

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000881.D
 Acq On : 18 Oct 2019 17:26
 Operator : JU
 Sample : K5401-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Quant Time: Oct 19 02:17:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151912	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	545216	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	306422	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	574781	20.00	ng	0.00
76) Chrysene-d12	13.96	240	483886	20.00	ng	0.00
87) Perylene-d12	15.44	264	552544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	940644	99.53	ng	0.00
7) Phenol-d6	6.39	99	1187661	104.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	665115	74.51	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	396880	121.55	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1438255	75.94	ng	0.00
79) Terphenyl-d14	12.89	244	1676063	70.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	103238	27.356	ng	99
3) Pyridine	3.19	79	261606	25.371	ng	99
4) n-Nitrosodimethylamine	3.12	42	90260	31.108	ng	100
6) Aniline	6.40	93	264767	19.137	ng	# 31
8) 2-Chlorophenol	6.53	128	331178	35.508	ng	98
9) Benzaldehyde	6.29	77	166104	28.001	ng	98
10) Phenol	6.40	94	405428	34.770	ng	87
11) bis(2-Chloroethyl)ether	6.48	93	312383	34.822	ng	100
12) 1,3-Dichlorobenzene	6.68	146	371965	32.899	ng	99
13) 1,4-Dichlorobenzene	6.76	146	382314	33.605	ng	99
14) 1,2-Dichlorobenzene	6.91	146	353996	33.702	ng	99
15) Benzyl Alcohol	6.89	79	258011	35.081	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	262502	31.723	ng	99
17) 2-Methylphenol	7.00	107	269917	35.017	ng	98
18) Hexachloroethane	7.25	117	129574	32.001	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	187823	35.781	ng	97
20) 3+4-Methylphenols	7.16	107	347844	38.566	ng	91
22) Acetophenone	7.15	105	456356	36.224	ng	# 97
24) Nitrobenzene	7.32	77	305536	35.487	ng	98
25) Isophorone	7.56	82	567845	35.841	ng	99
26) 2-Nitrophenol	7.64	139	175494	38.760	ng	98
27) 2,4-Dimethylphenol	7.69	122	283595	40.861	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	376461	34.965	ng	100
29) 2,4-Dichlorophenol	7.89	162	302978	38.608	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	336521	36.513	ng	100
31) Naphthalene	8.05	128	961621	37.765	ng	100
32) Benzoic acid	7.81	122	143400	32.722	ng	99
33) 4-Chloroaniline	8.10	127	153630	13.741	ng	98
34) Hexachlorobutadiene	8.17	225	203937	36.615	ng	99
35) Caprolactam	8.45	113	67362	25.628	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	296271	38.547	ng	96
37) 2-Methylnaphthalene	8.74	142	669566	39.170	ng	99
38) 1-Methylnaphthalene	8.84	142	621592	38.485	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	351960	36.289	ng	99

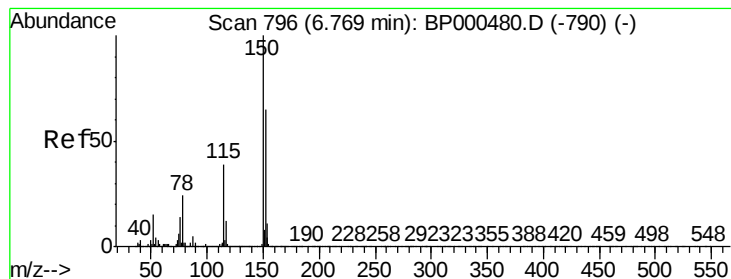
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	111062	33.296	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	214815	35.980	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	233656	37.905	nq	99
46) 1,1'-Biphenyl	9.20	154	828622	35.825	nq	99
47) 2-Chloronaphthalene	9.23	162	649187	36.298	nq	98
48) 2-Nitroaniline	9.33	65	150117	34.669	nq	95
49) Acenaphthylene	9.65	152	1028462	38.115	nq	99
50) Dimethylphthalate	9.51	163	1034744	48.598	nq	100
51) 2,6-Dinitrotoluene	9.57	165	174516	37.586	nq	91
52) Acenaphthene	9.82	154	591098	36.113	nq	100
53) 3-Nitroaniline	9.74	138	89309	16.787	nq	100
54) 2,4-Dinitrophenol	9.86	184	94178	60.786	nq	97
55) Dibenzofuran	10.00	168	940790	38.450	nq	97
56) 4-Nitrophenol	9.92	139	213518	62.862	nq	99
57) 2,4-Dinitrotoluene	9.99	165	230383	37.422	nq	94
58) Fluorene	10.34	166	722539	41.434	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	194502	37.326	nq	96
60) Diethylphthalate	10.22	149	753106	37.261	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	376554	40.156	nq	96
62) 4-Nitroaniline	10.36	138	162522	31.763	nq	98
63) Azobenzene	10.49	77	597496	38.504	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	85424	33.526	nq	91
66) n-Nitrosodiphenylamine	10.45	169	639985	38.230	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	246293	38.066	nq	97
68) Hexachlorobenzene	10.90	284	265684	36.135	nq	# 91
69) Atrazine	10.99	200	203466	37.036	nq	99
70) Pentachlorophenol	11.10	266	196343	66.487	nq	99
71) Phenanthrene	11.31	178	1155605	40.032	nq	100
72) Anthracene	11.36	178	1129573	39.465	nq	99
73) Carbazole	11.52	167	1010454	38.084	nq	99
74) Di-n-butylphthalate	11.86	149	1226908	37.960	nq	99
75) Fluoranthene	12.52	202	1398097	43.123	nq	100
77) Benzidine	12.64	184	555787	39.665	nq	98
78) Pyrene	12.75	202	1395886	41.826	nq	100
80) Butylbenzylphthalate	13.37	149	533472	36.683	nq	100
81) Benzo(a)anthracene	13.96	228	1158601	39.243	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	350371	29.877	nq	99
83) Chrysene	13.99	228	1120962	38.684	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	720630	39.400	nq	99
85) Di-n-octyl phthalate	14.57	149	1285577	38.779	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1369513	37.835	nq	99
88) Benzo(b)fluoranthene	15.02	252	1210028	38.601	nq	99
89) Benzo(k)fluoranthene	15.05	252	1144765	38.358	nq	100
90) Benzo(a)pyrene	15.38	252	1156494	39.577	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1115303	39.353	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1152875	40.032	nq	99

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

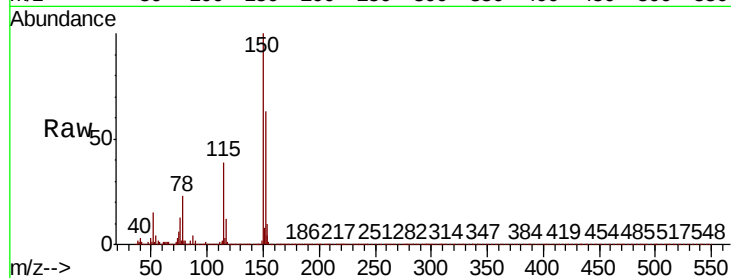


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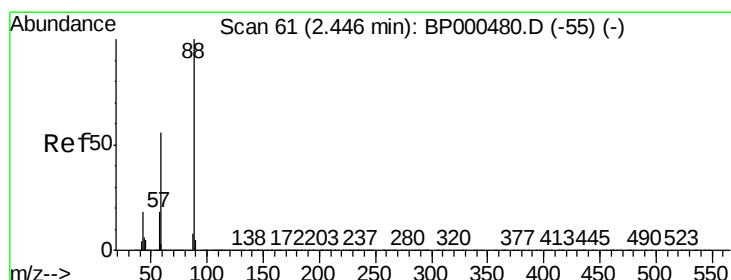
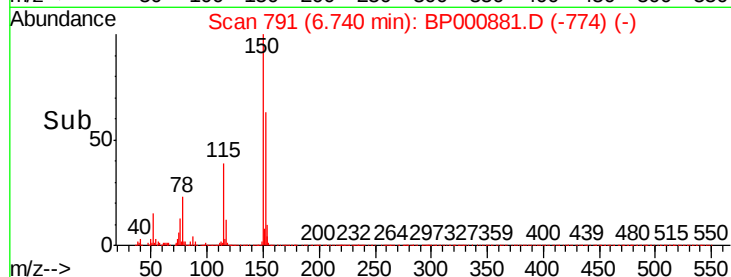
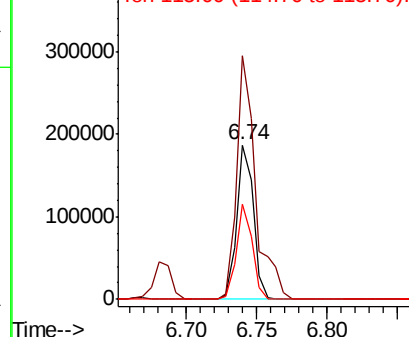
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:152 Resp: 151912
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.8
115 61.7 46.8 70.2



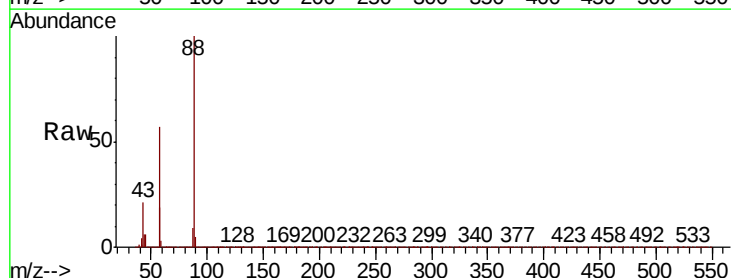
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



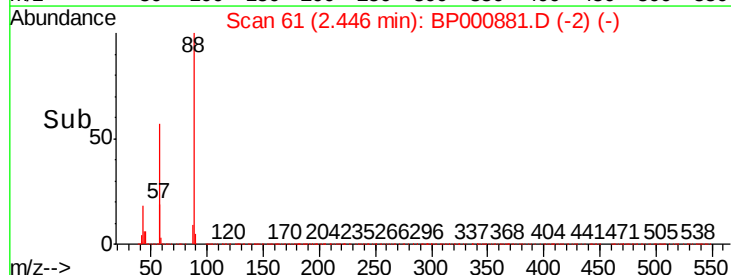
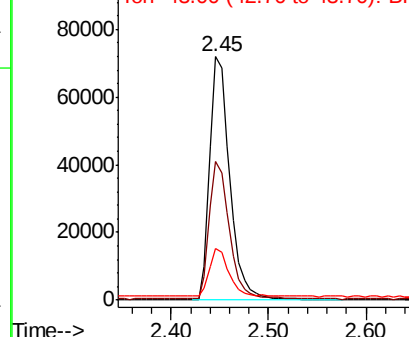
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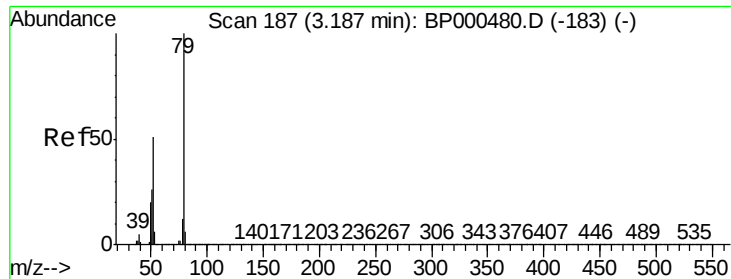
1,4-Dioxane
Concen: 27.356 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.05 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion: 88 Resp: 103238
Ion Ratio Lower Upper
88 100
58 56.3 44.3 66.5
43 19.0 14.9 22.3



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: 25.371 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.06 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

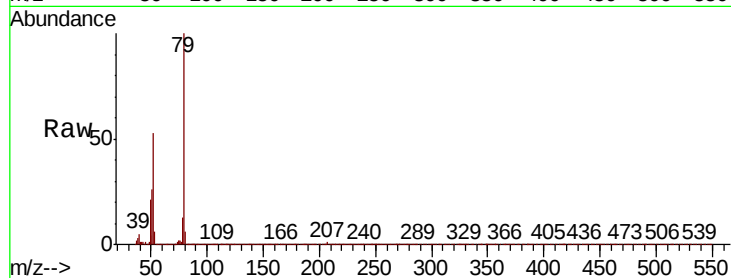
Tot Ion: 79 Resp: 261606

Ion Ratio Lower Upper

79 100

52 52.7 41.4 62.0

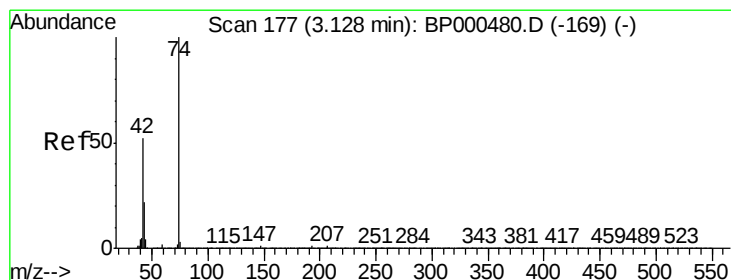
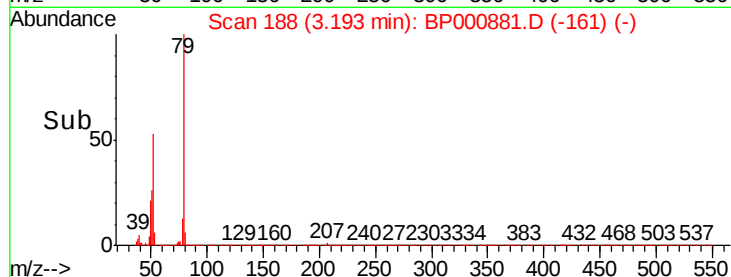
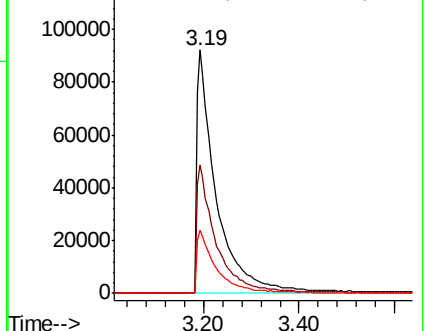
51 25.9 21.0 31.6



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: 31.108 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.05 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

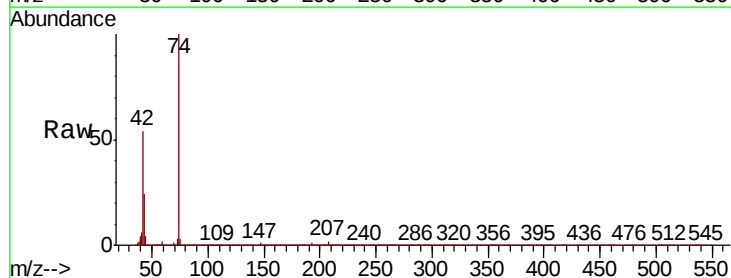
Tgt Ion: 42 Resp: 90260

Ion Ratio Lower Upper

42 100

74 186.6 149.1 223.7

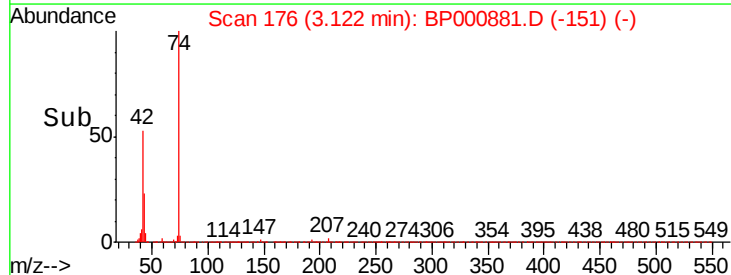
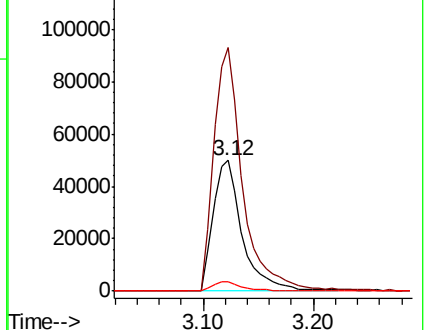
44 7.0 5.6 8.4

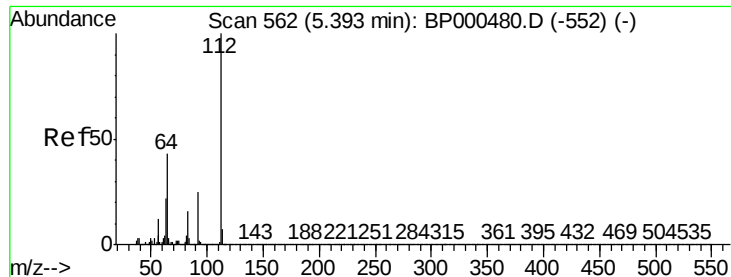


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 99.533 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

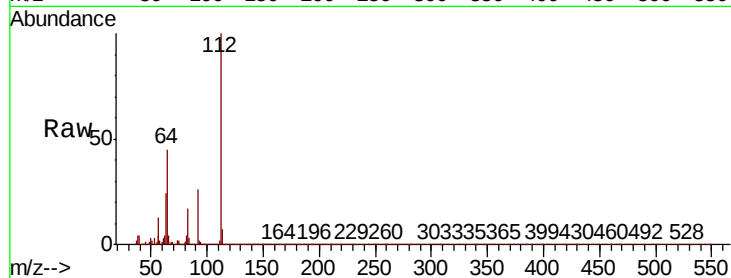
Tot Ion: 112 Resp: 940644

Ion Ratio Lower Upper

112 100

64 44.8 33.9 50.9

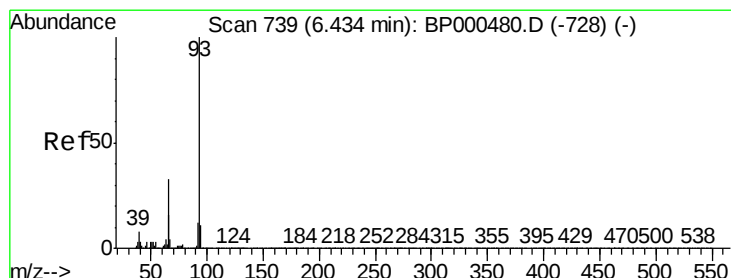
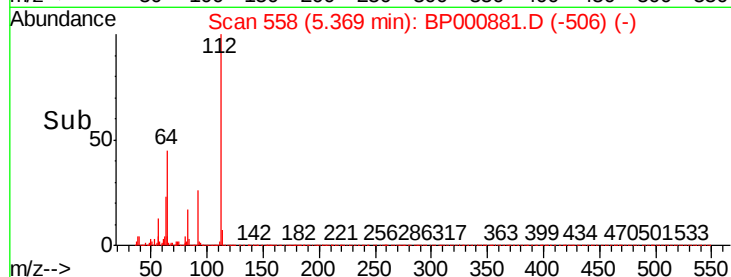
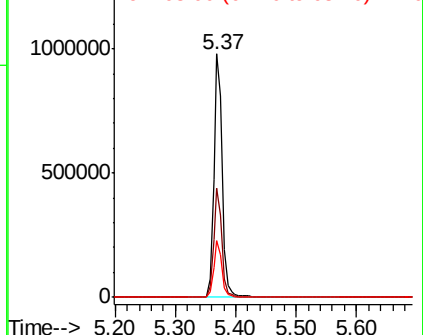
63 23.5 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 19.137 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

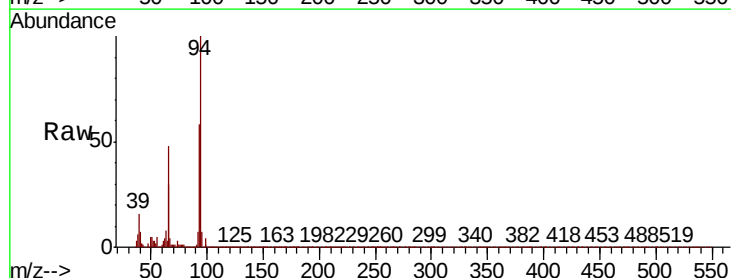
Tgt Ion: 93 Resp: 264767

Ion Ratio Lower Upper

93 100

66 82.2 31.2 46.8#

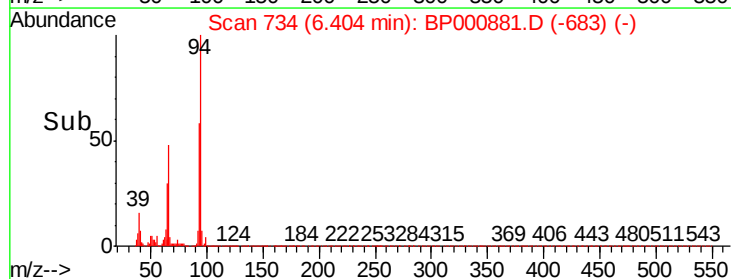
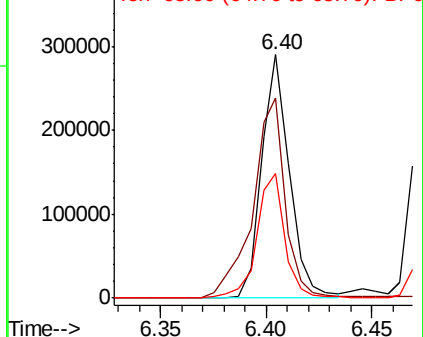
65 51.0 16.4 24.6#

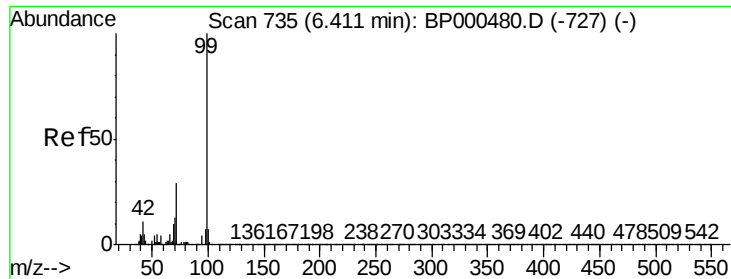


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 104.288 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

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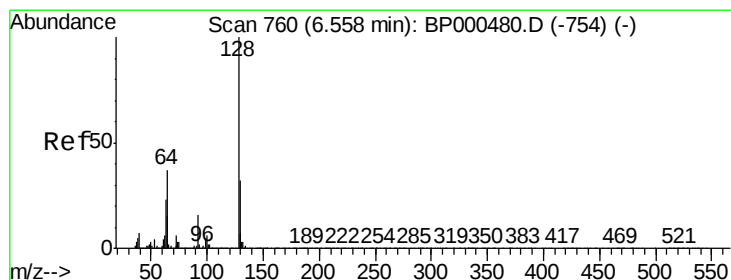
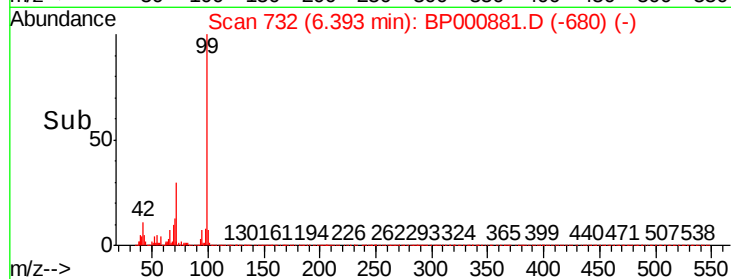
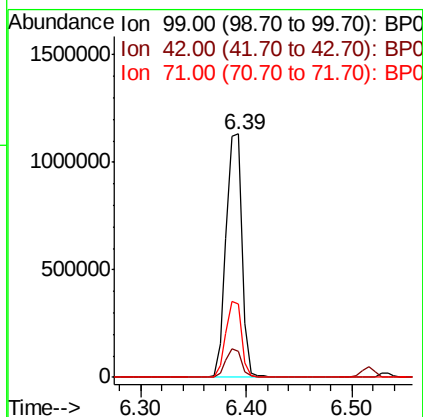
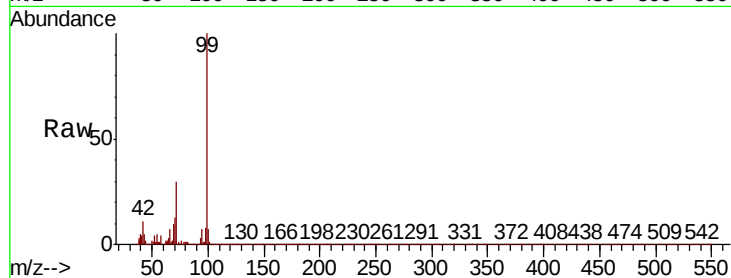
Tot Ion: 99 Resp: 1187661

