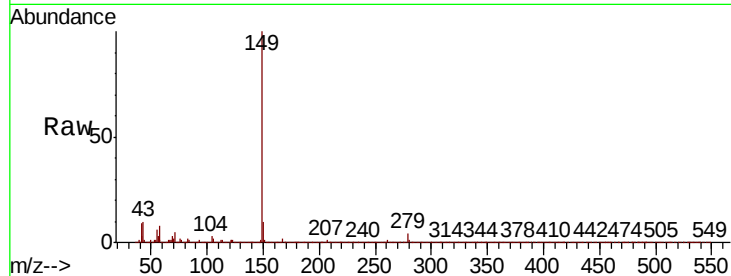




#85
Di-n-octyl phthalate
Concen: 84.316 ng
RT: 22.04 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

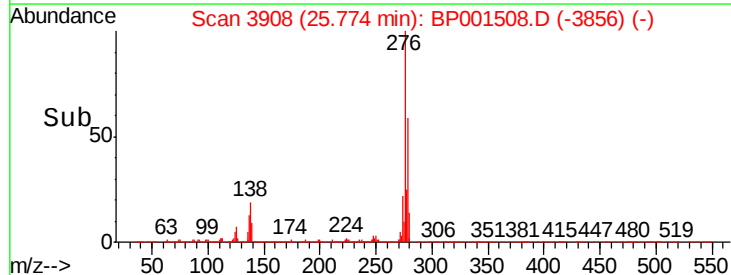
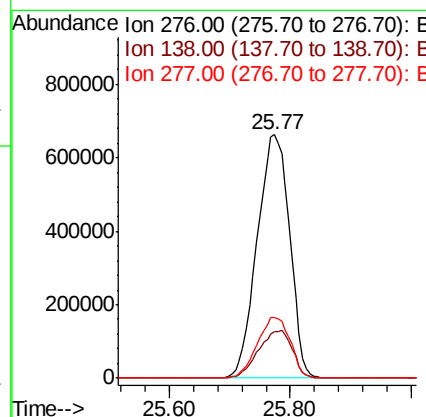
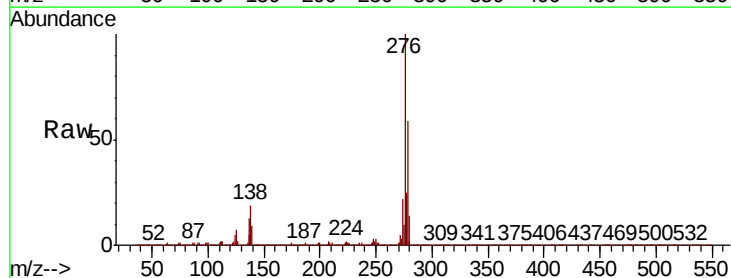
Instrument :
BNA_P
ClientSampled :

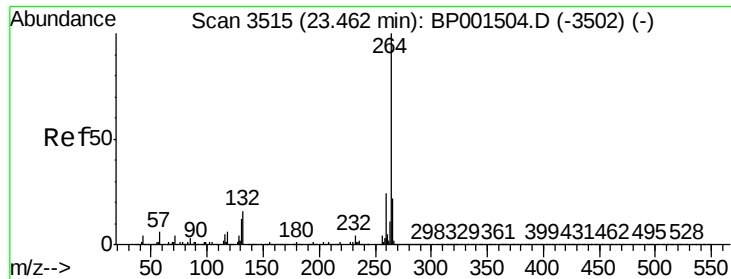
Tot Ion:149 Resp: 2362461
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 102.596 ng
RT: 25.77 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:276 Resp: 2480346
Ion Ratio Lower Upper
276 100
138 20.5 17.8 26.8
277 25.3 20.0 30.0