Ion Ratio Lower Upper

99 100

42 10.8 8.7 13.1

71 30.0 24.1 36.1



#8

2-Chlorophenol

Concen: 35.508 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

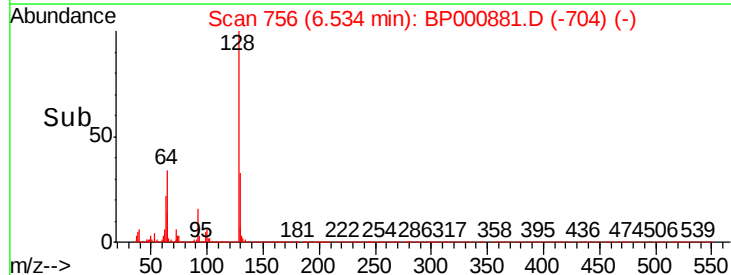
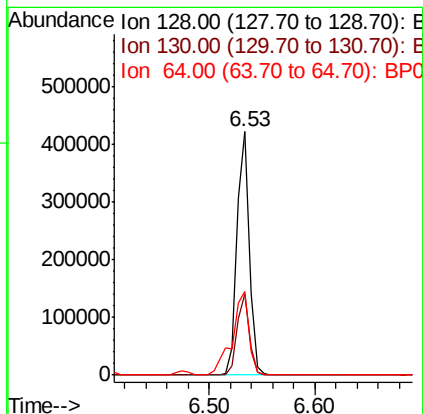
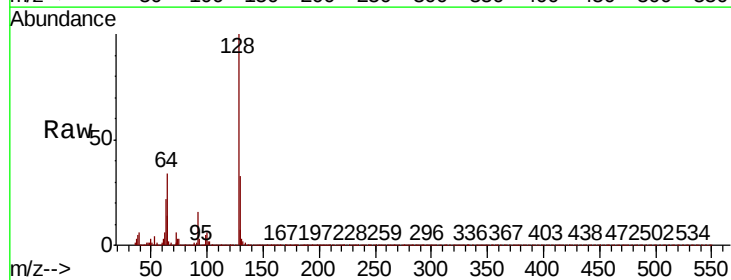
Tgt Ion: 128 Resp: 331178

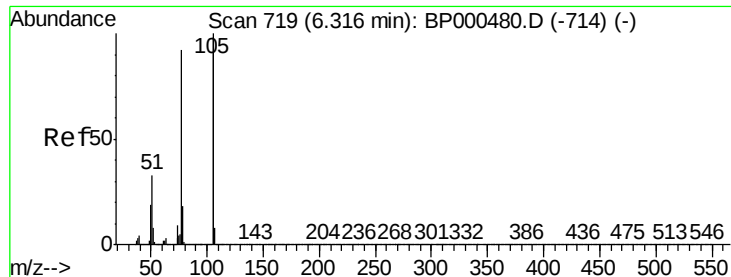
Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

64 34.5 15.2 55.2





#9

Benzaldehyde

Concen: 28.001 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleID :

RBR200031-RT4221MSD

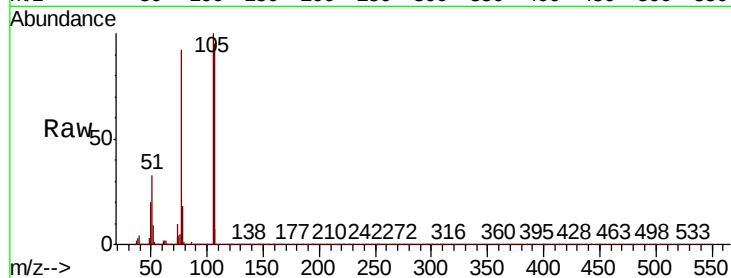
Tot Ion: 77 Resp: 166104

Ion Ratio Lower Upper

77 100

105 108.8 90.5 130.5

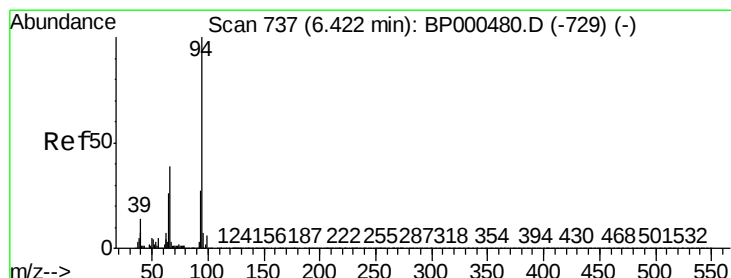
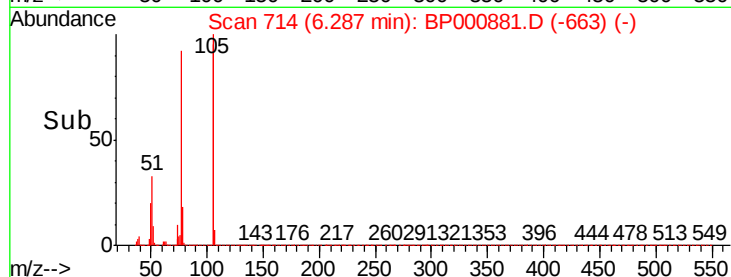
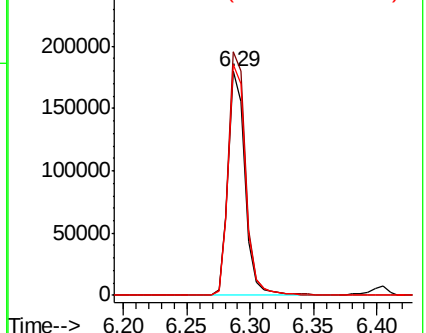
106 103.0 85.5 125.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.770 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

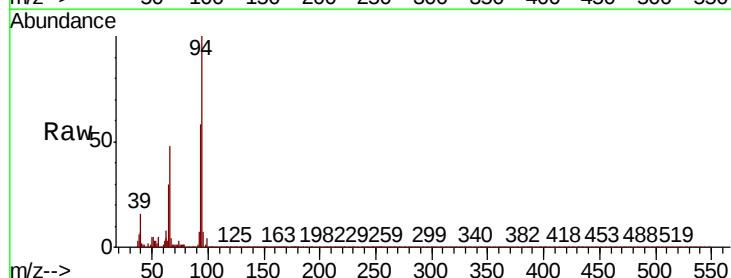
Tgt Ion: 94 Resp: 405428

Ion Ratio Lower Upper

94 100

65 29.7 14.6 54.6

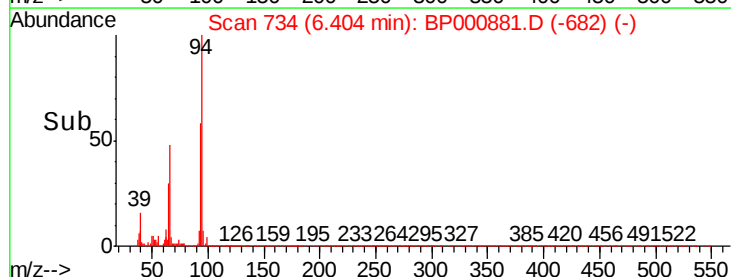
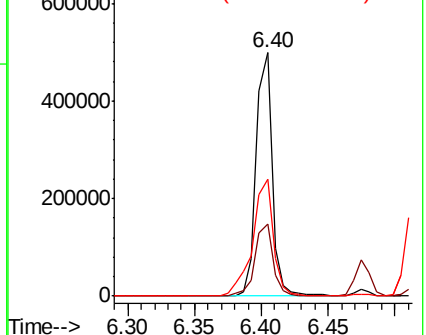
66 47.8 39.2 79.2



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

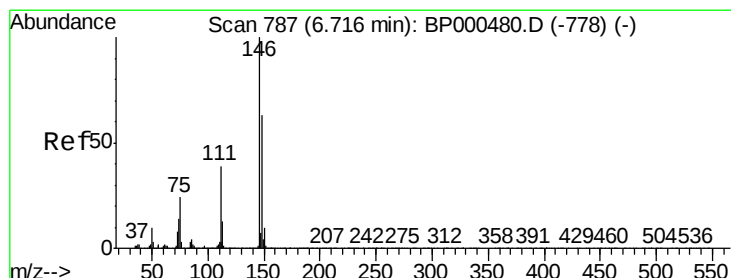
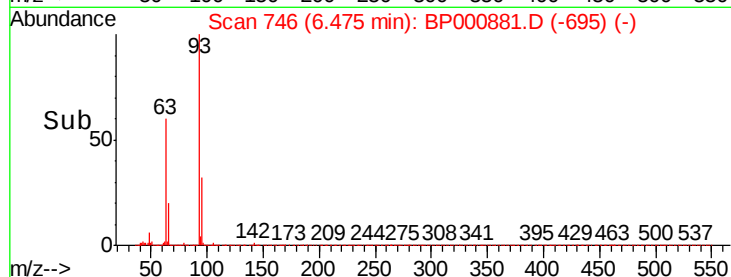
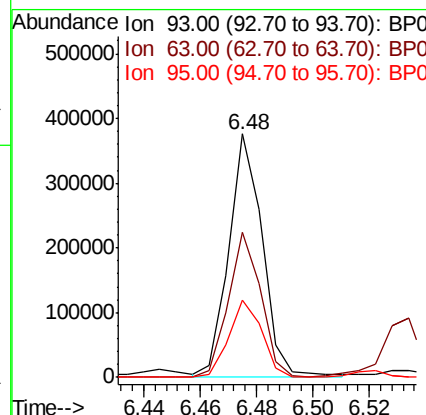
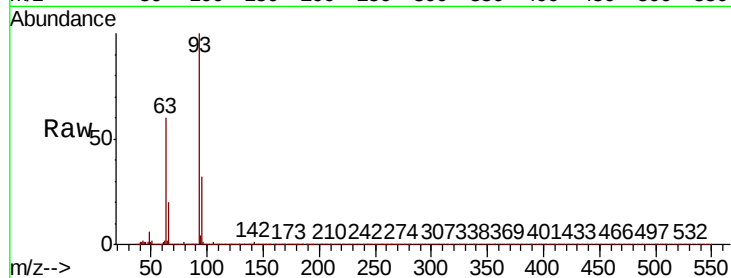




#11
bis(2-Chloroethyl)ether
Concen: 34.822 ng
RT: 6.48 min Scan# 746
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

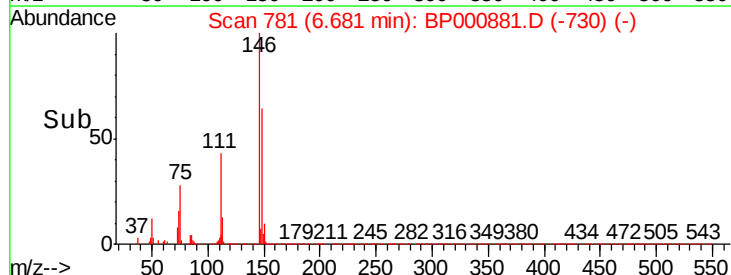
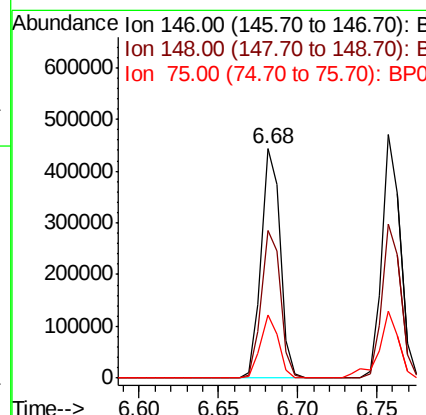
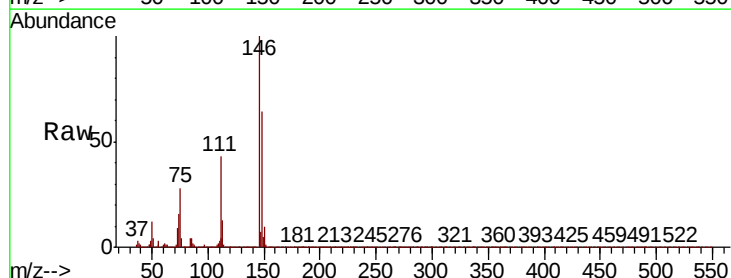
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

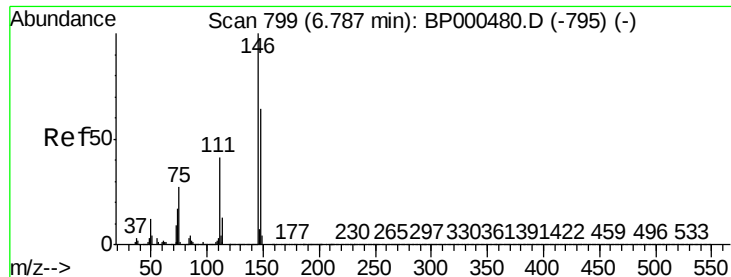
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.7	39.6	79.6
95	32.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 32.899 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	27.8	20.8	31.2

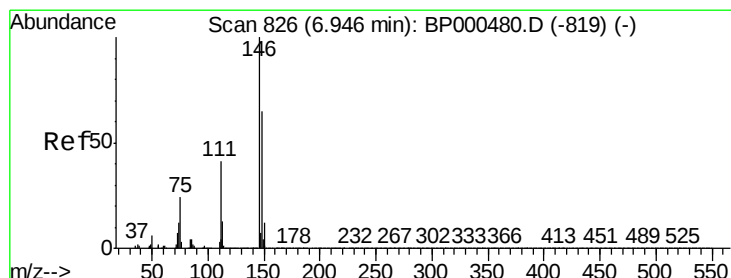
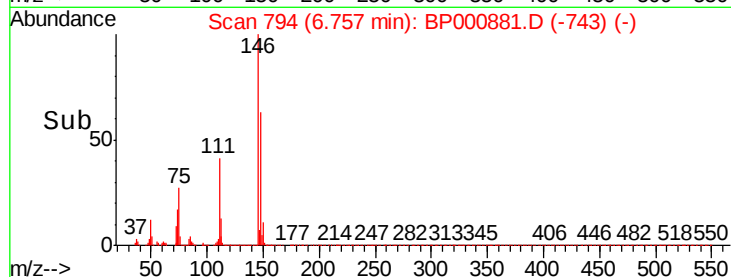
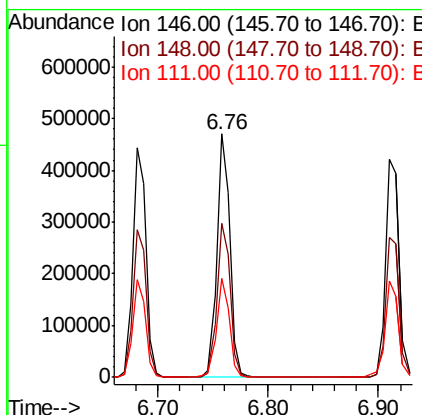
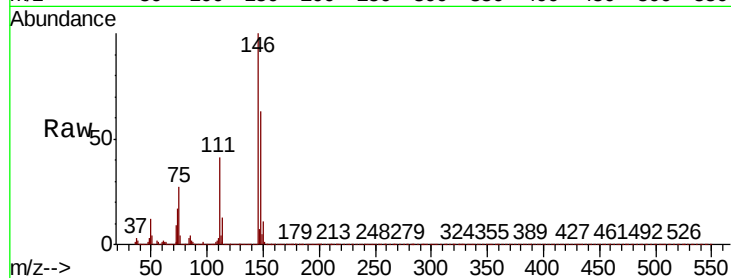




#13
 1,4-Dichlorobenzene
 Concen: 33.605 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

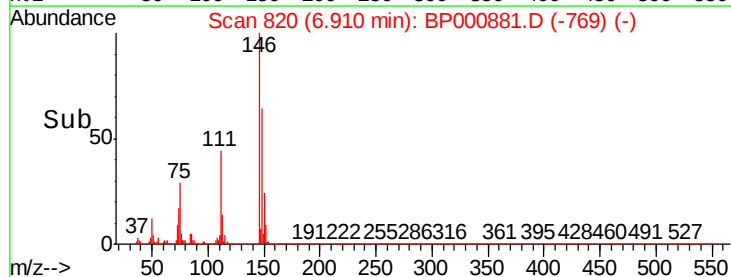
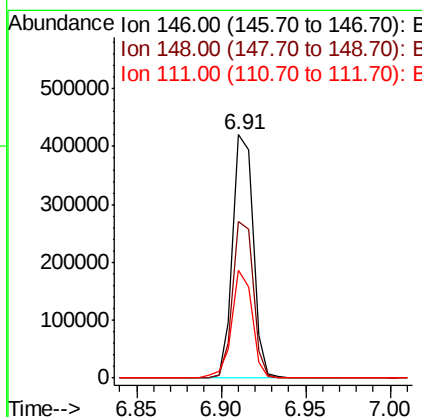
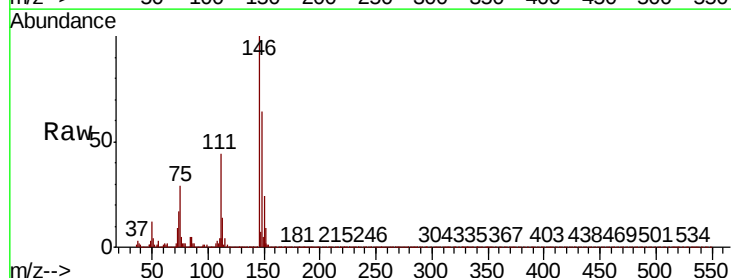
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

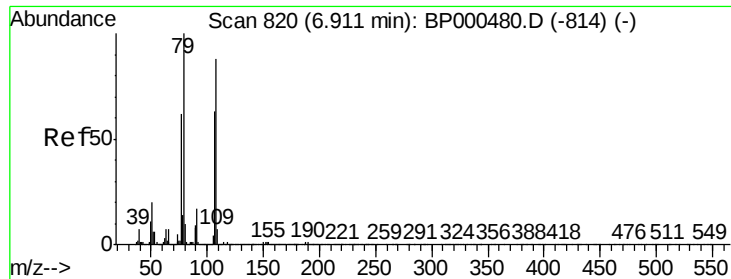
Tot Ion:146 Resp: 382314
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 40.9 32.0 48.0



#14
 1,2-Dichlorobenzene
 Concen: 33.702 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

Tgt Ion:146 Resp: 353996
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 44.2 34.0 51.0





#15

Benzyl Alcohol

Concen: 35.081 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

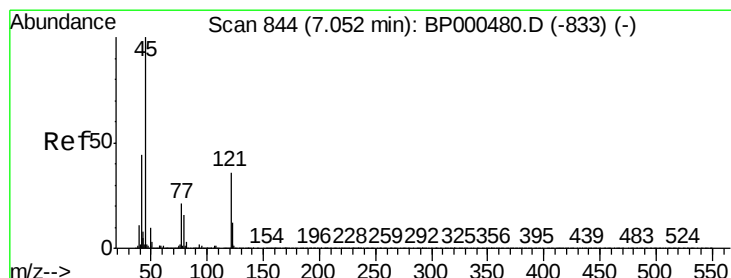
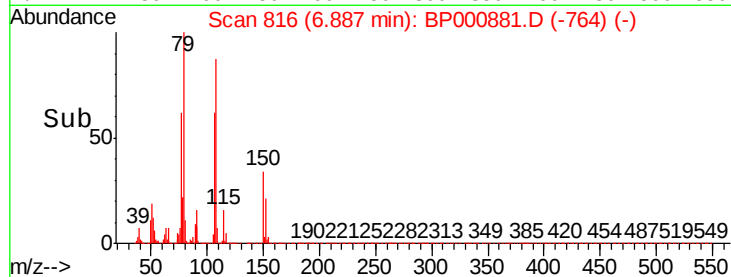
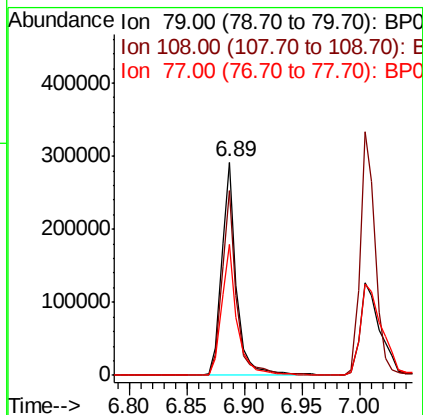
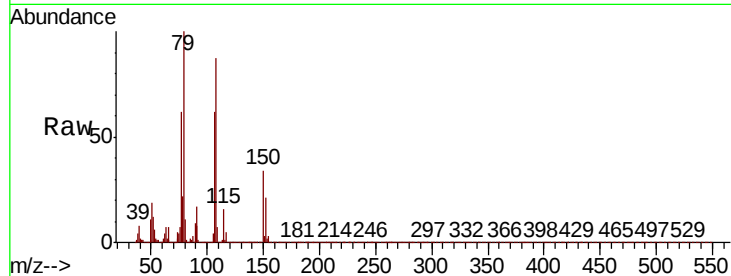
Tot Ion: 79 Resp: 258011

Ion Ratio Lower Upper

79 100

108 86.6 66.7 100.1

77 61.7 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.723 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

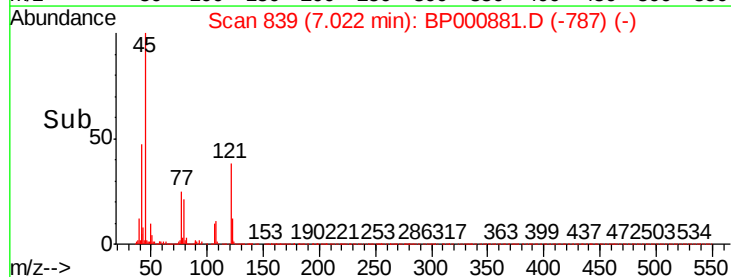
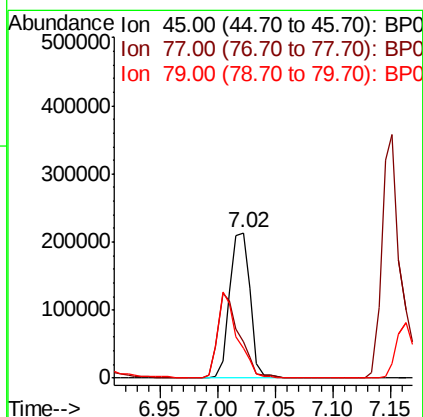
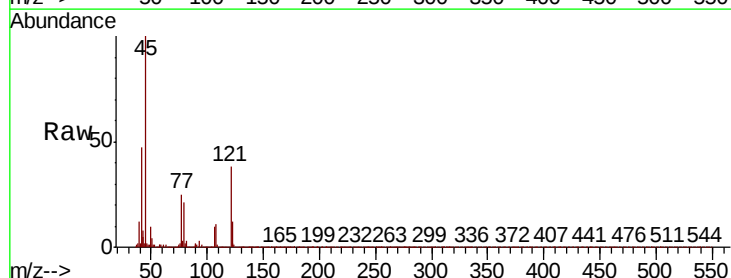
Tgt Ion: 45 Resp: 262502

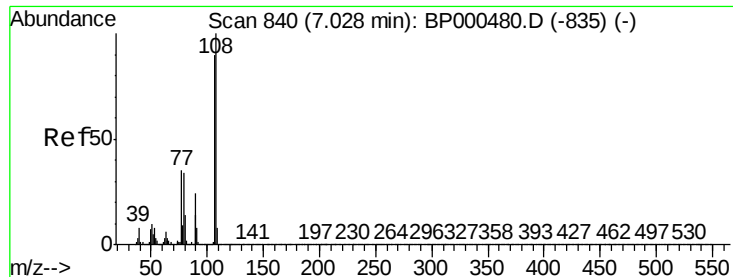
Ion Ratio Lower Upper

45 100

77 25.0 5.6 45.6

79 20.6 0.9 40.9





#17

2-Methylphenol

Concen: 35.017 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:107 Resp: 269917

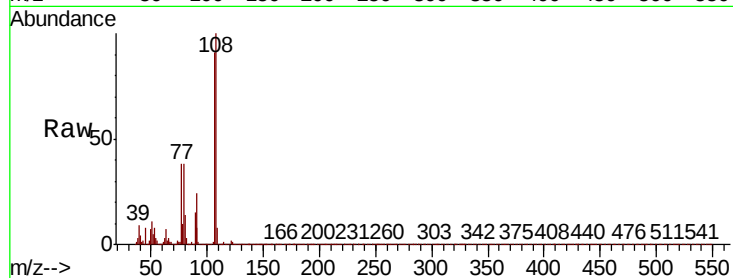
Ion Ratio Lower Upper

107 100

108 110.2 90.2 135.4

77 41.5 33.8 50.8

79 41.8 33.5 50.3

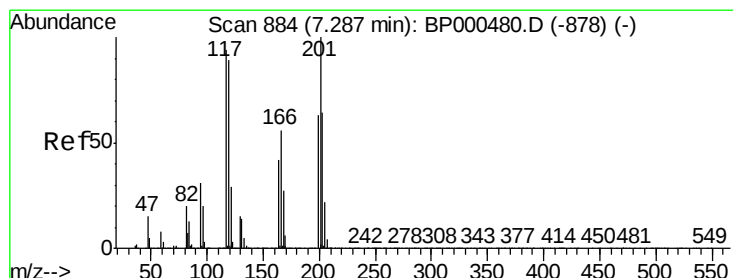
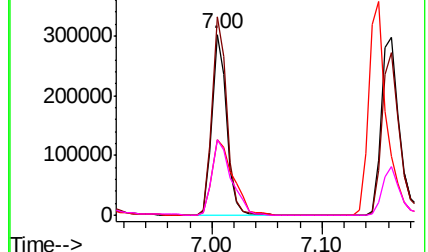
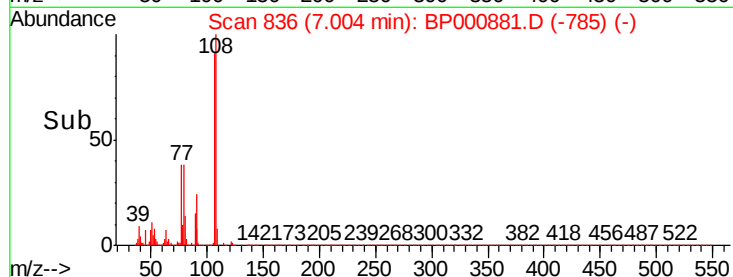


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 32.001 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

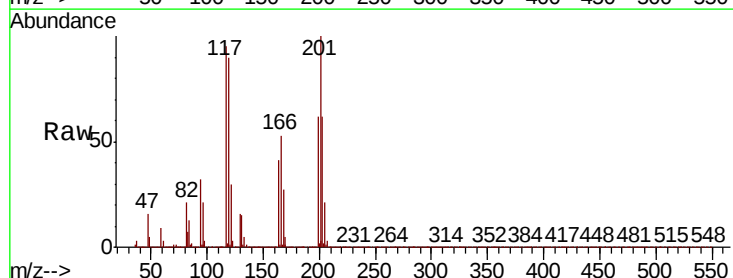
Tgt Ion:117 Resp: 129574

Ion Ratio Lower Upper

117 100

119 95.4 77.8 116.6

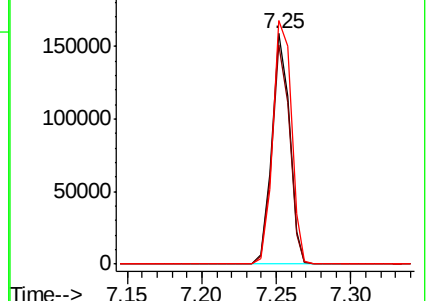
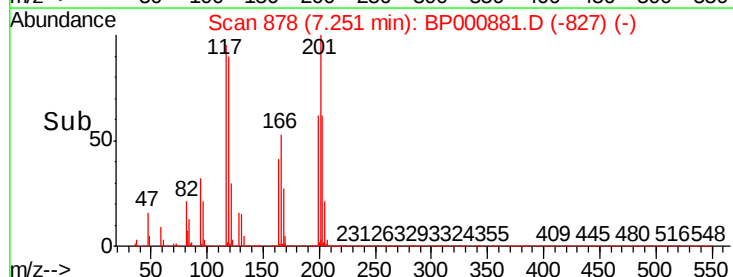
201 105.6 86.6 130.0

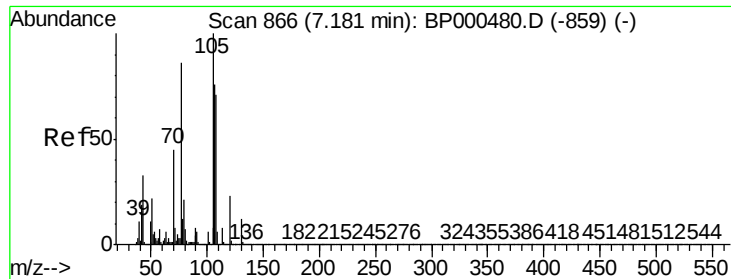


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

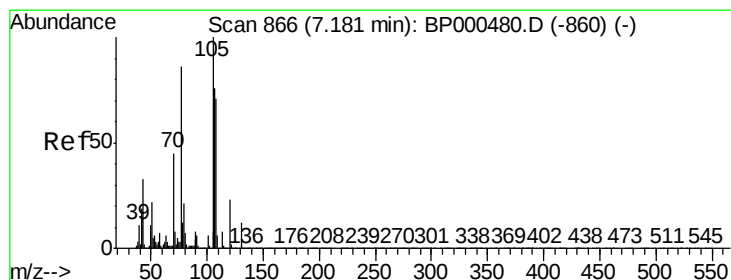
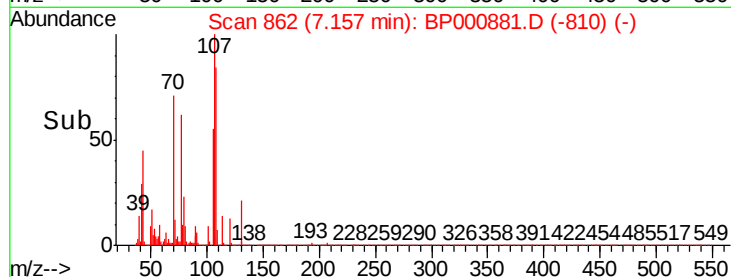
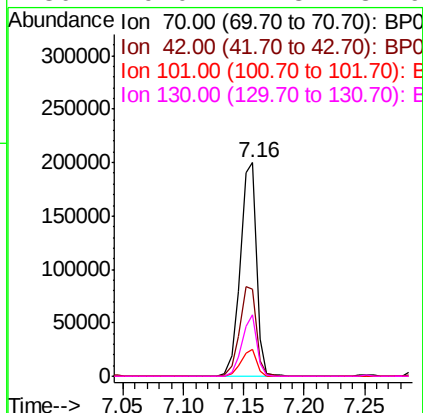
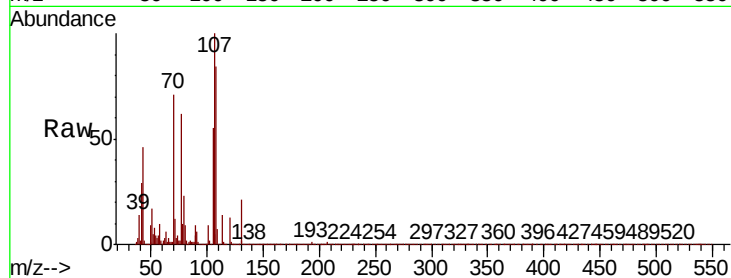




#19
n-Nitroso-di-n-propylamine
Concen: 35.781 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

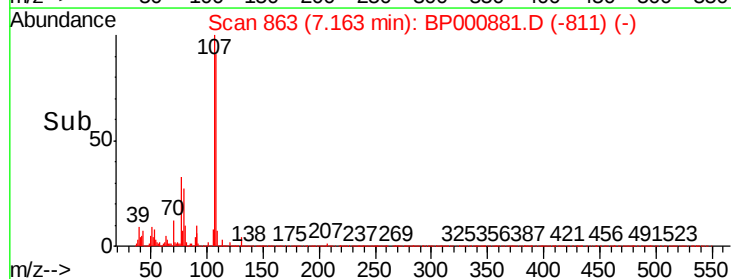
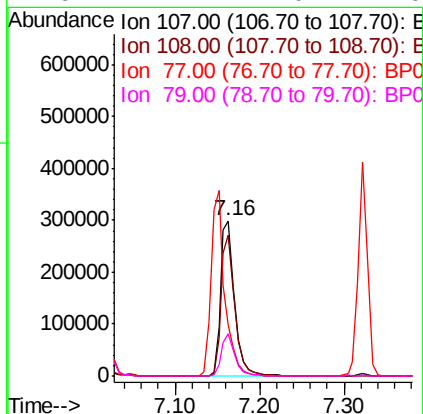
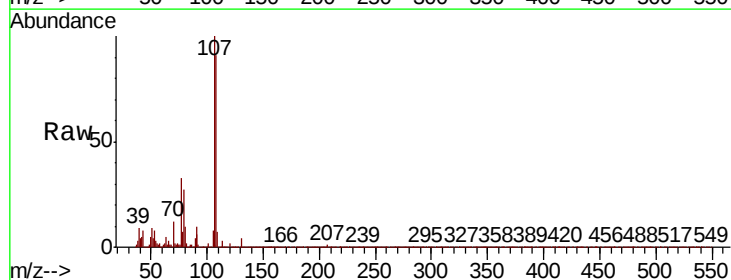
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

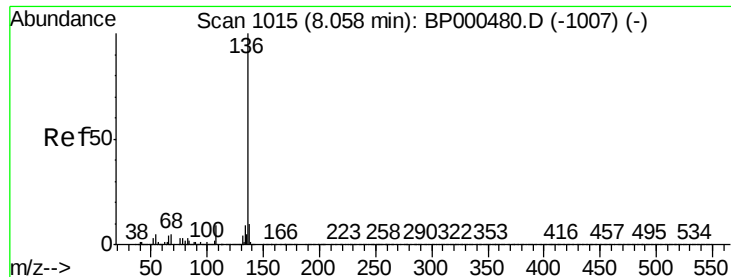
Tot Ion:	70	Resp:	187823
Ion	Ratio	Lower	Upper
70	100		
42	40.5	34.0	51.0
101	12.7	9.5	14.3
130	29.0	21.3	31.9



#20
3+4-Methylphenols
Concen: 38.566 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:	107	Resp:	347844
Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.5	109.5
77	33.3	31.9	71.9
79	27.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:136 Resp: 545216

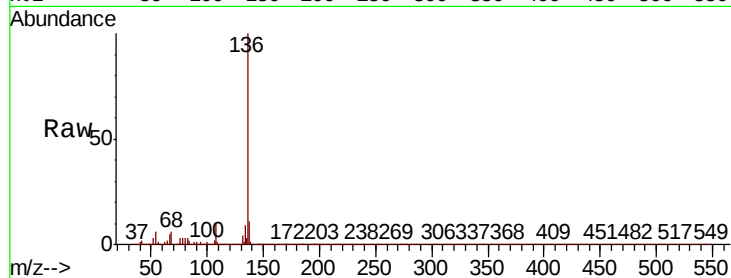
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.0 4.6 6.8

68 5.5 4.4 6.6

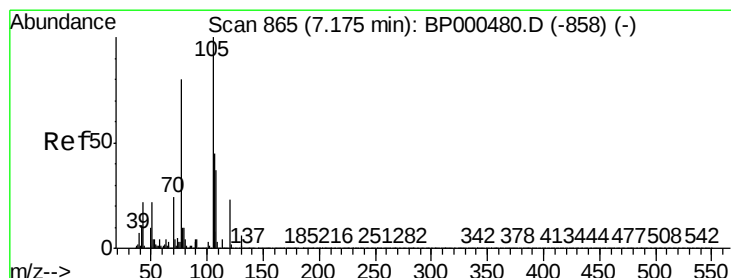
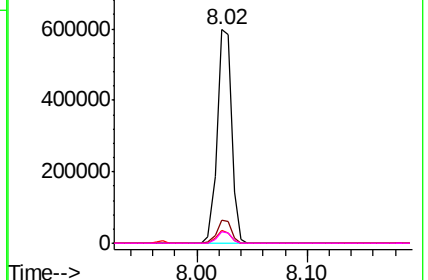
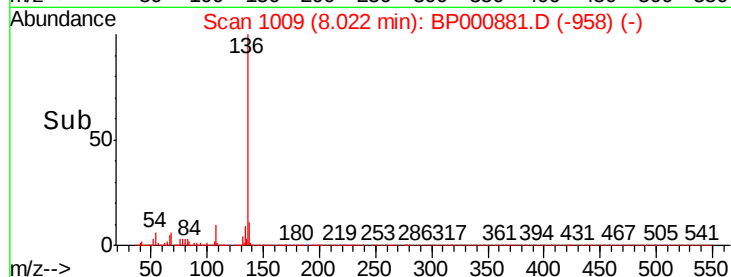


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 36.224 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:105 Resp: 456356

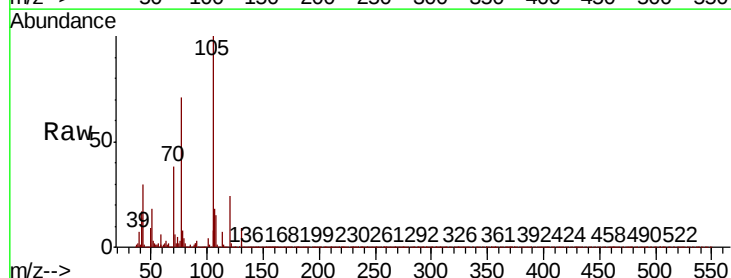
Ion Ratio Lower Upper

105 100

71 6.5 3.3 4.9#

51 18.3 15.7 23.5

120 23.6 18.0 27.0

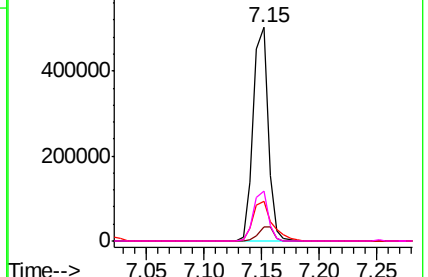
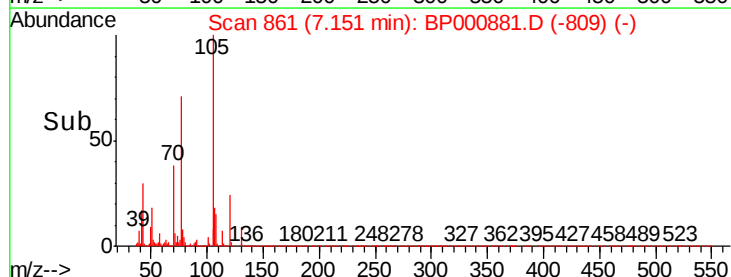


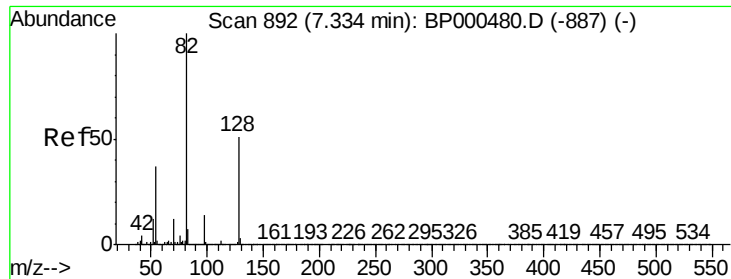
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

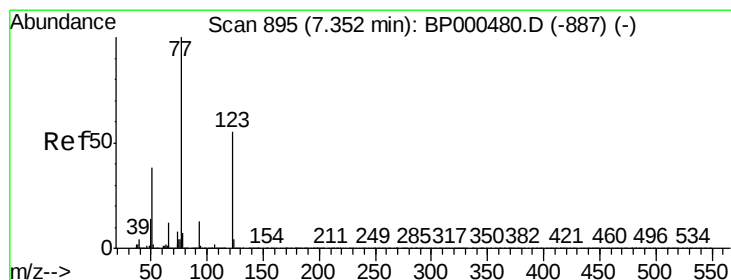
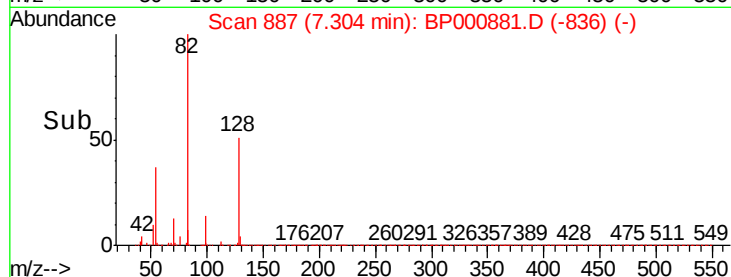
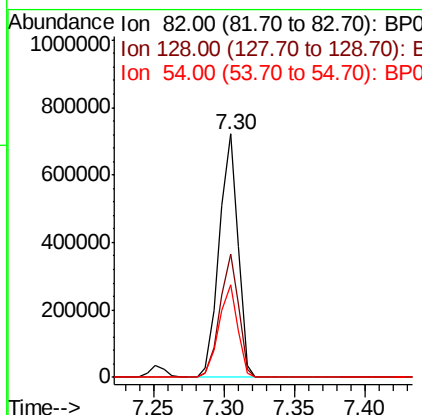
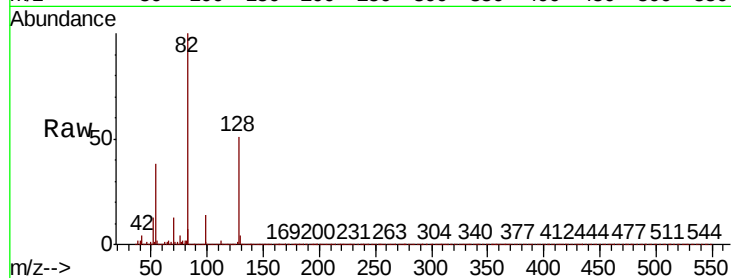




#23
Nitrobenzene-d5
Concen: 74.506 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

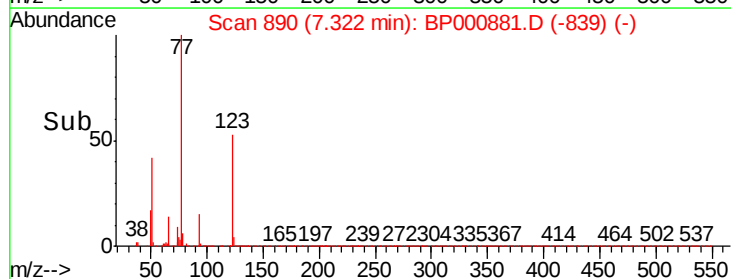
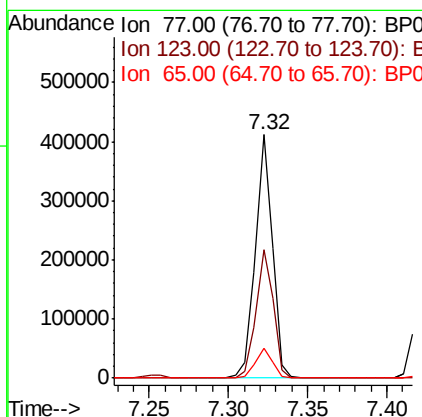
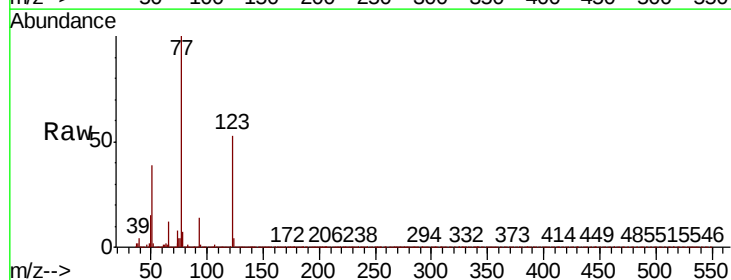
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion: 82 Resp: 665115
Ion Ratio Lower Upper
82 100
128 50.7 41.2 61.8
54 38.1 30.6 45.8



#24
Nitrobenzene
Concen: 35.487 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion: 77 Resp: 305536
Ion Ratio Lower Upper
77 100
123 52.5 43.4 65.2
65 12.2 9.9 14.9





#25

Isophorone

Concen: 35.841 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

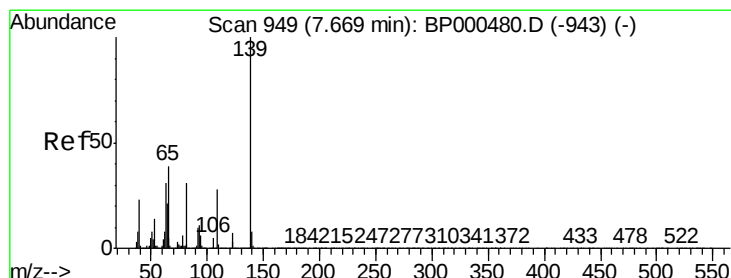
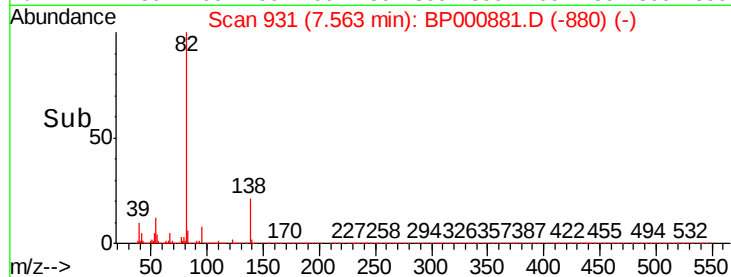
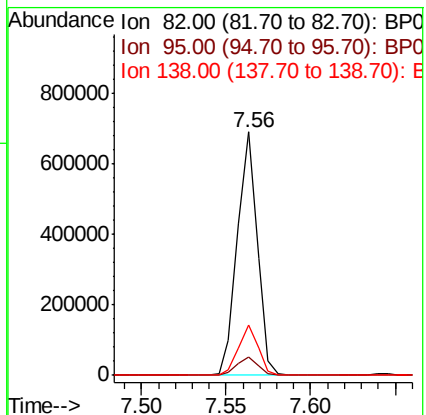
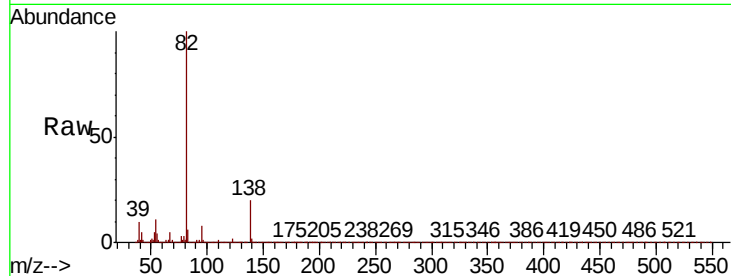
Tot Ion: 82 Resp: 567845

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.4

138 20.5 17.0 25.4



#26

2-Nitrophenol

Concen: 38.760 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

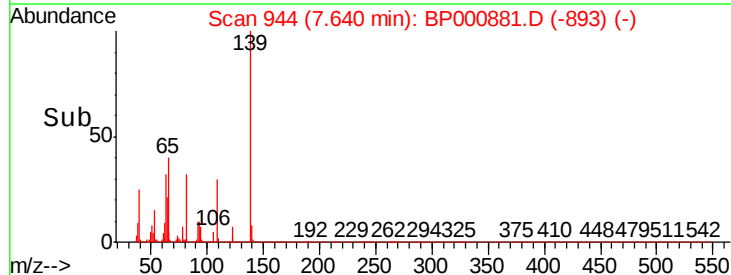
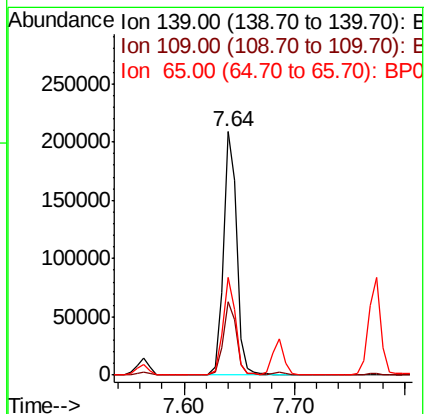
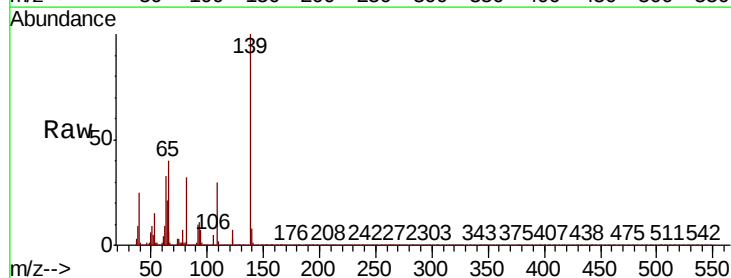
Tgt Ion: 139 Resp: 175494

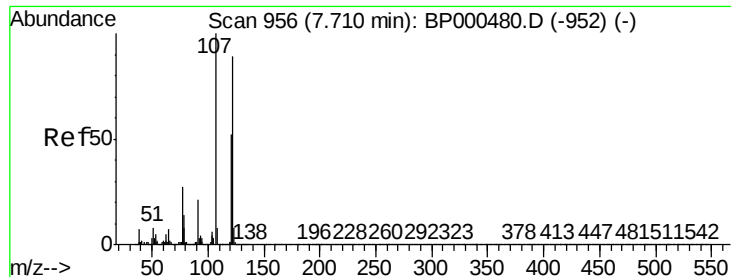
Ion Ratio Lower Upper

139 100

109 30.0 23.8 35.6

65 40.4 30.7 46.1

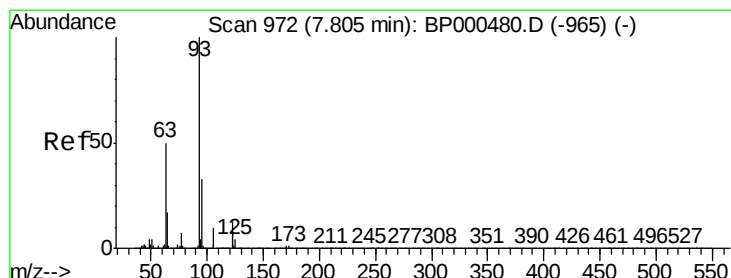
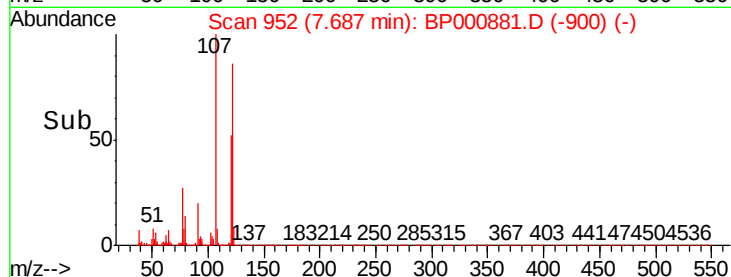
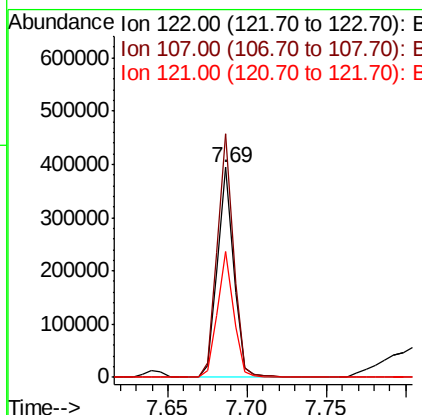
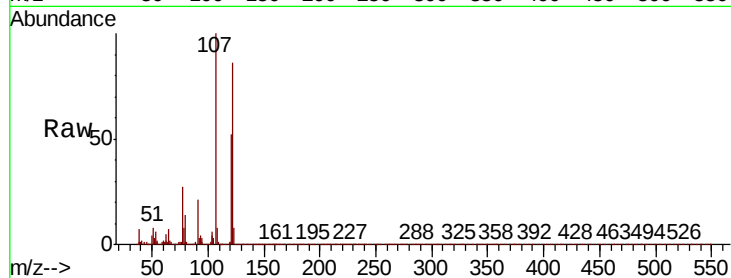