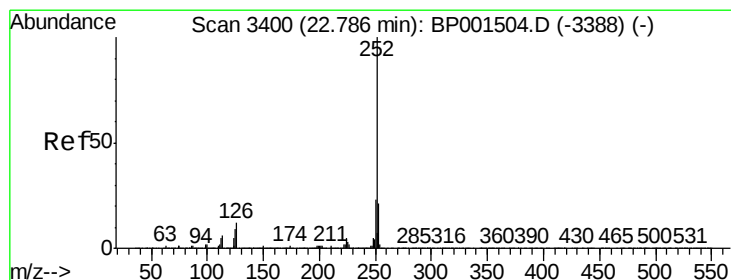
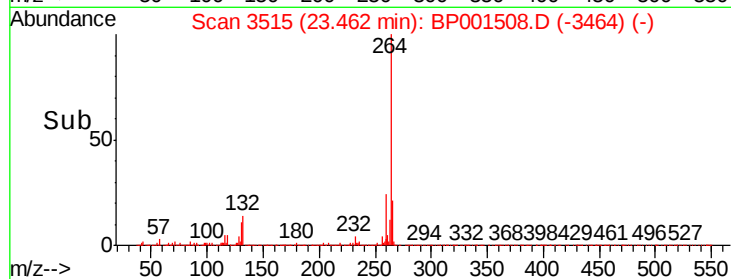
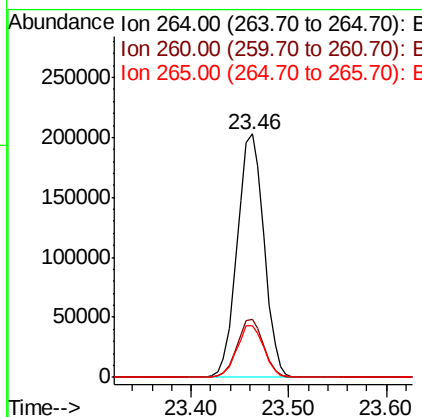
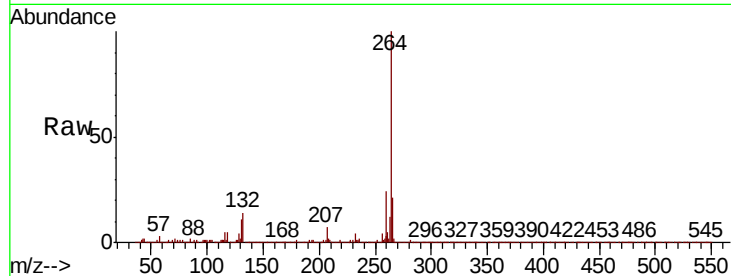




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

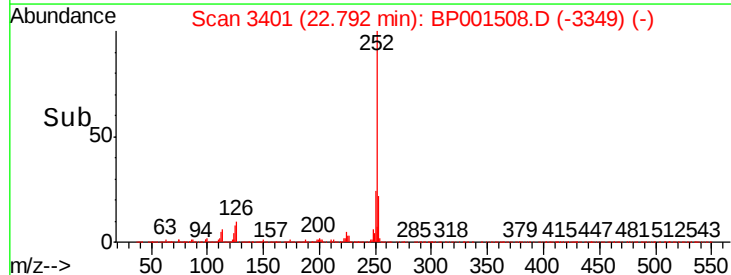
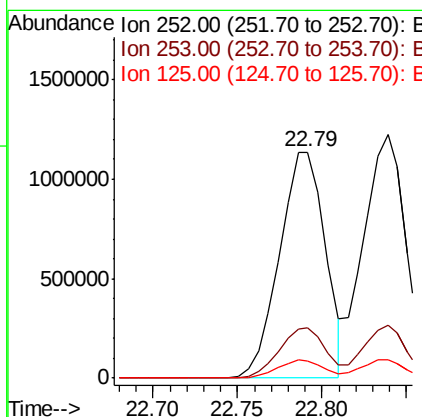
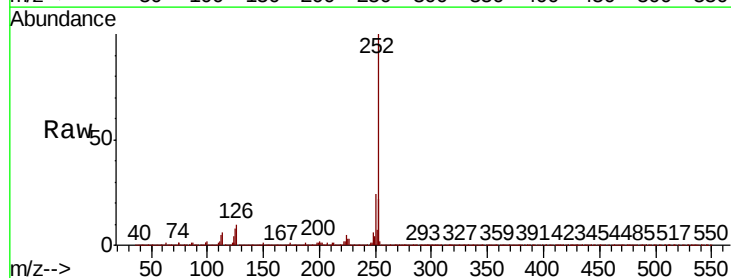
Instrument :
 BNA_P
 ClientSampled :

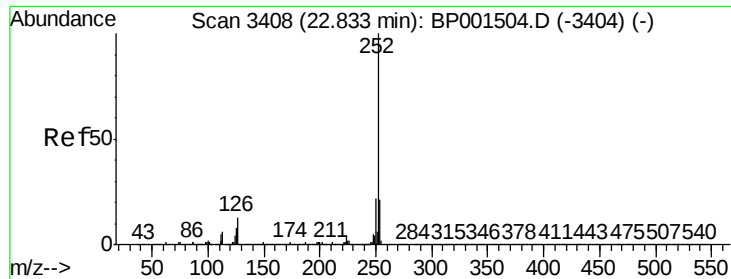
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.1	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 84.567 ng
 RT: 22.79 min Scan# 3401
 Delta R.T. 0.01 min
 Lab File: BP001508.D
 Acq: 03 Jan 2020 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.8	7.2	10.8