#27
2,4-Dimethylphenol
Concen: 40.861 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

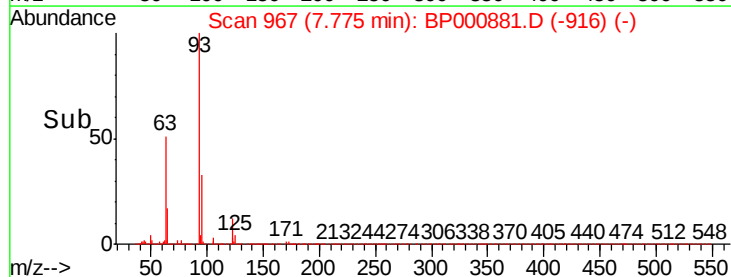
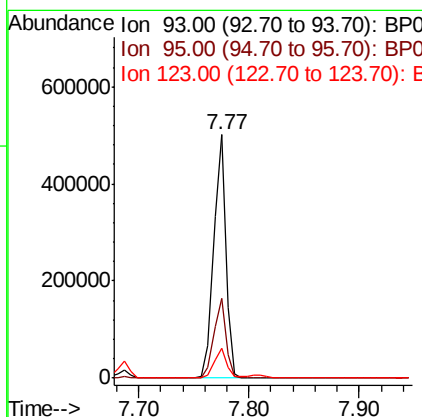
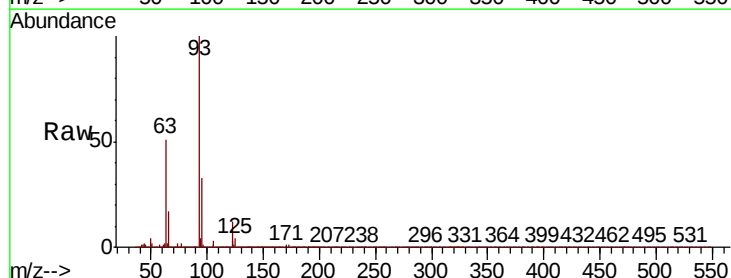
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

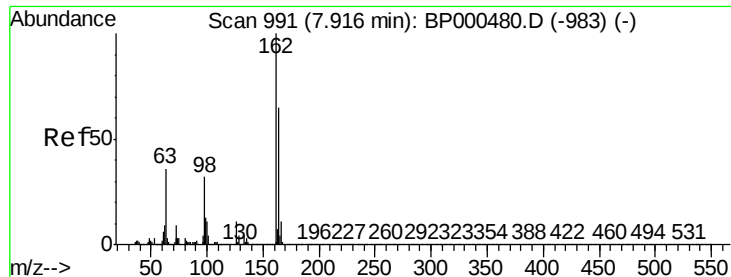
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	93.0	139.6
121	60.0	47.8	71.6



#28
bis(2-Chloroethoxy)methane
Concen: 34.965 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	12.4	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 38.608 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

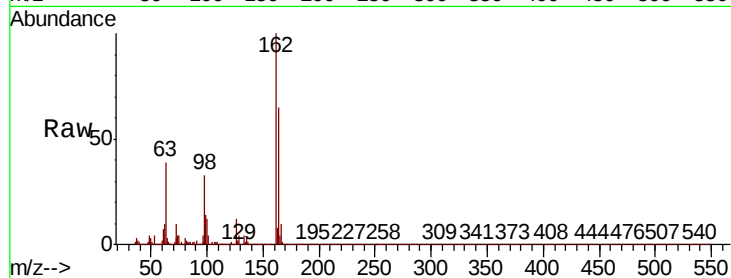
Tot Ion:162 Resp: 302978

Ion Ratio Lower Upper

162 100

164 65.4 44.5 84.5

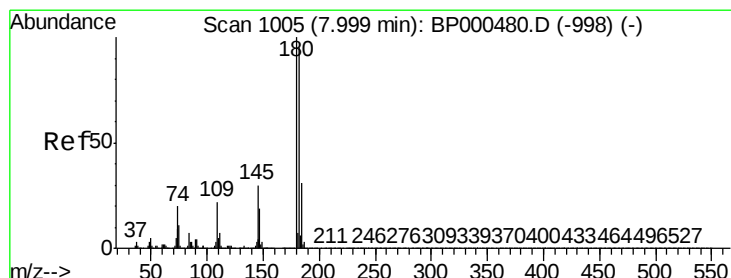
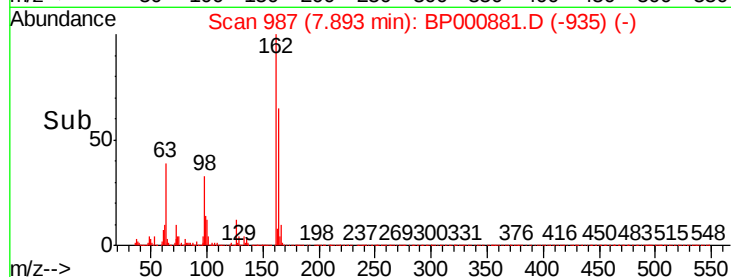
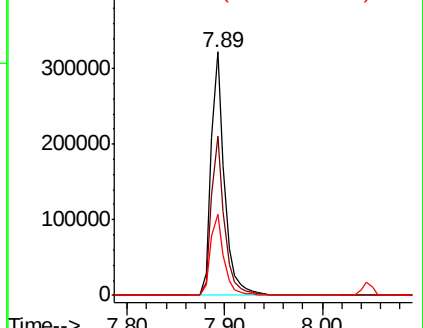
98 33.3 14.6 54.6



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): E



#30

1,2,4-Trichlorobenzene

Concen: 36.513 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

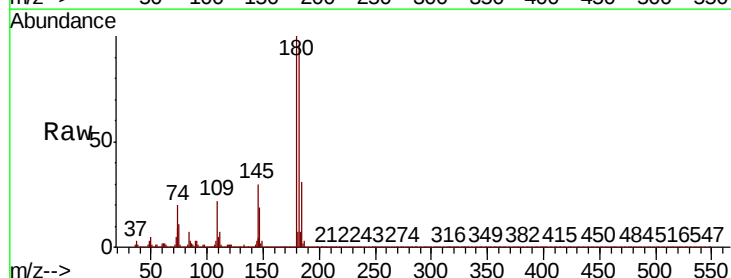
Tgt Ion:180 Resp: 336521

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

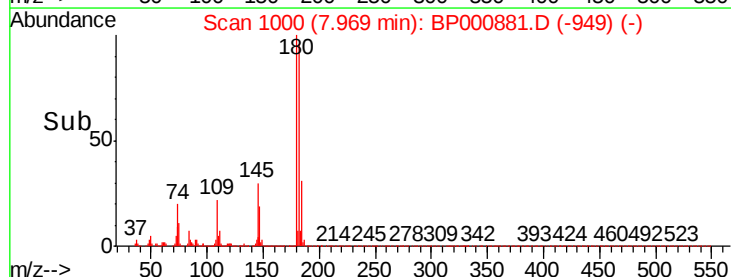
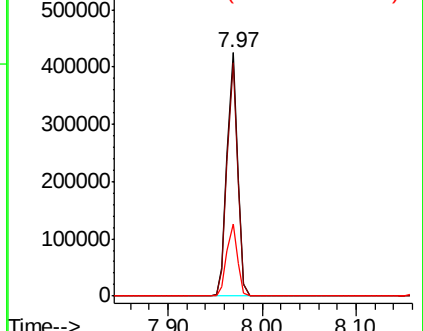
145 29.6 23.1 34.7

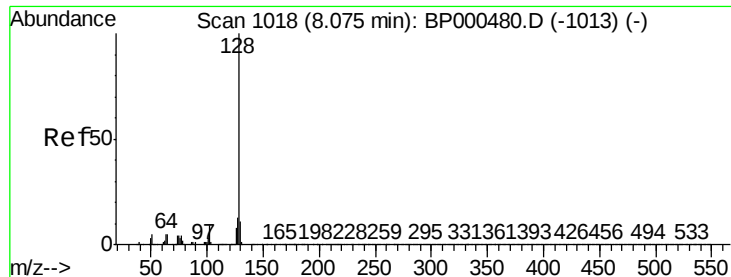


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

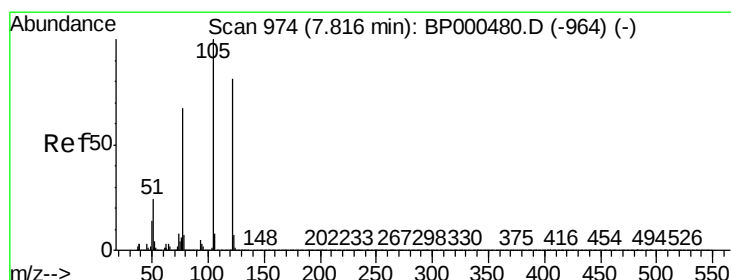
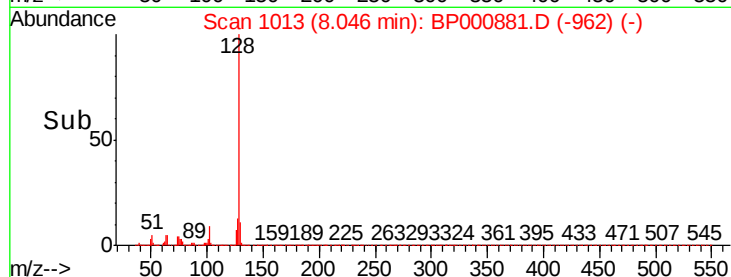
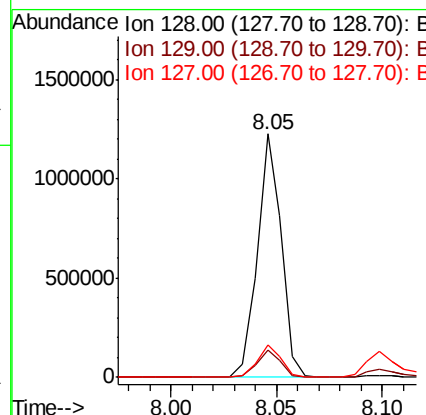
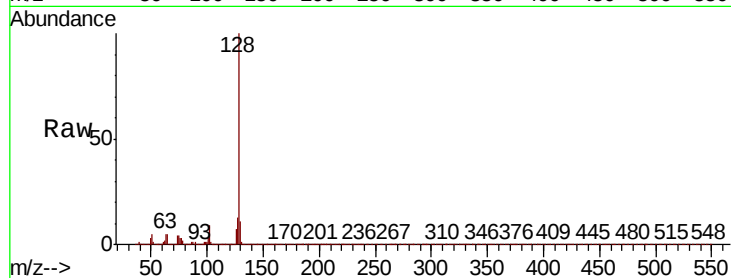




#31
Naphthalene
Concen: 37.765 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

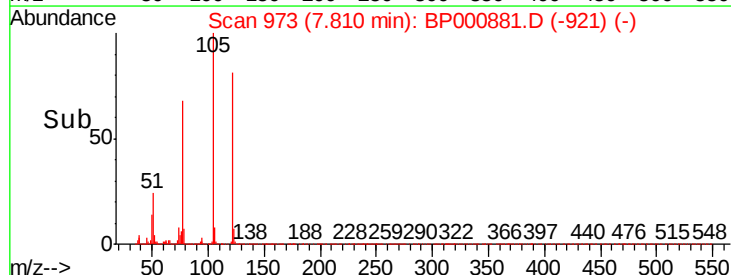
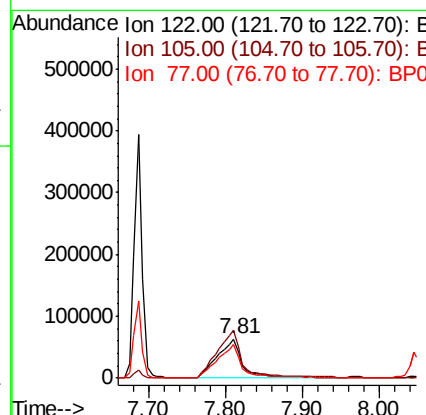
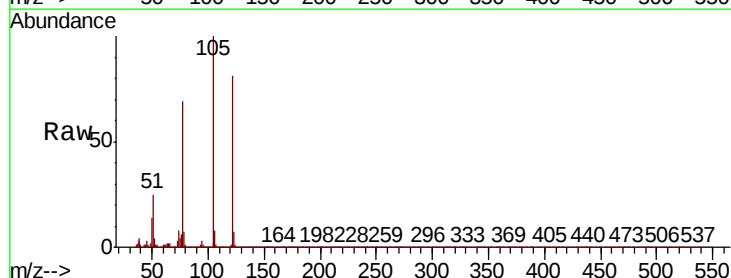
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

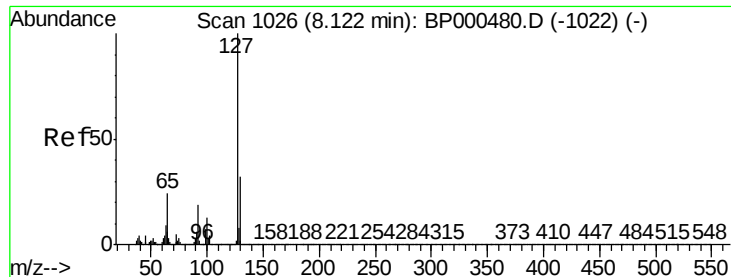
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.8	16.2



#32
Benzoic acid
Concen: 32.722 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	104.9	144.9
77	84.4	63.6	103.6

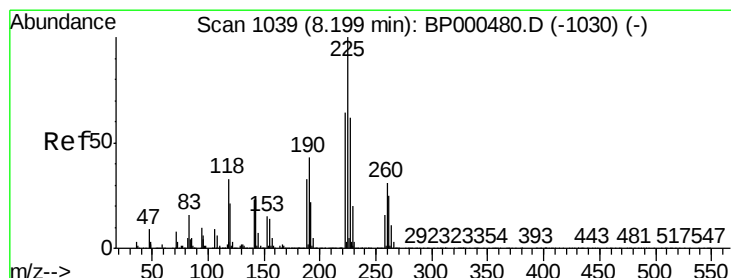
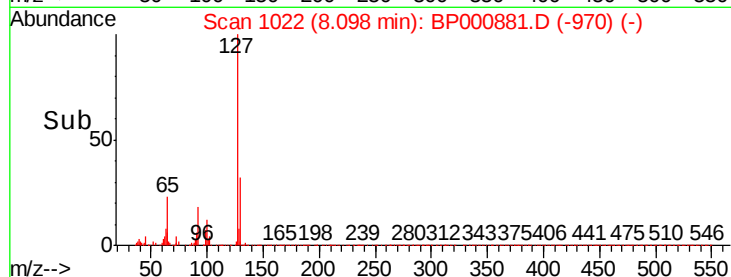
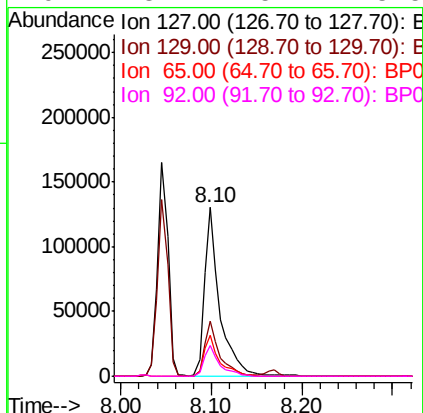
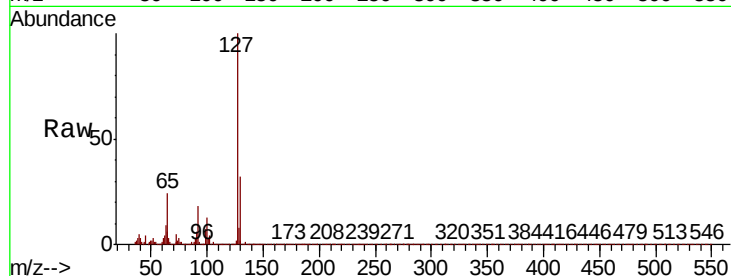




#33
4-Chloroaniline
Concen: 13.741 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

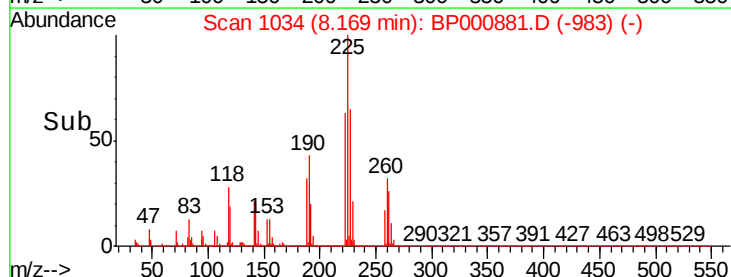
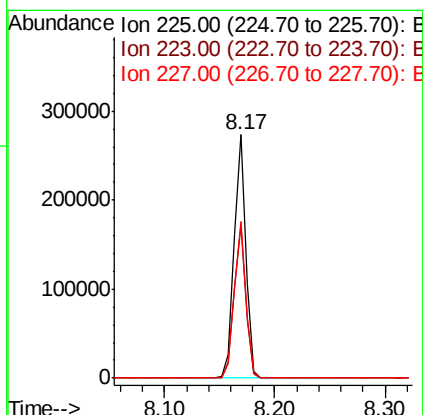
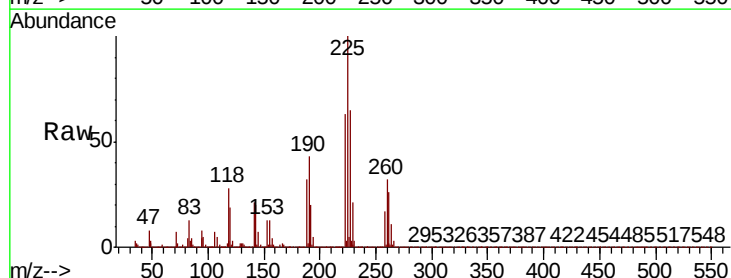
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

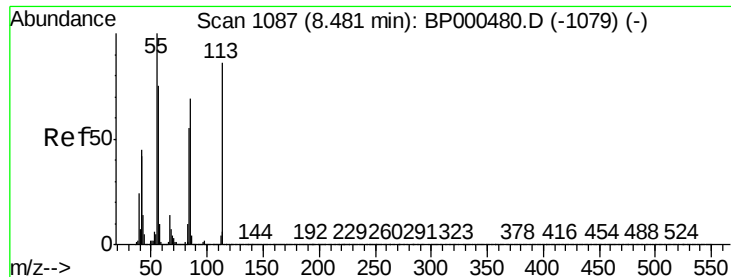
Tot Ion:	127	Resp:	153630
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	24.1	20.4	30.6
92	18.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 36.615 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:	225	Resp:	203937
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	64.6	51.7	77.5





#35

Caprolactam

Concen: 25.628 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

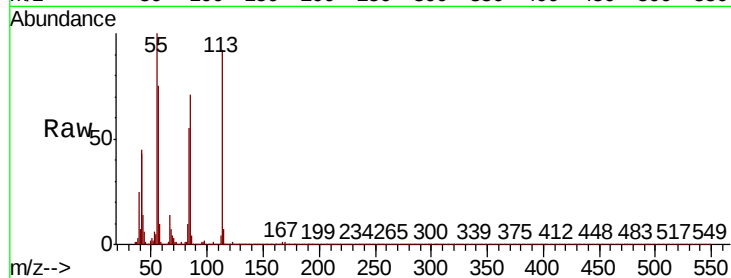
Tot Ion:113 Resp: 67362

Ion Ratio Lower Upper

113 100

55 109.2 92.1 132.1

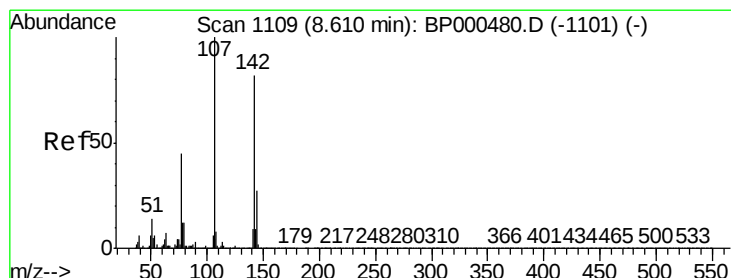
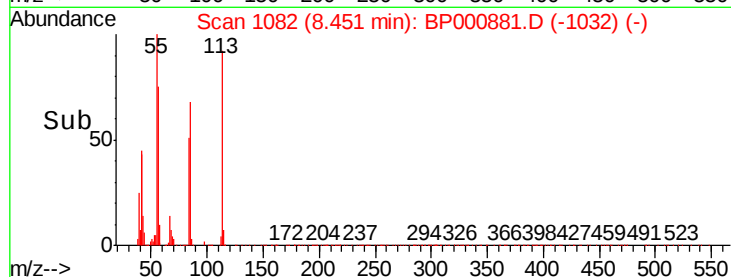
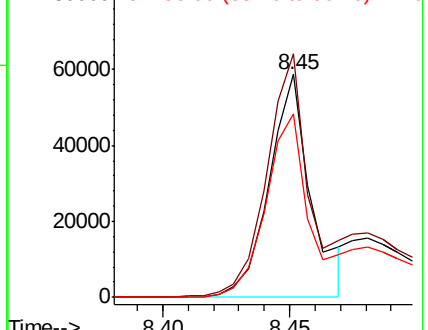
56 82.1 66.3 106.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 38.547 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

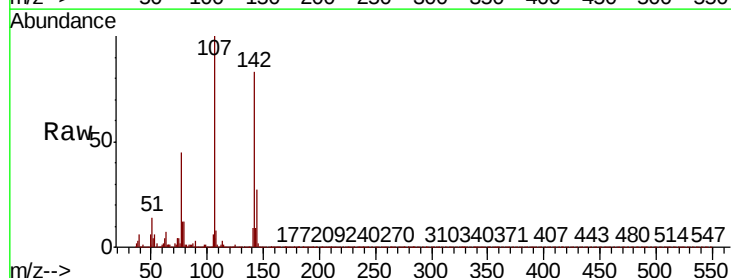
Tgt Ion:107 Resp: 296271

Ion Ratio Lower Upper

107 100

144 27.2 20.9 31.3

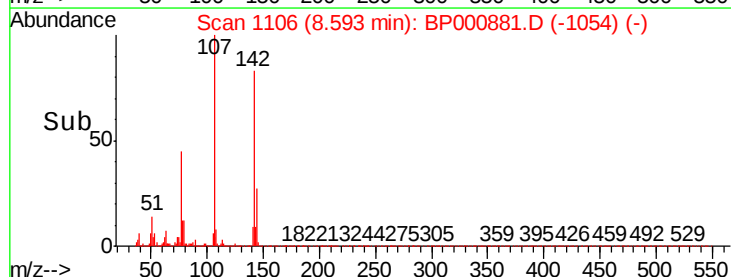
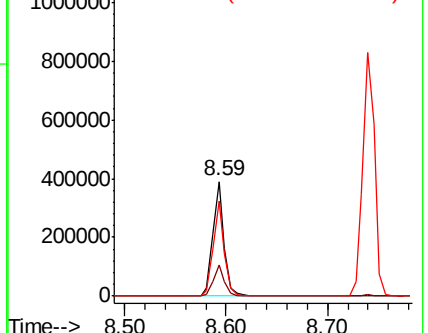
142 82.9 63.5 95.3

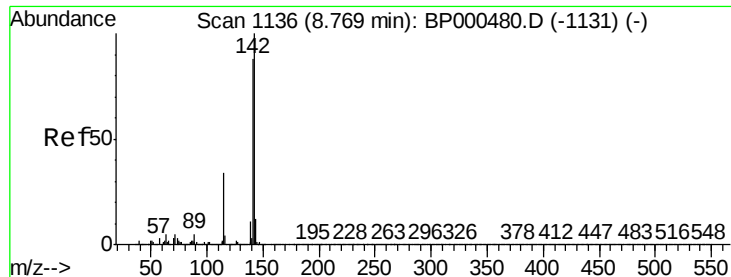


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.170 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

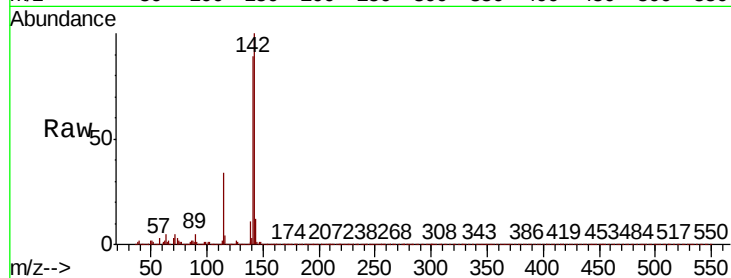
Tot Ion:142 Resp: 669566

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4

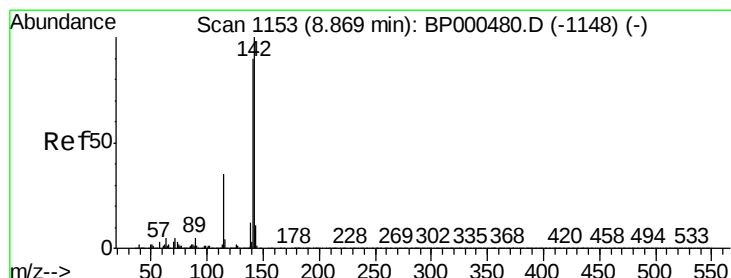
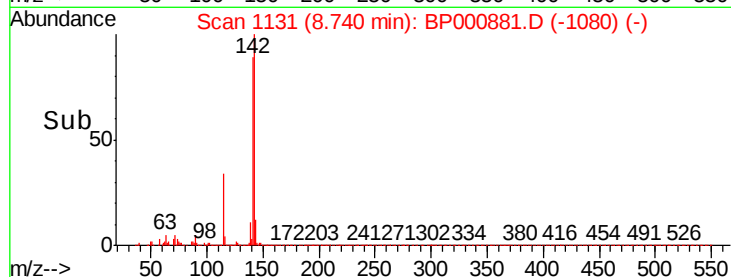
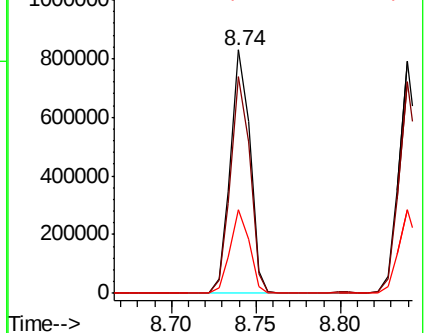
115 34.5 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.485 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

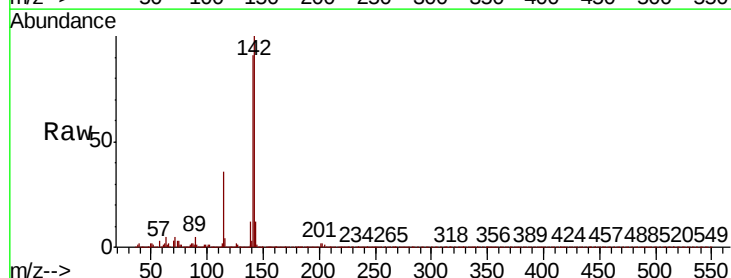
Tgt Ion:142 Resp: 621592

Ion Ratio Lower Upper

142 100

141 91.1 74.6 111.8

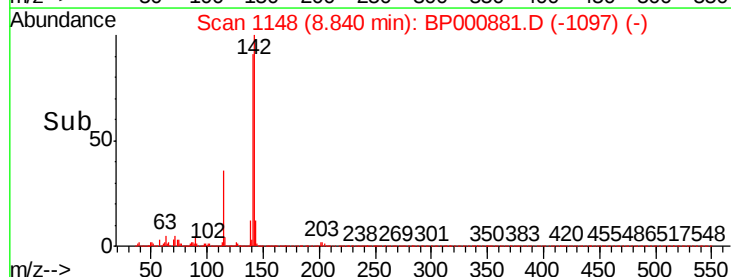
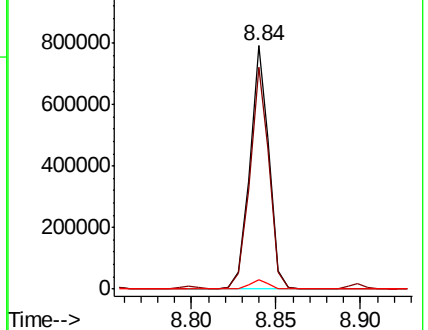
116 3.8 2.9 4.3

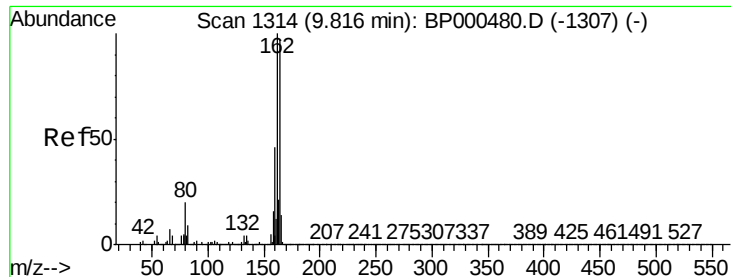


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

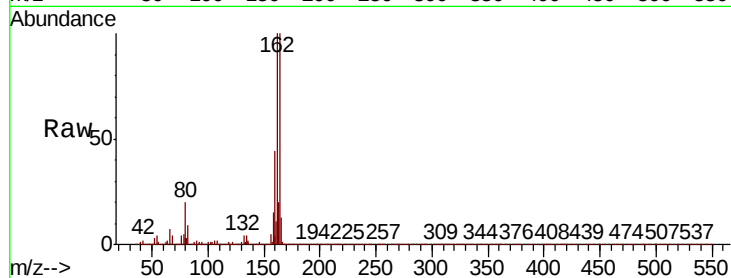
Tot Ion:164 Resp: 306422

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 44.1 35.4 53.2

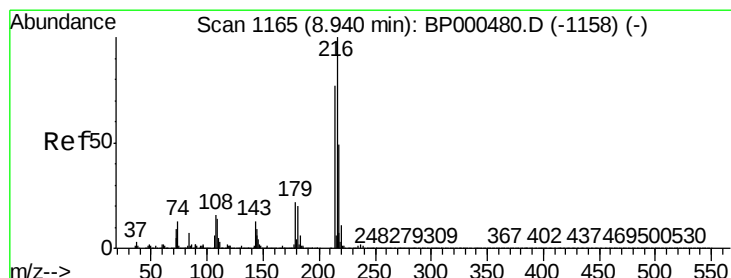
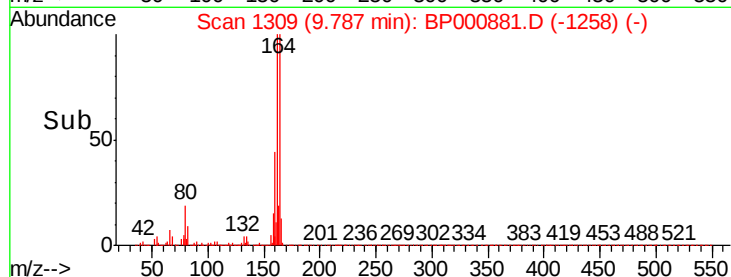
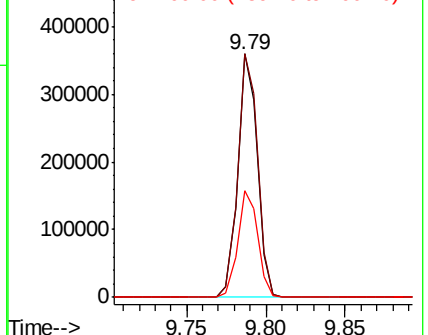


Abundance

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: 36.289 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:216 Resp: 351960

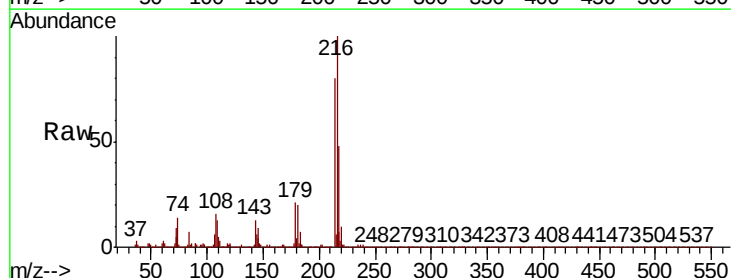
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 20.6 16.8 25.2

108 16.5 13.7 20.5



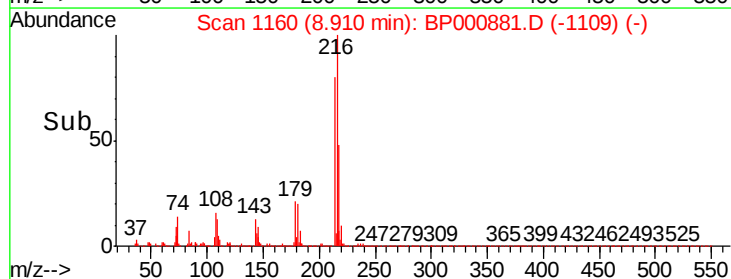
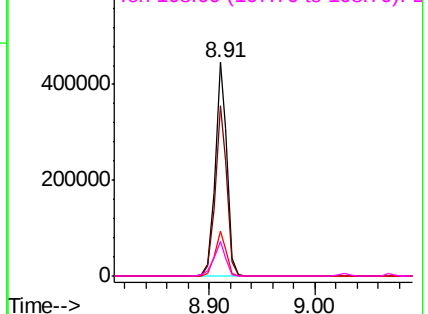
Abundance

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: 33.296 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

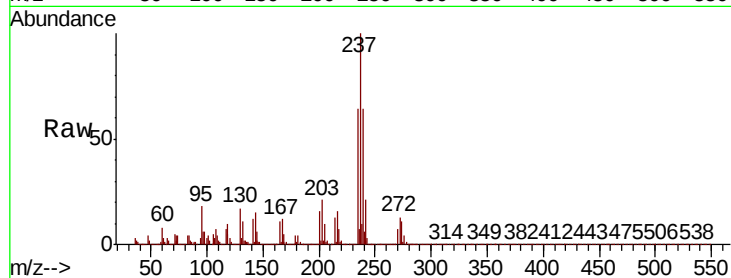
Tot Ion:237 Resp: 111062

Ion Ratio Lower Upper

237 100

235 63.7 42.3 82.3

272 13.2 0.0 33.6

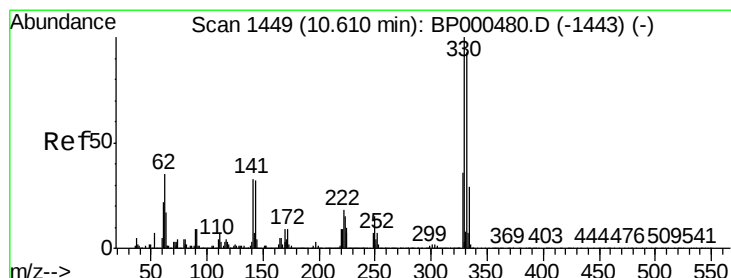
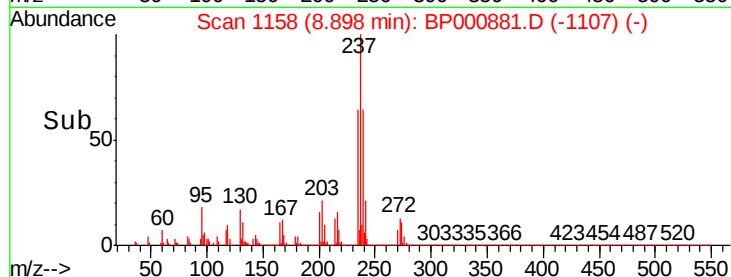
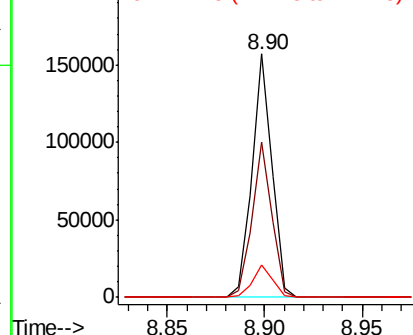


Abundance

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: 121.545 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

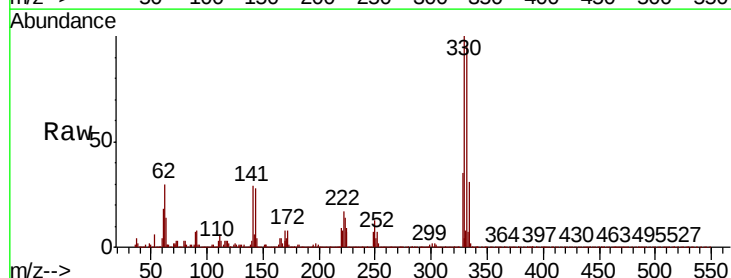
Tgt Ion:330 Resp: 396880

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

141 29.2 23.7 35.5

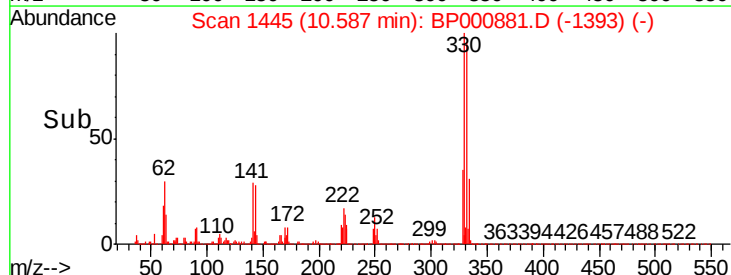
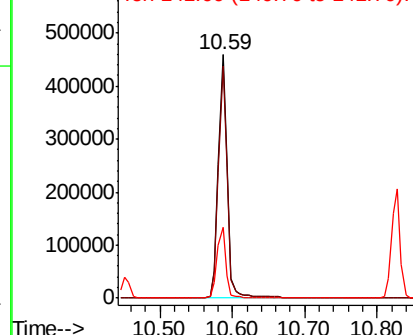


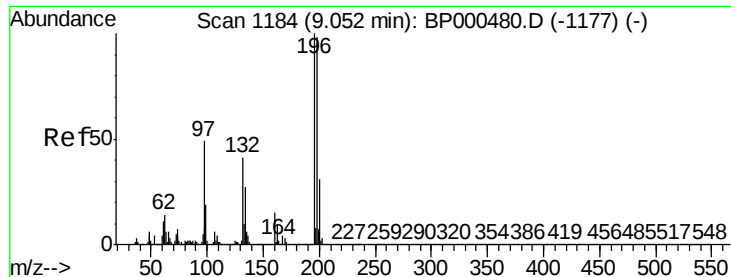
Abundance

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

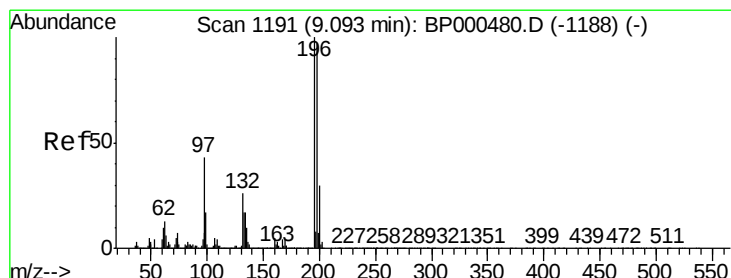
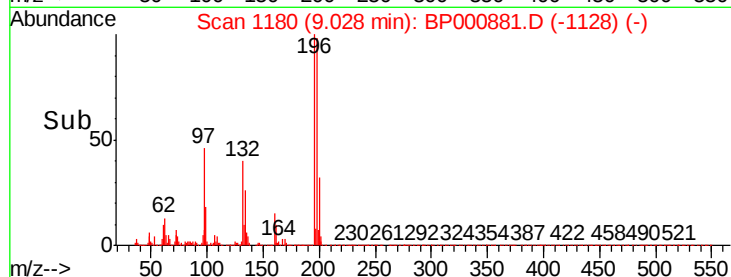
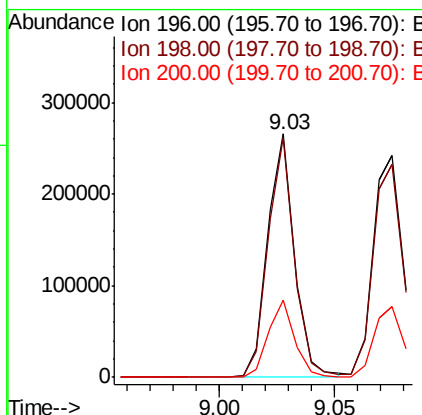
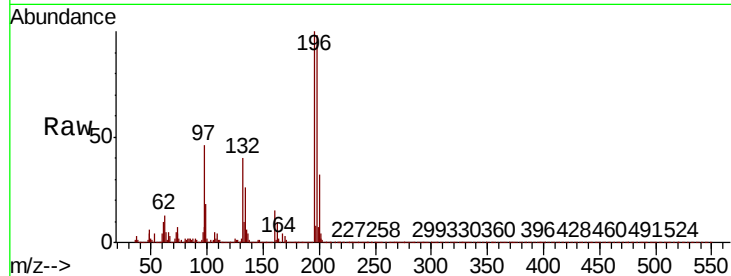




#43
 2,4,6-Trichlorophenol
 Concen: 35.980 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

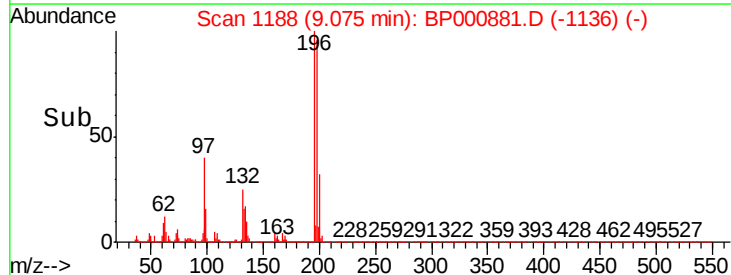
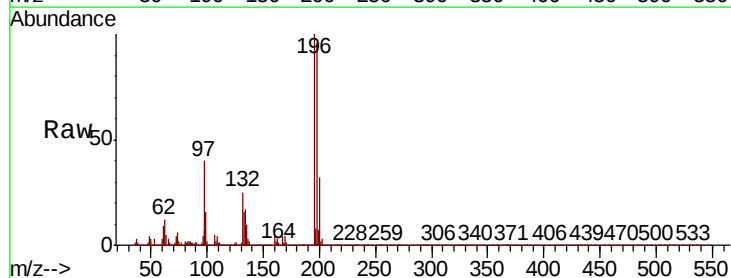
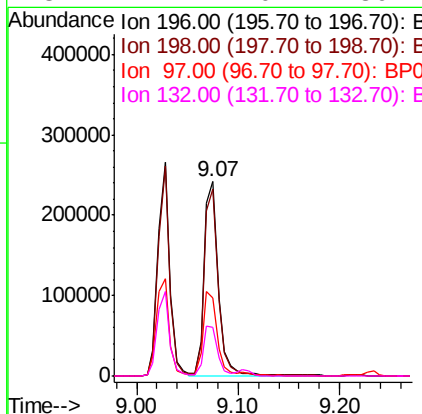
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.7	113.5
200	31.9	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.905 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.2	115.8
97	40.0	33.0	49.6
132	24.7	20.2	30.2

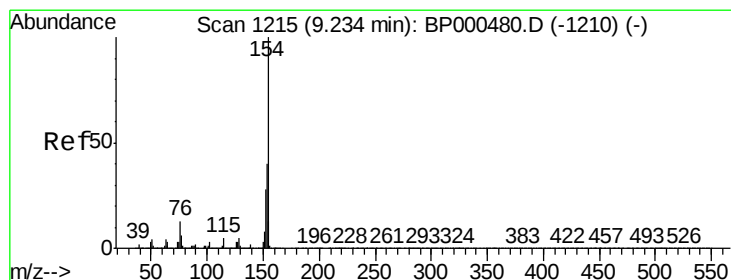
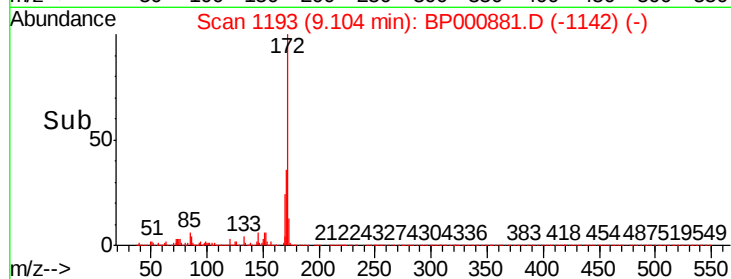
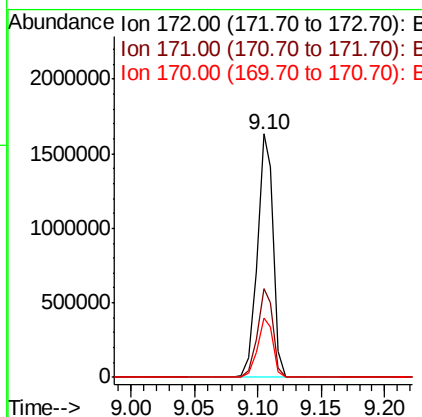
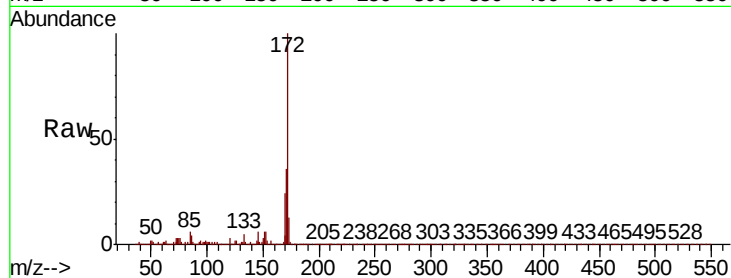




#45
2-Fluorobiphenyl
Concen: 75.944 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

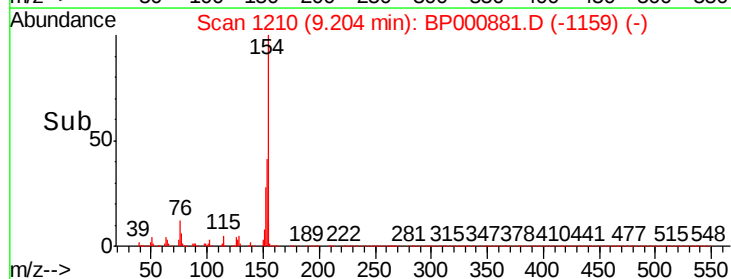
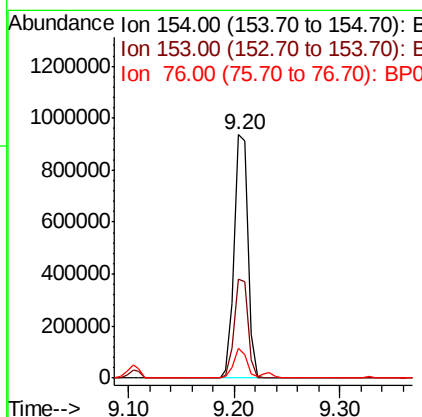
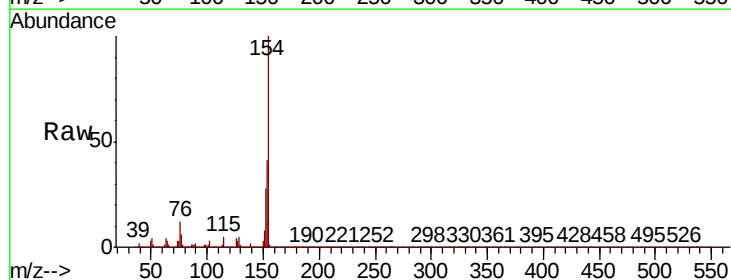
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

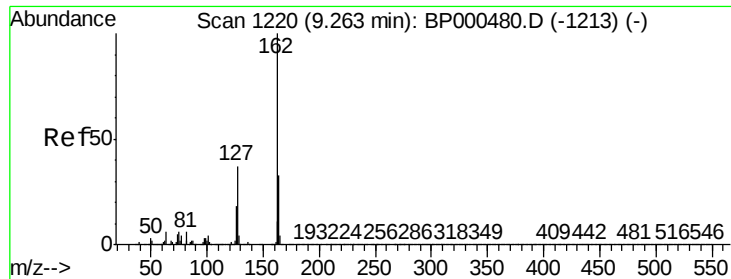
Tot Ion:172 Resp: 1438255
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 35.825 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:154 Resp: 828622
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 12.4 0.0 31.6