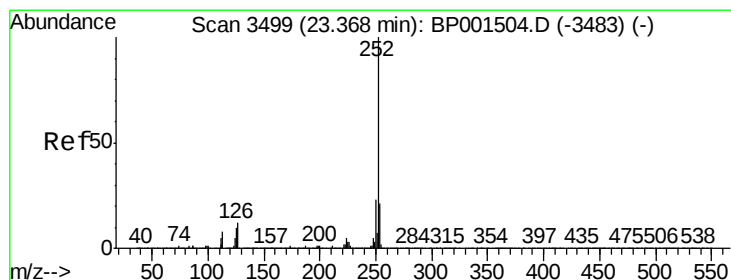
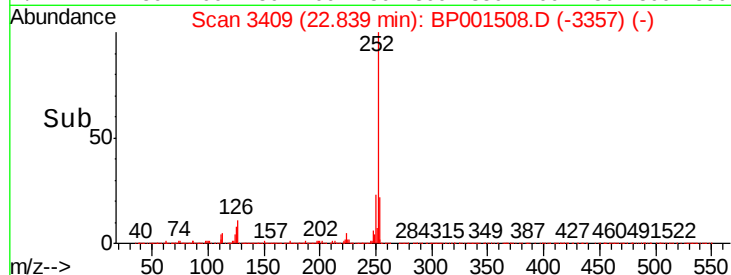
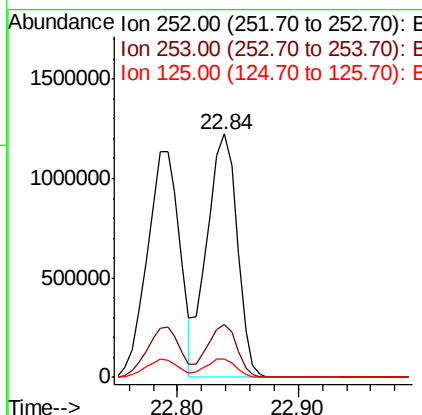
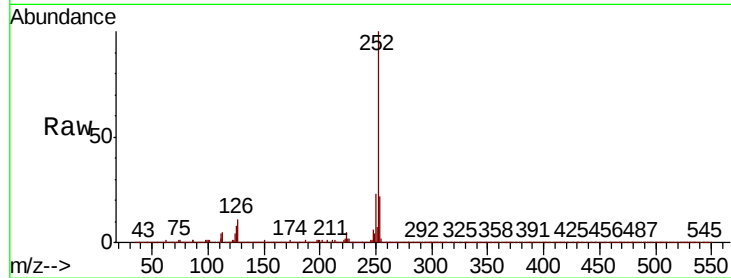




#89
Benzo(k)fluoranthene
Concen: 87.883 ng
RT: 22.84 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

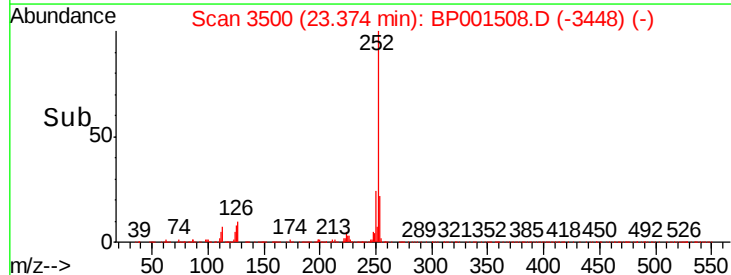
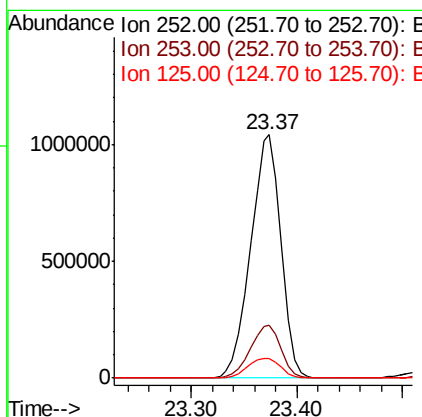
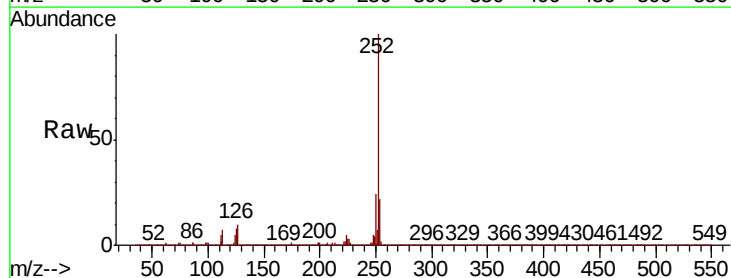
Instrument :
BNA_P
ClientSampleId :