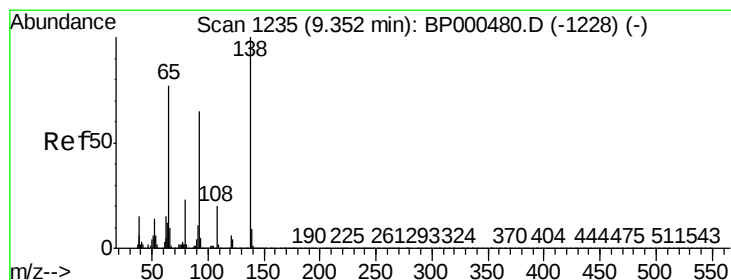
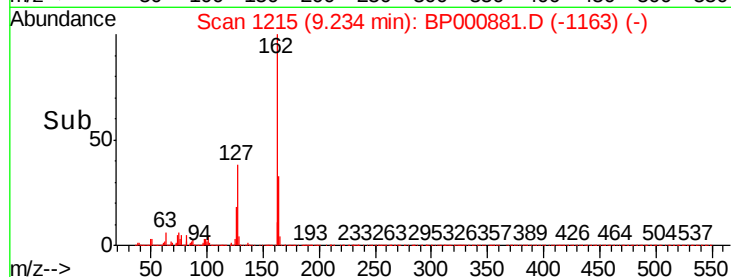
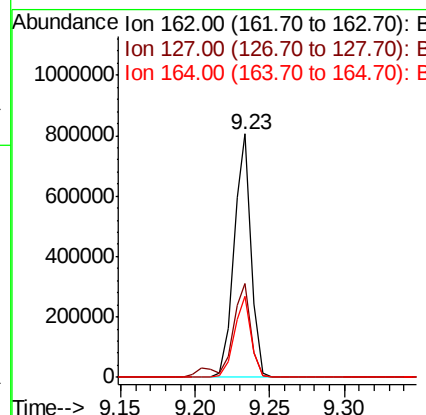
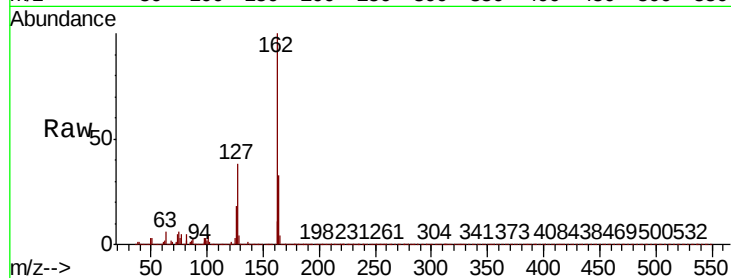




#47
2-Chloronaphthalene
Concen: 36.298 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

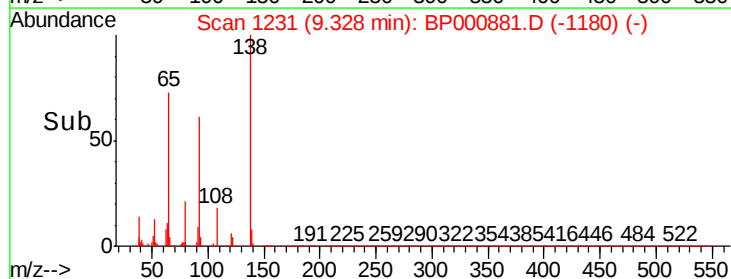
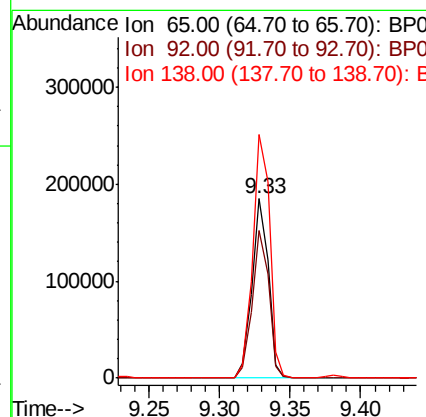
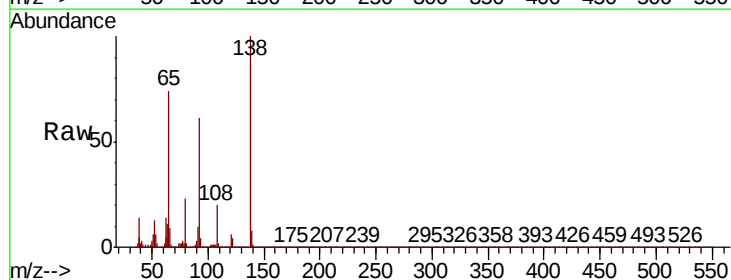
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

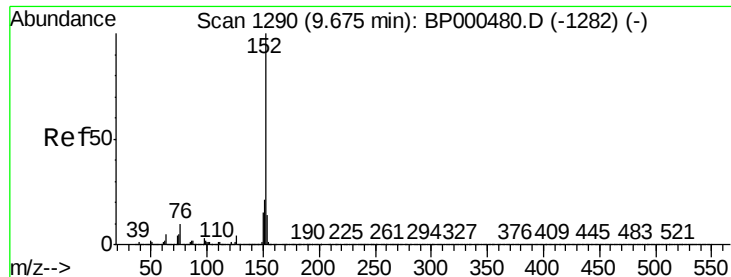
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.0	48.0
164	33.3	26.0	39.0



#48
2-Nitroaniline
Concen: 34.669 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.5	68.2	102.2
138	135.9	115.4	173.2





#49

Acenaphthylene

Concen: 38.115 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

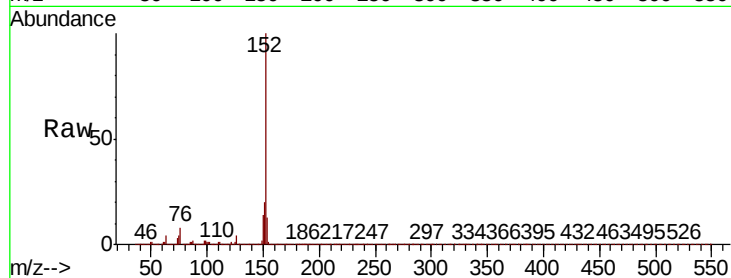
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:152 Resp: 1028462

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.9	10.7	16.1

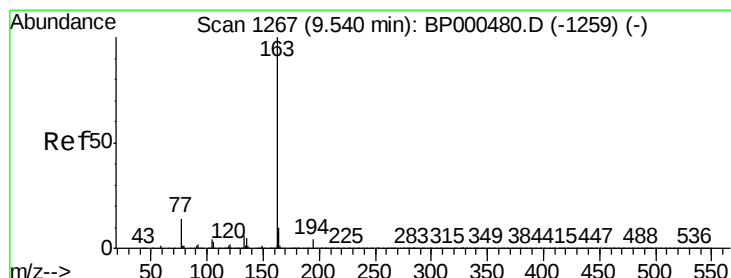
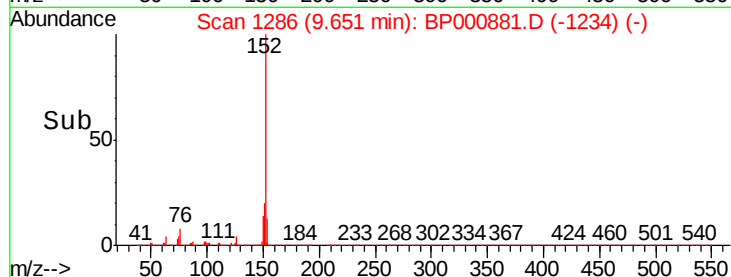
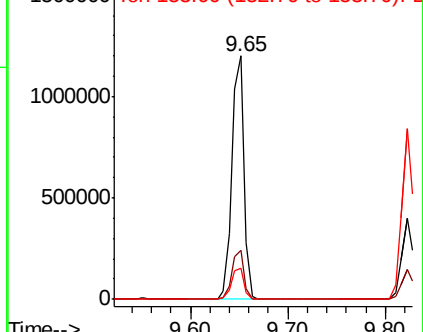


Abundance

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: 48.598 ng

RT: 9.51 min Scan# 1262

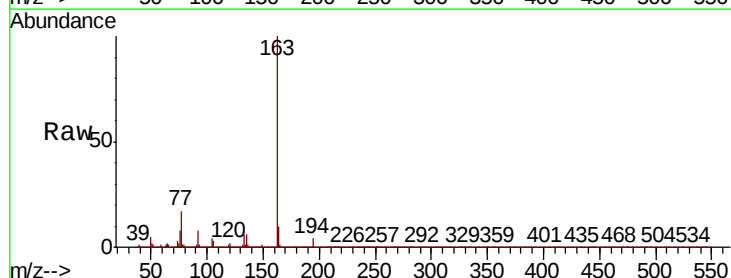
Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:163 Resp: 1034744

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.3	12.5

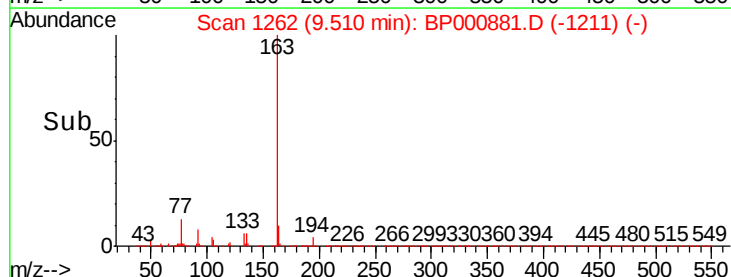
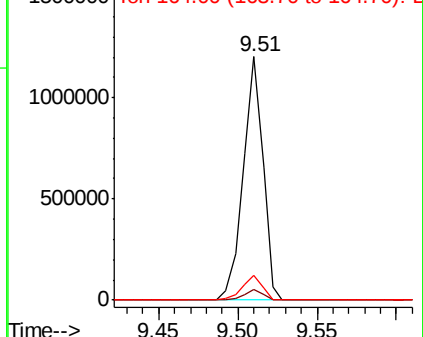


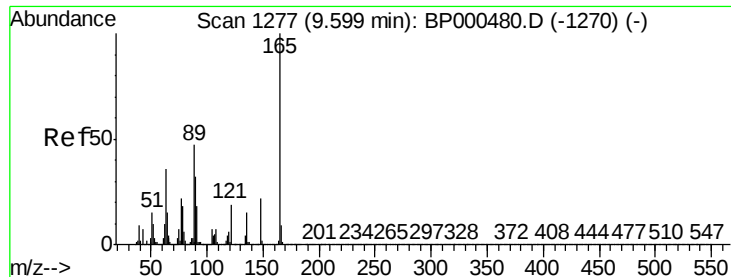
Abundance

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

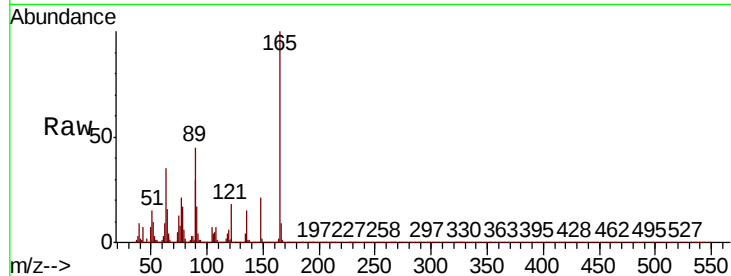




#51
 2,6-Dinitrotoluene
 Concen: 37.586 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	33.6	50.4
89	45.0	40.8	61.2

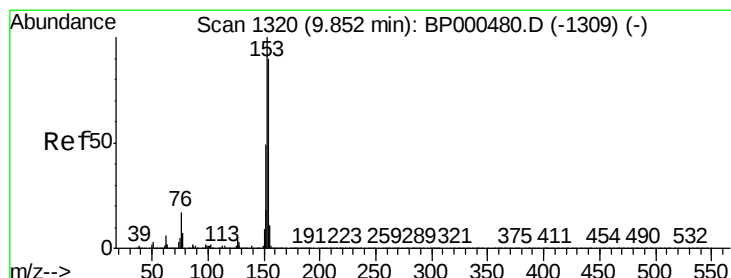
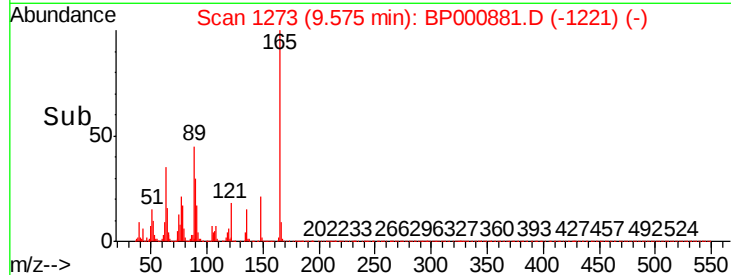
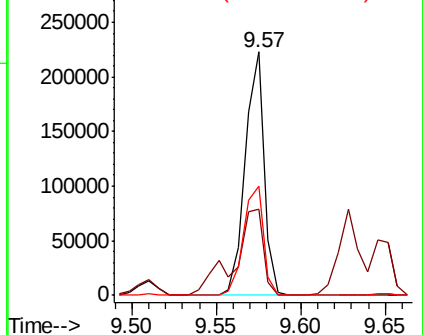


Abundance

Ion 165.00 (164.70 to 165.70): E

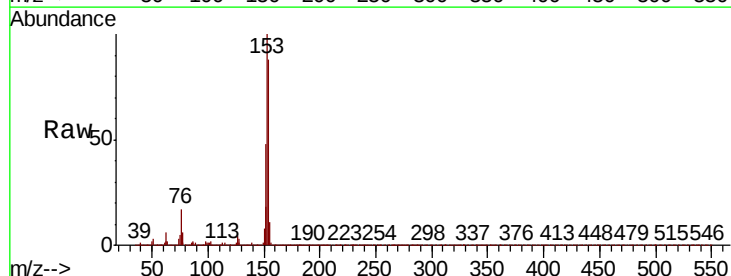
Ion 63.00 (62.70 to 63.70): BPO

Ion 89.00 (88.70 to 89.70): BPO



#52
 Acenaphthene
 Concen: 36.113 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.4	135.6
152	53.8	42.5	63.7

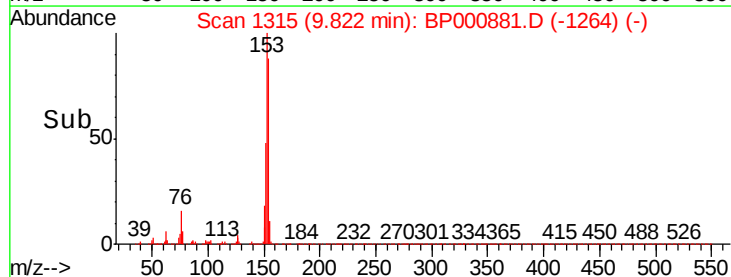
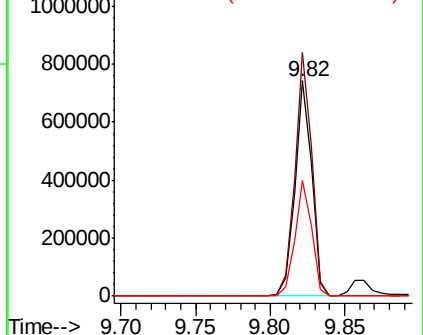


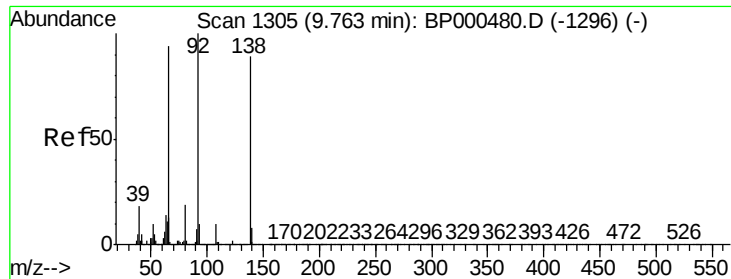
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

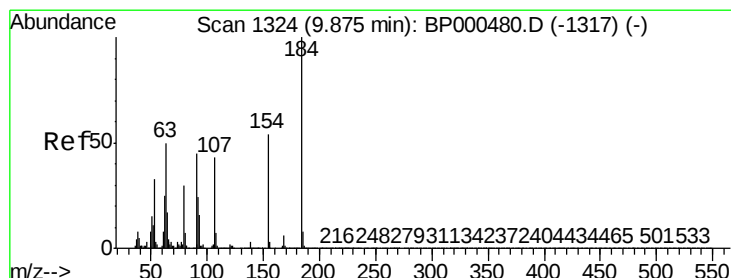
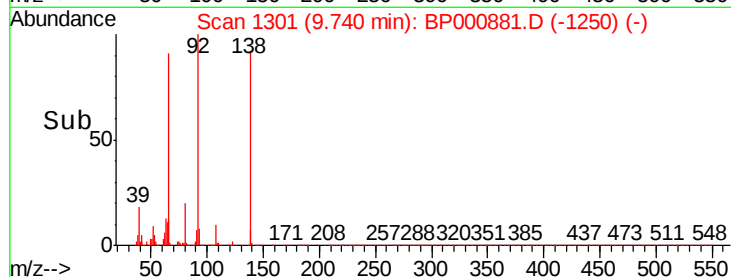
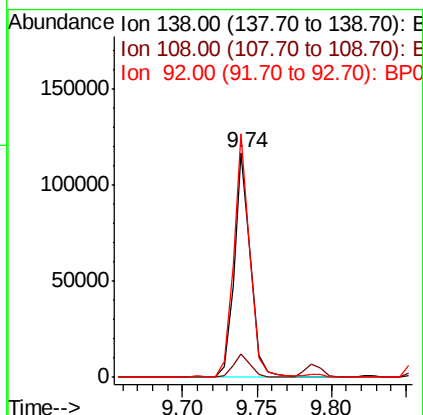
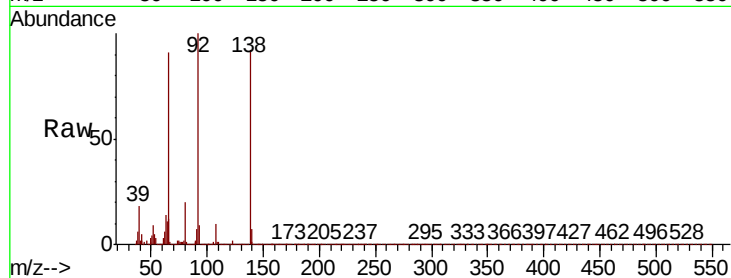




#53
3-Nitroaniline
Concen: 16.787 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

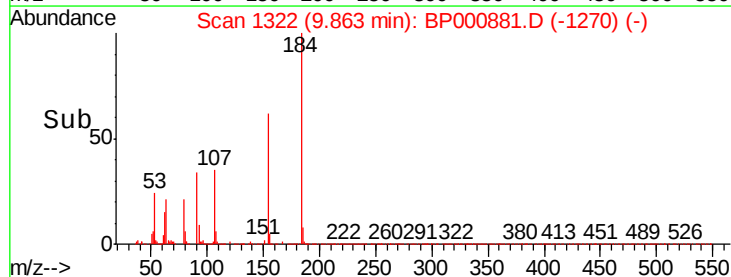
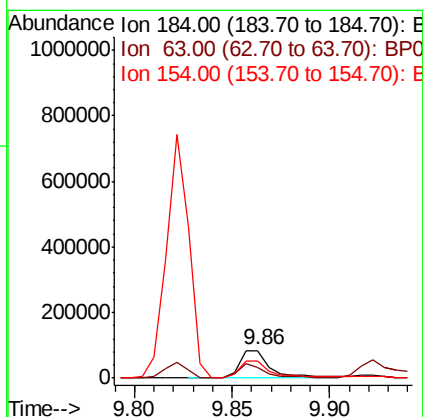
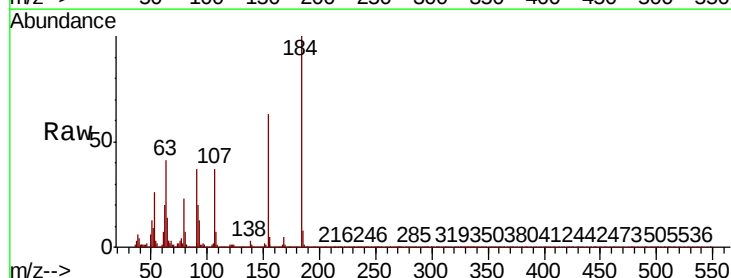
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

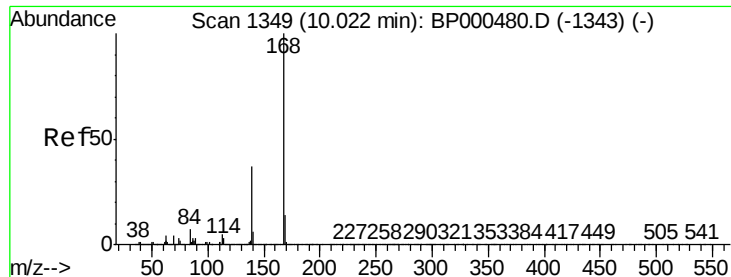
Tot Ion:138 Resp: 89309
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 108.4 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 60.786 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:184 Resp: 94178
Ion Ratio Lower Upper
184 100
63 40.5 35.4 53.2
154 62.6 49.0 73.4





#55

Dibenzofuran

Concen: 38.450 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

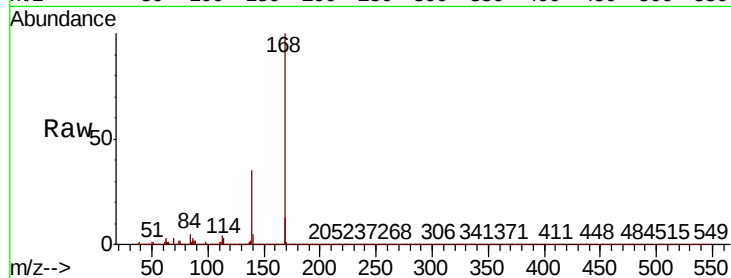
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:168 Resp: 940790

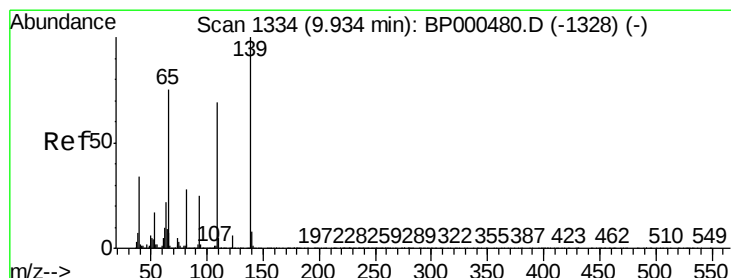
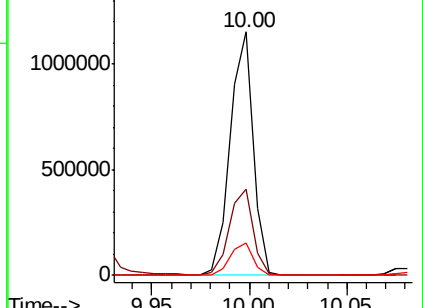
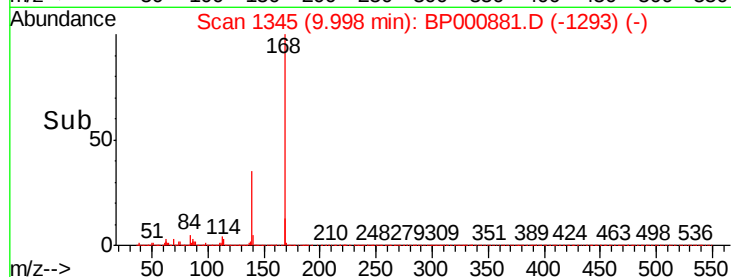
Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.8	44.6
169	13.1	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.862 ng

RT: 9.92 min Scan# 1332

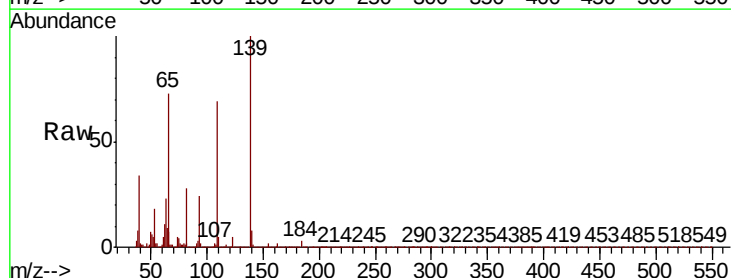
Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:139 Resp: 213518

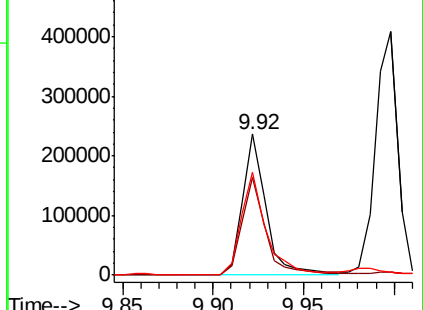
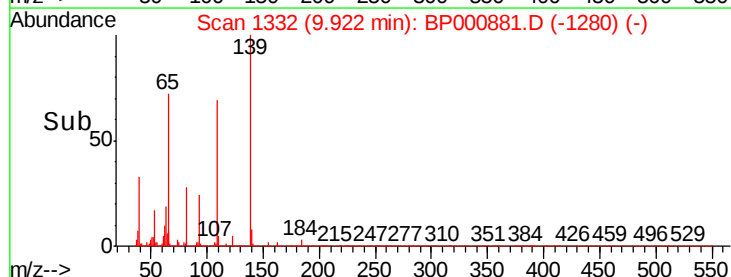
Ion	Ratio	Lower	Upper
139	100		
109	69.5	48.4	88.4
65	72.8	52.6	92.6

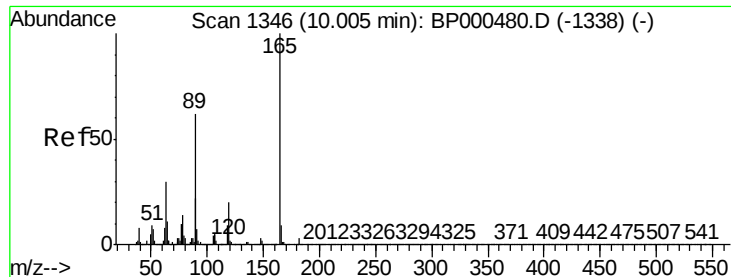


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

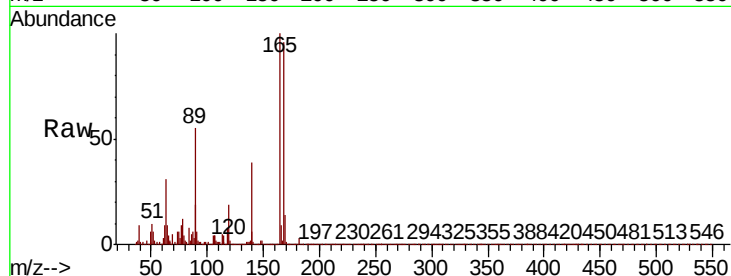




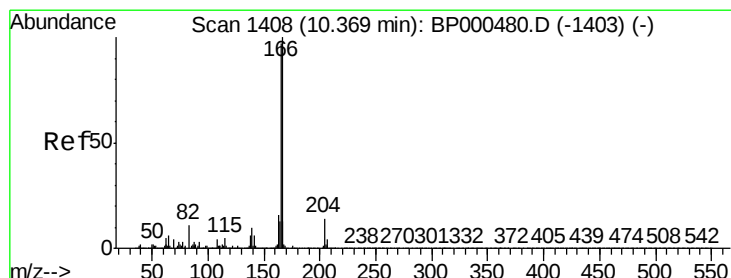
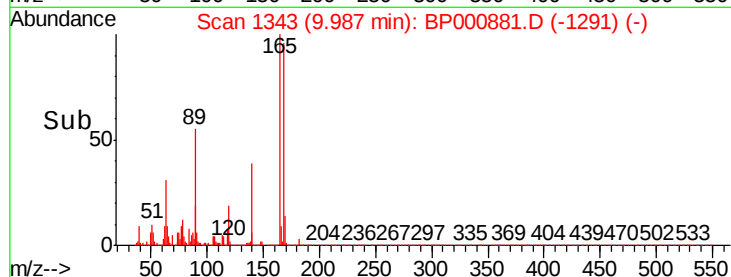
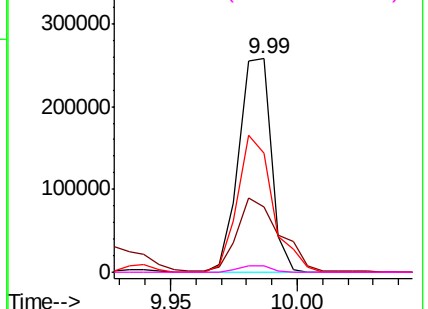
#57
2,4-Dinitrotoluene
Concen: 37.422 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:165	Resp:	230383
Ion	Ratio	Lower Upper
165	100	
63	30.6	25.4 38.2
89	55.5	49.2 73.8
182	3.1	2.3 3.5

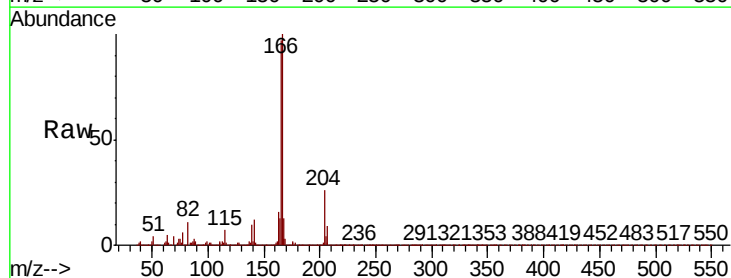


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

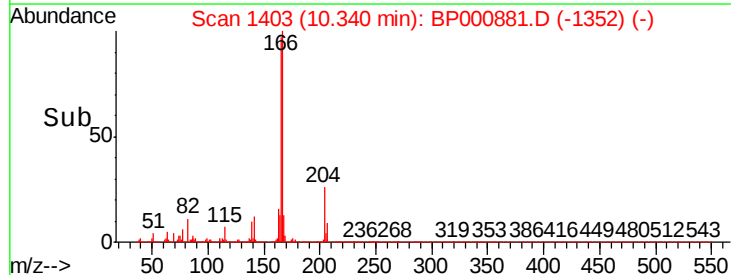
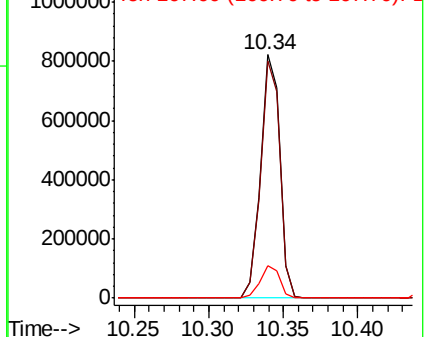


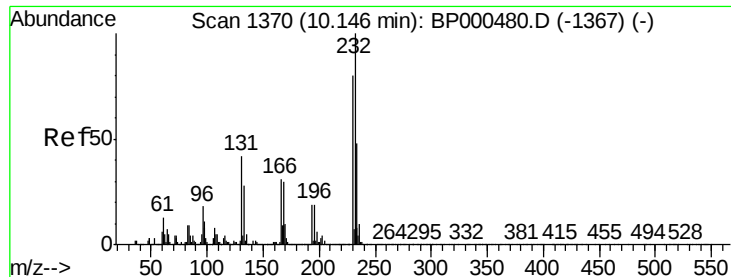
#58
Fluorene
Concen: 41.434 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:166	Resp:	722539
Ion	Ratio	Lower Upper
166	100	
165	97.3	78.4 117.6
167	13.5	10.6 15.8



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

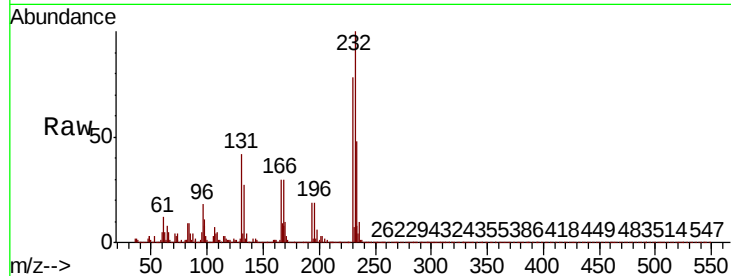




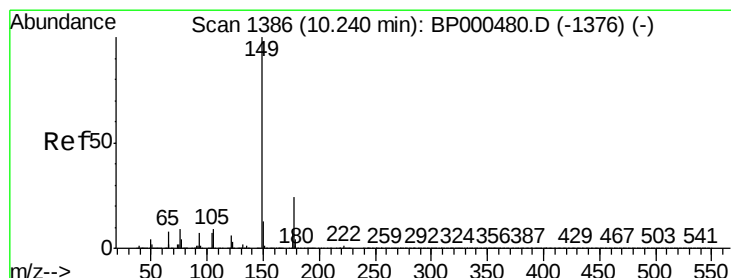
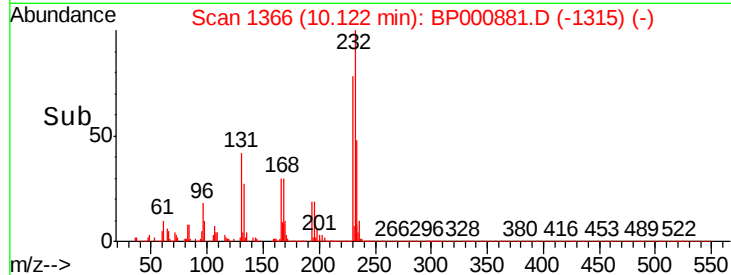
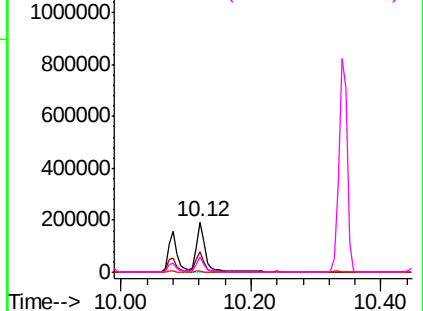
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.326 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:	232	Resp:	194502
Ion	Ratio	Lower	Upper
232	100		
131	35.5	31.5	47.3
130	1.8	1.6	2.4
166	26.8	22.0	33.0

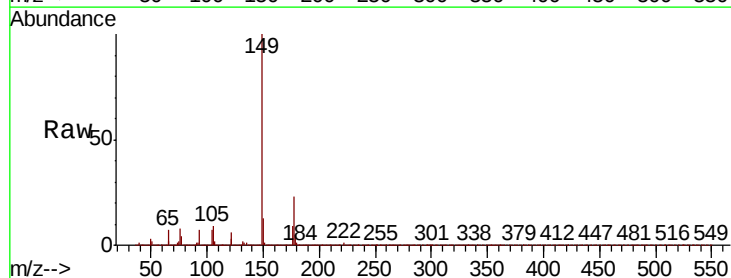


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

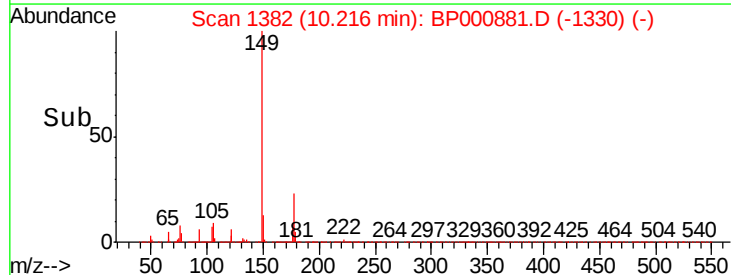
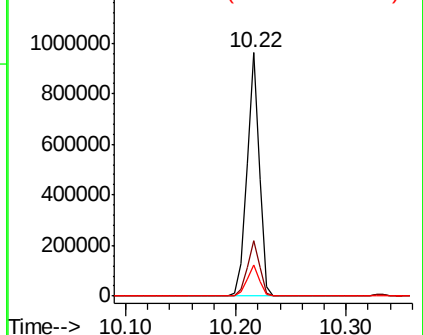


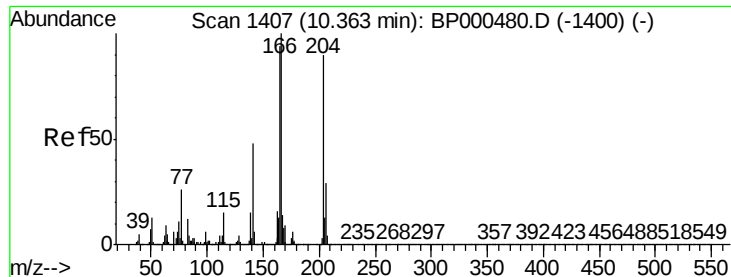
#60
Diethylphthalate
Concen: 37.261 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:	149	Resp:	753106
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

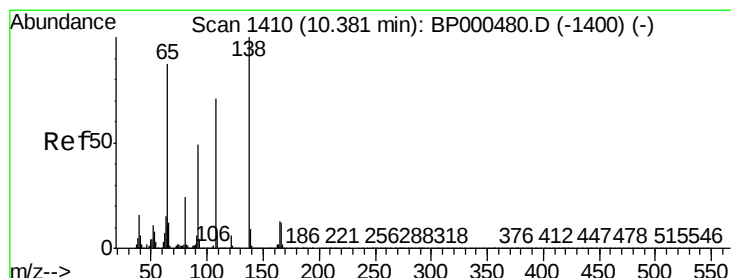
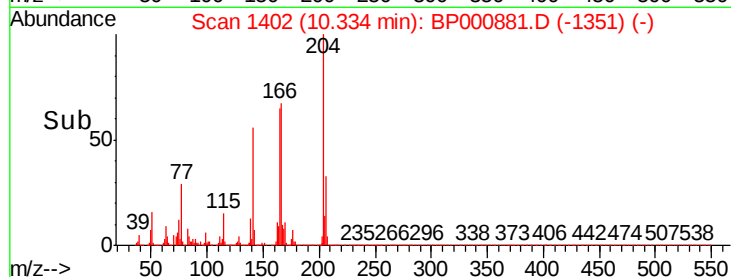
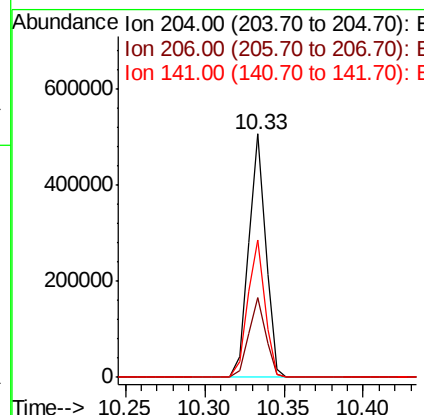
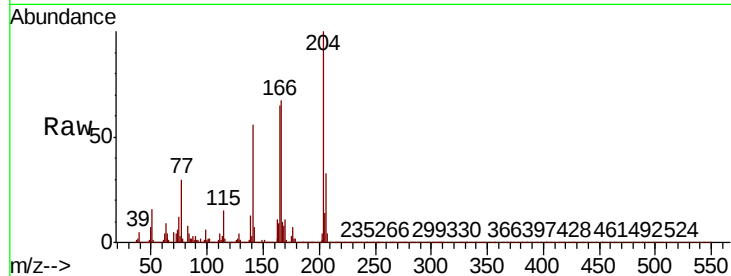




#61
4-Chlorophenyl-phenylether
Concen: 40.156 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

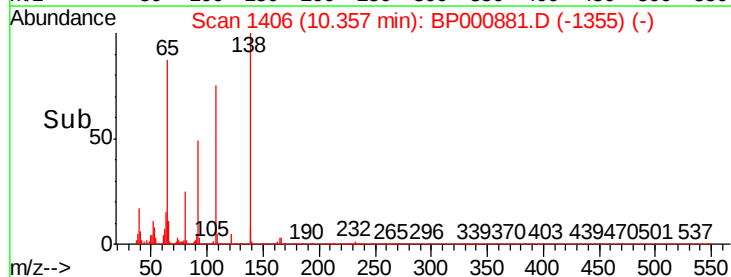
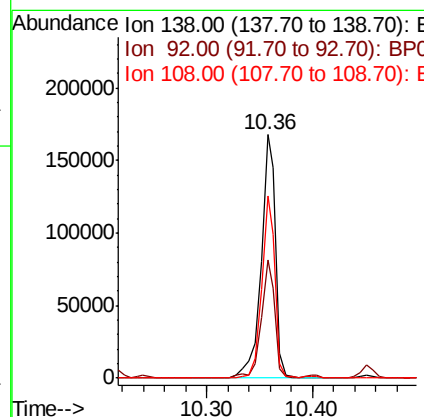
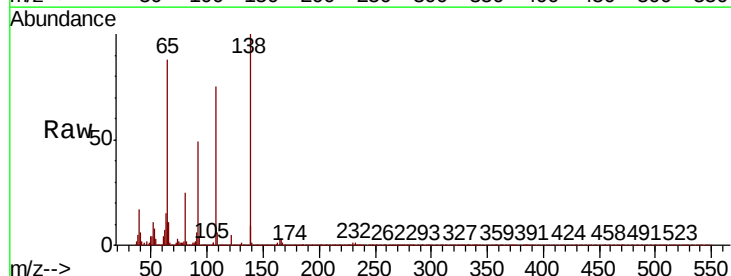
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:204 Resp: 376554
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 56.3 41.7 62.5



#62
4-Nitroaniline
Concen: 31.763 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:138 Resp: 162522
Ion Ratio Lower Upper
138 100
92 48.7 26.9 66.9
108 74.9 53.3 93.3

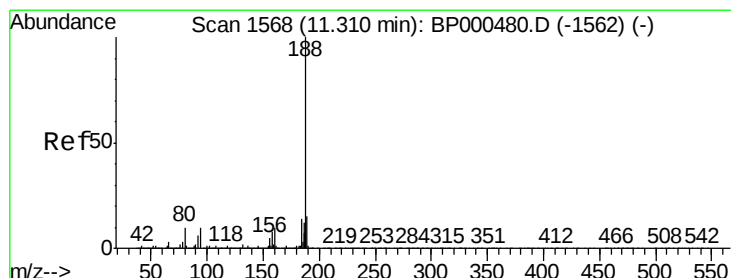
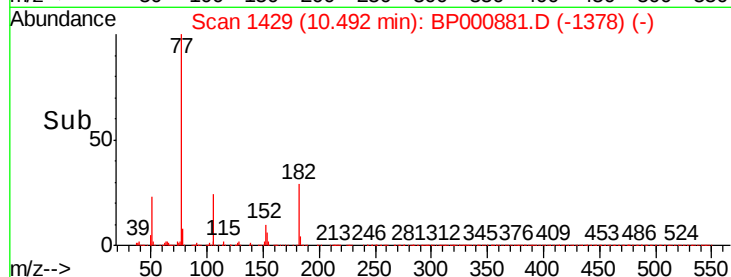
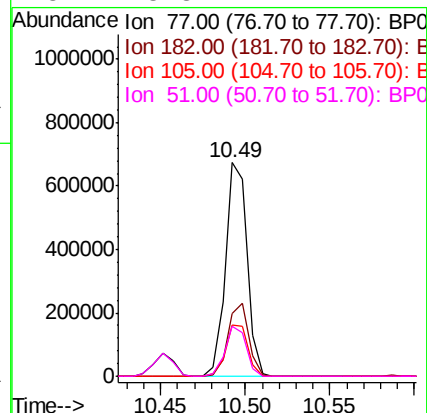
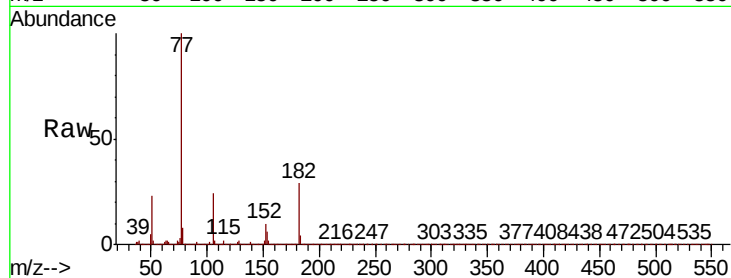




#63
Azobenzene
Concen: 38.504 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

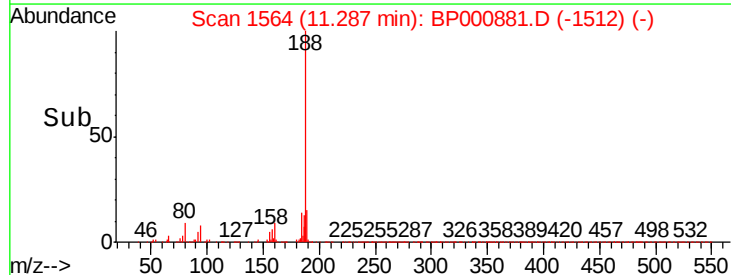
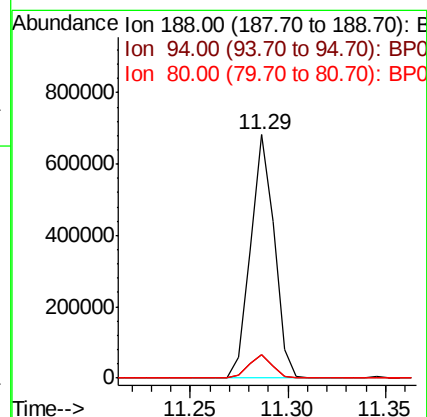
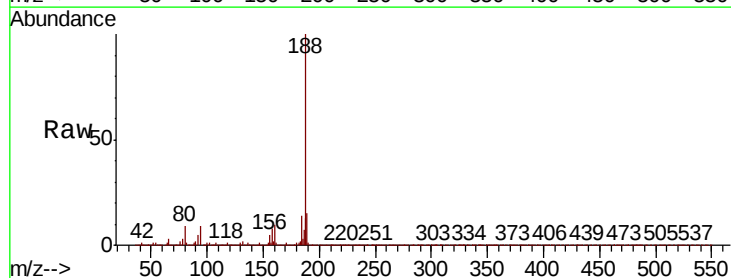
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

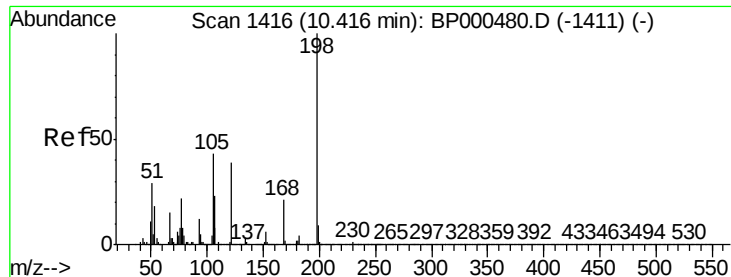
Tot Ion:	77	Resp:	597496
Ion	Ratio	Lower	Upper
77	100		
182	29.3	11.8	51.8
105	23.8	4.3	44.3
51	23.3	2.7	42.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:	188	Resp:	574781
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	9.5	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 33.526 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

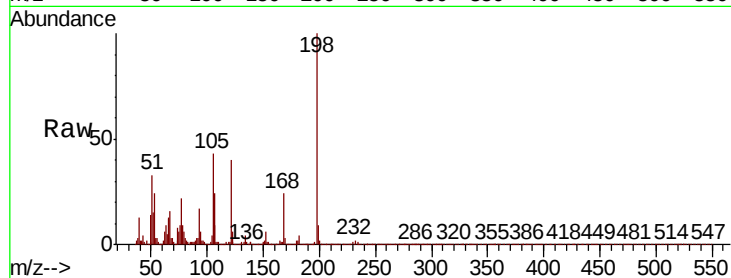
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:198 Resp: 85424

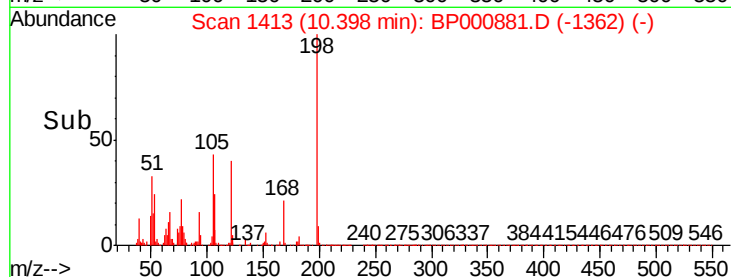
Ion	Ratio	Lower	Upper
198	100		
51	32.9	7.3	47.3
105	43.1	18.4	58.4



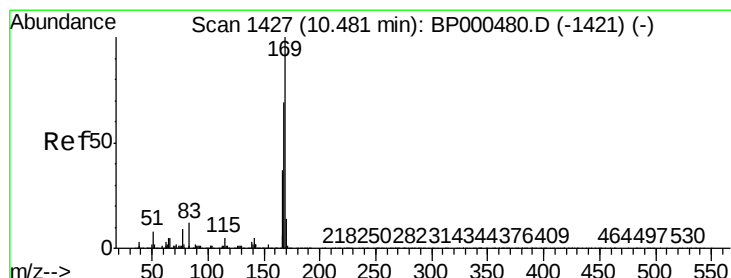
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.230 ng

RT: 10.45 min Scan# 1422

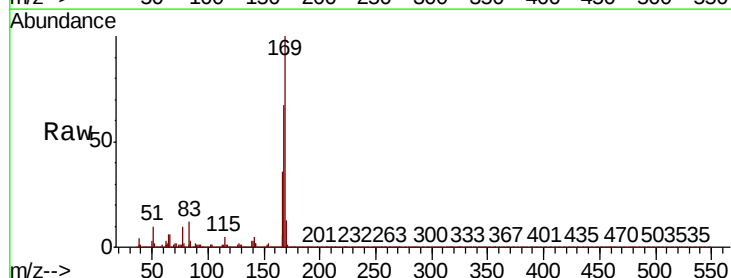
Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:169 Resp: 639985