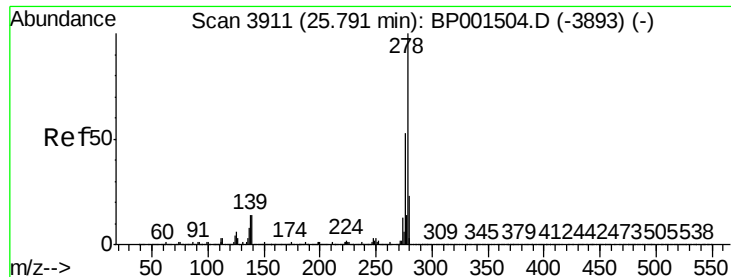
Tot Ion:252 Resp: 2117196
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.7 6.6 10.0



#90
Benzo(a)pyrene
Concen: 89.994 ng
RT: 23.37 min Scan# 3500
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:252 Resp: 2073346
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 8.3 7.7 11.5



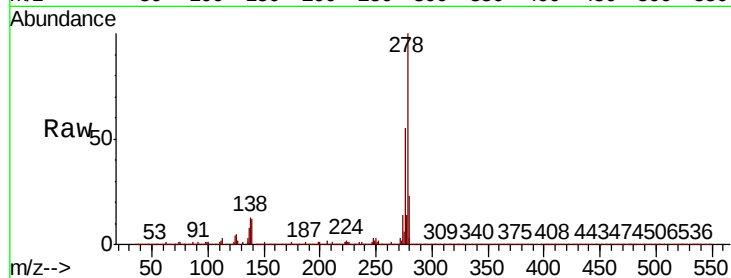


#91
Dibenzo(a,h)anthracene
Concen: 89.914 ng
RT: 25.80 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

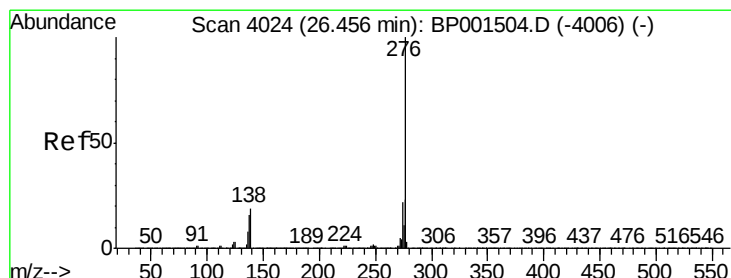
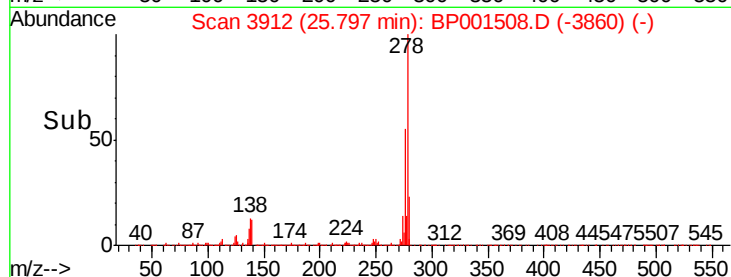
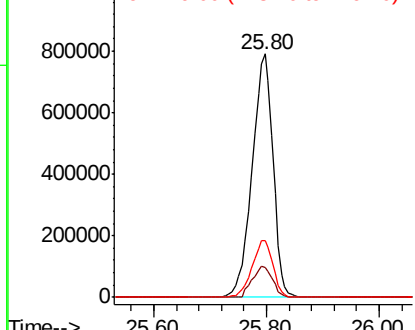
Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 2025401

Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.3	16.9
279	23.2	18.2	27.2



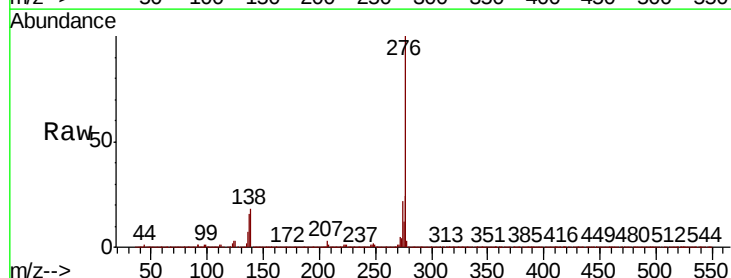
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 97.415 ng
RT: 26.47 min Scan# 4027
Delta R.T. 0.02 min
Lab File: BP001508.D
Acq: 03 Jan 2020 15:01

Tgt Ion:276 Resp: 2096833

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	18.0	15.0	22.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