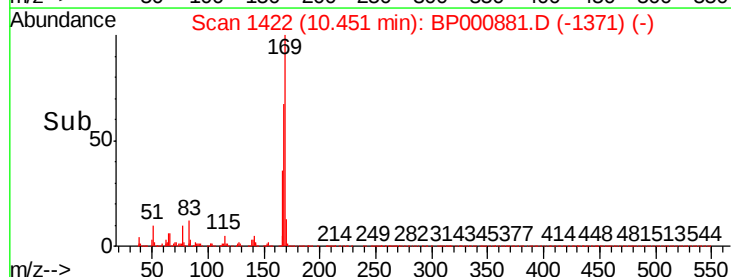
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	35.9	28.6	43.0



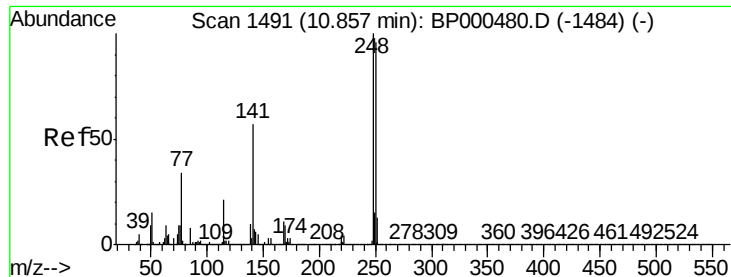
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



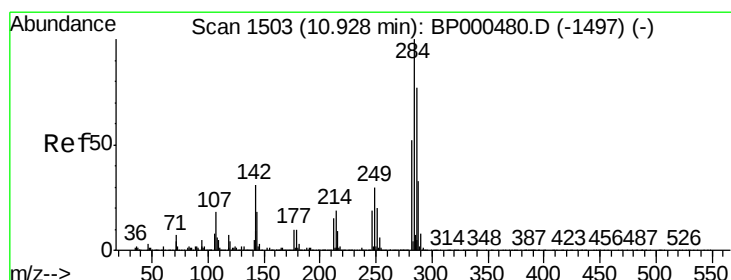
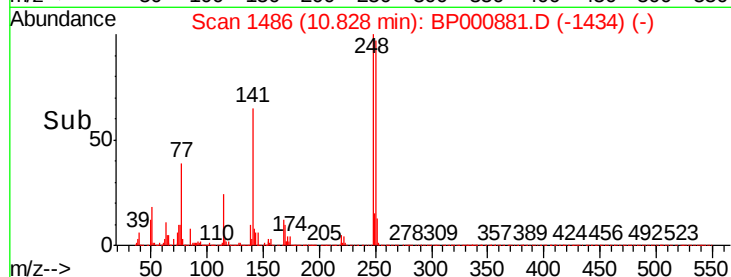
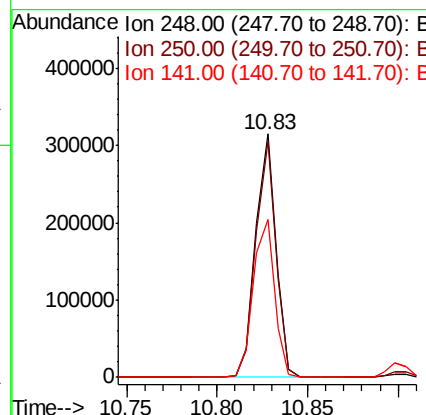
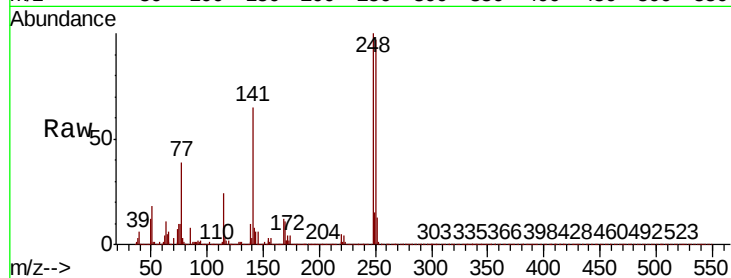
Time-->



#67
4-Bromophenyl-phenylether
Concen: 38.066 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

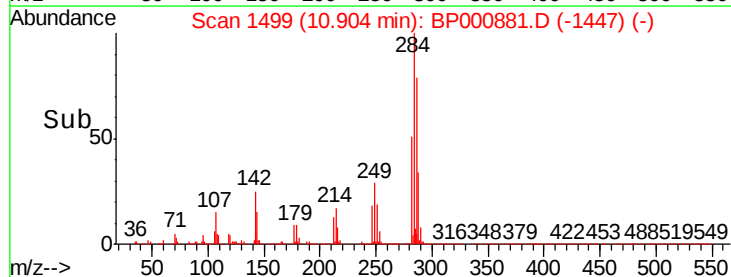
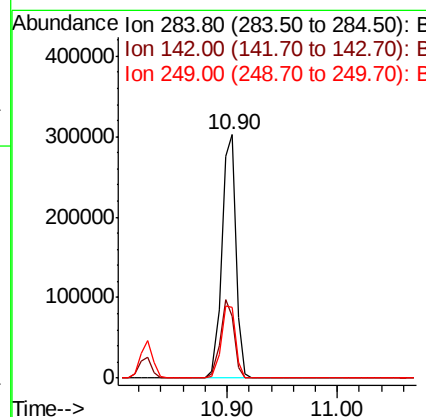
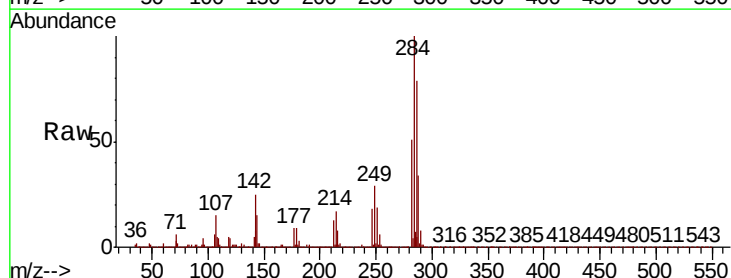
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

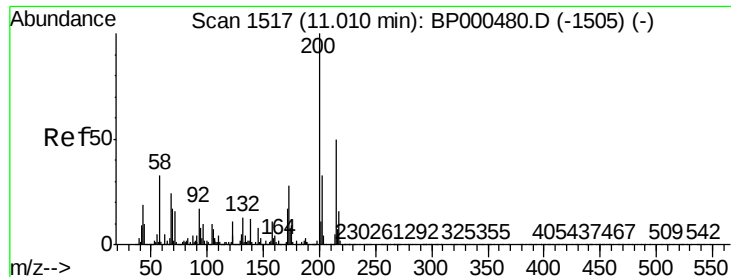
Tot Ion:248 Resp: 246293
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 65.1 57.4 86.0



#68
Hexachlorobenzene
Concen: 36.135 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:284 Resp: 265684
Ion Ratio Lower Upper
284 100
142 25.3 26.2 39.4#
249 29.2 25.8 38.8





#69

Atrazine

Concen: 37.036 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

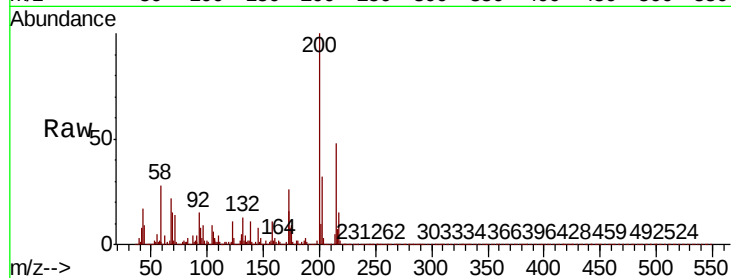
Tot Ion:200 Resp: 203466

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

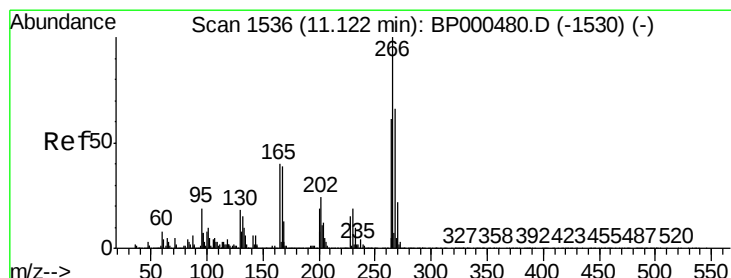
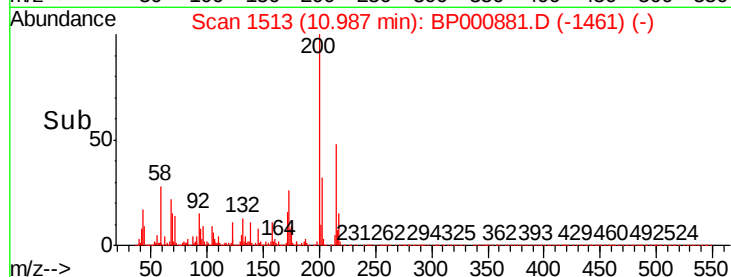
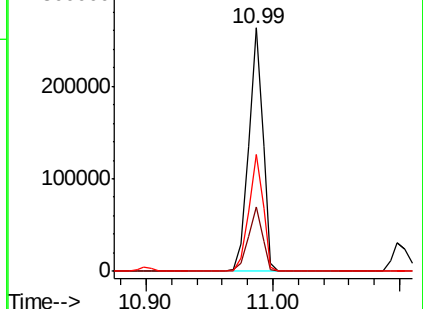
215 48.1 29.2 69.2



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: 66.487 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

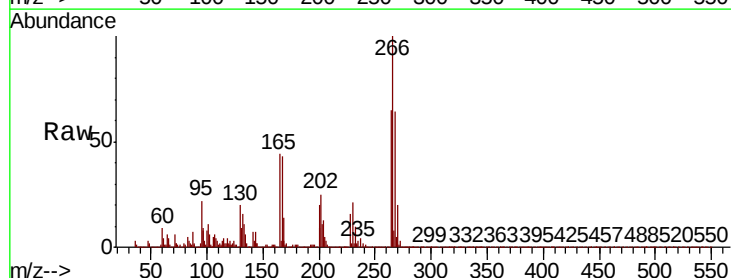
Tgt Ion:266 Resp: 196343

Ion Ratio Lower Upper

266 100

268 64.0 51.9 77.9

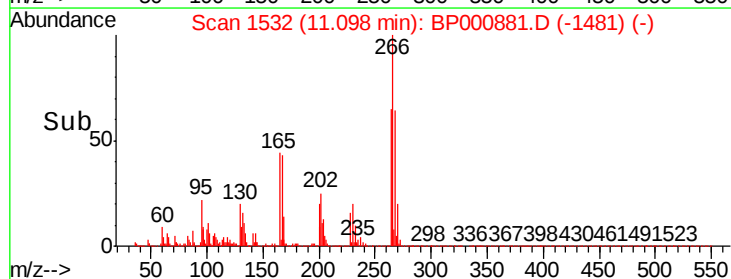
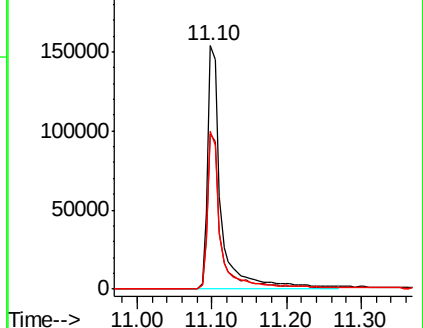
264 65.0 51.4 77.2

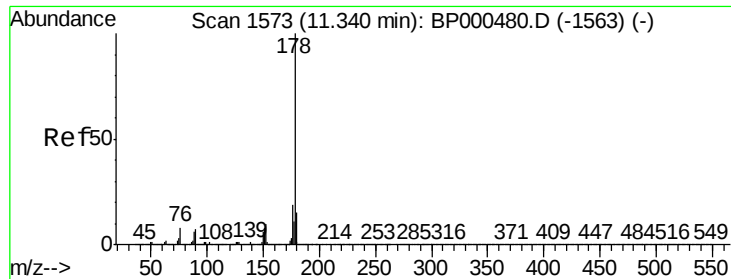


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

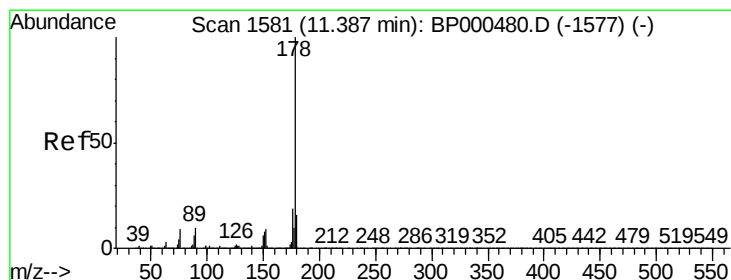
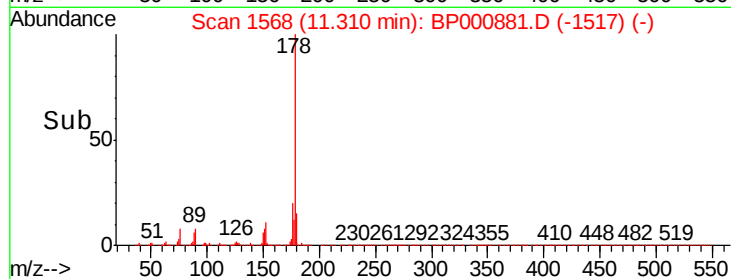
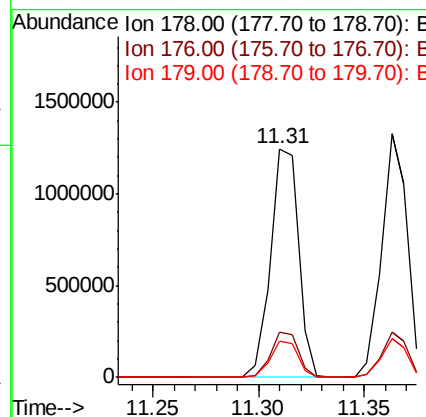
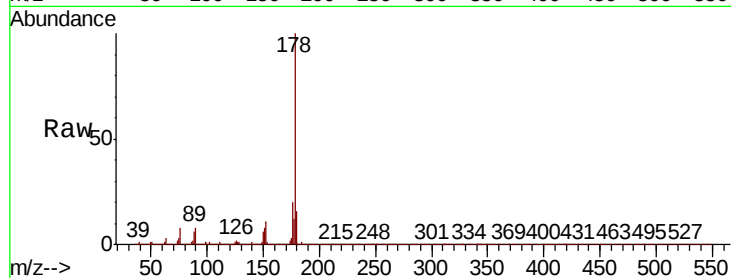




#71
Phenanthrene
Concen: 40.032 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

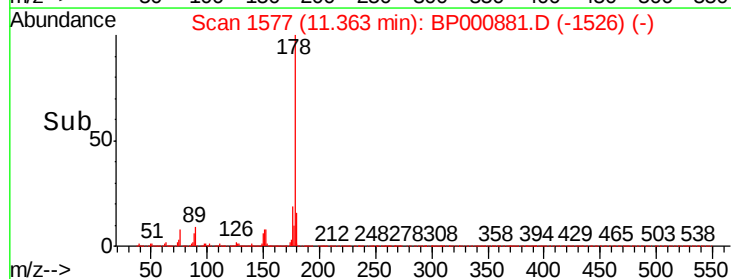
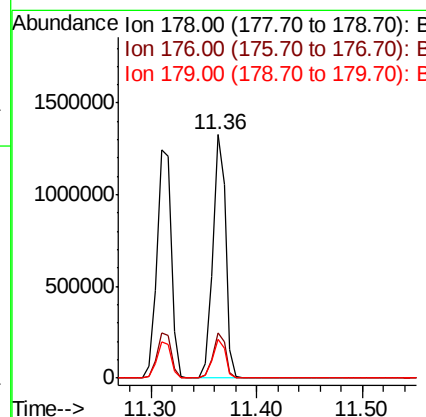
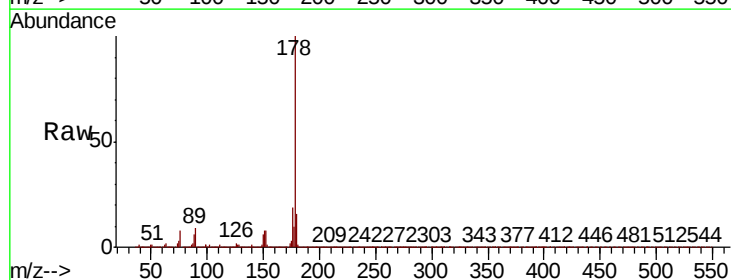
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:178 Resp: 1155605
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.7 12.5 18.7



#72
Anthracene
Concen: 39.465 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:178 Resp: 1129573
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.7 12.3 18.5

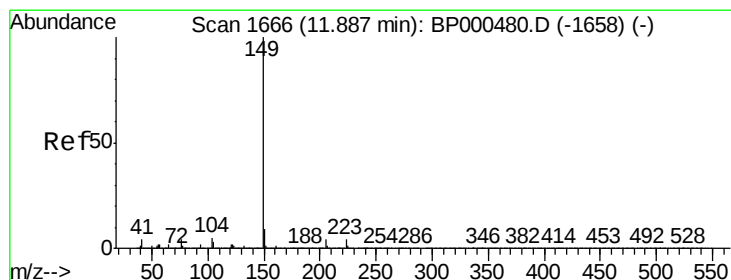
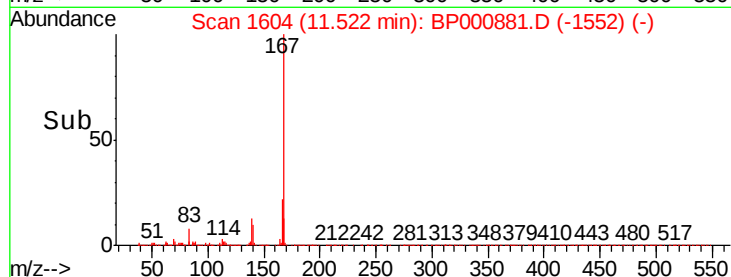
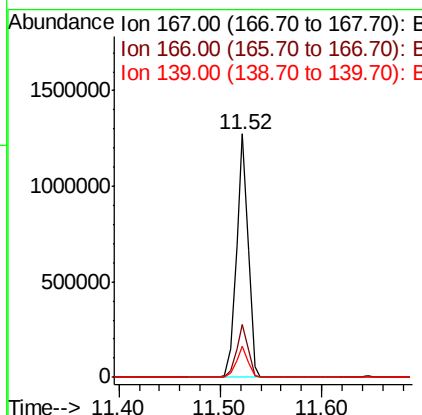
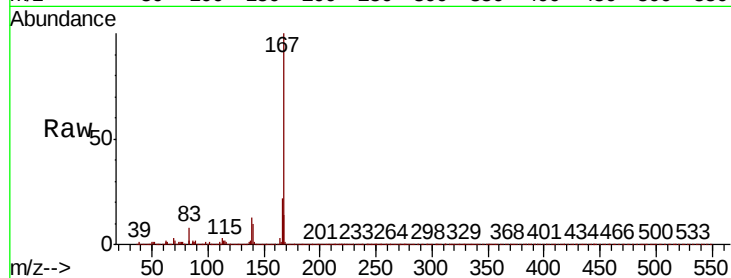




#73
 Carbazole
 Concen: 38.084 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

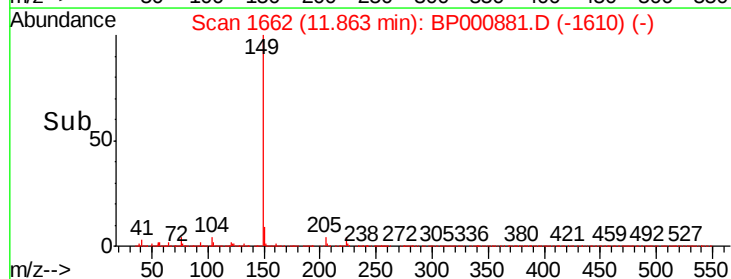
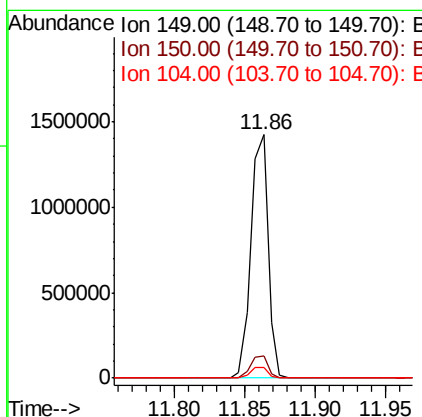
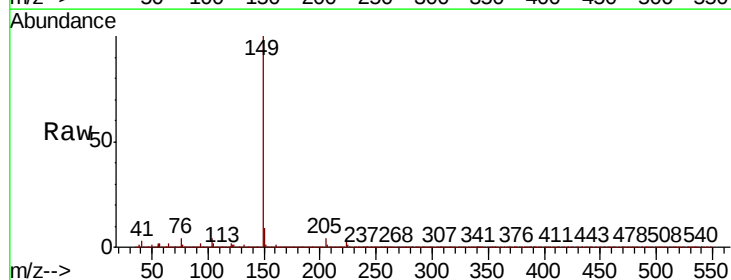
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

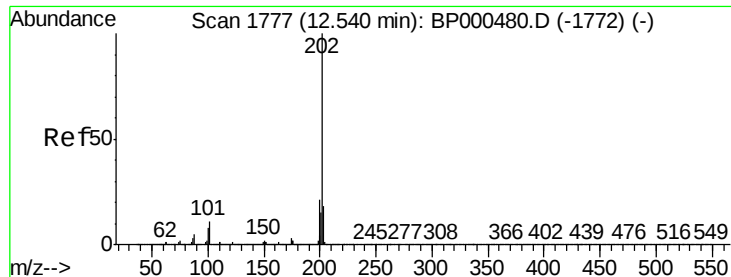
Tot Ion:167 Resp: 1010454
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 37.960 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: BP000881.D
 Acq: 18 Oct 2019 17:26

Tgt Ion:149 Resp: 1226908
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.4 3.6 5.4

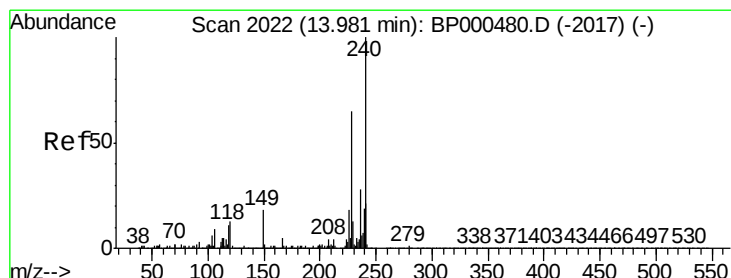
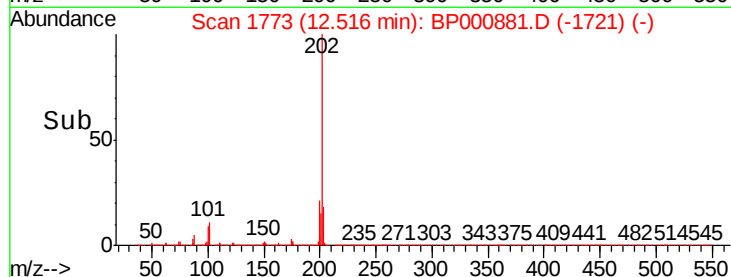
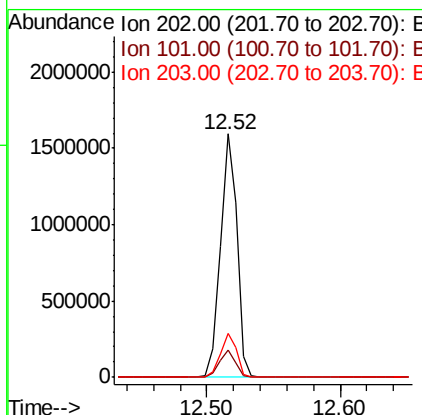
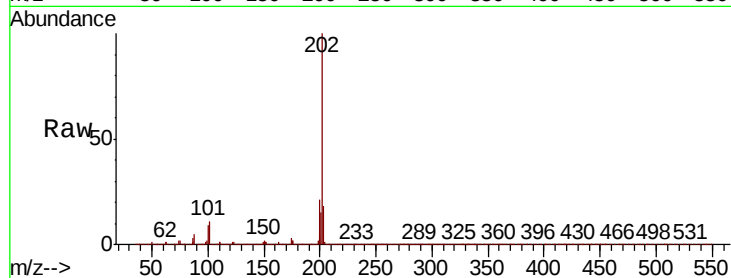




#75
Fluoranthene
Concen: 43.123 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

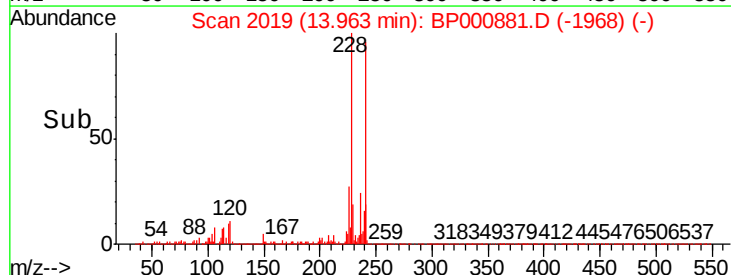
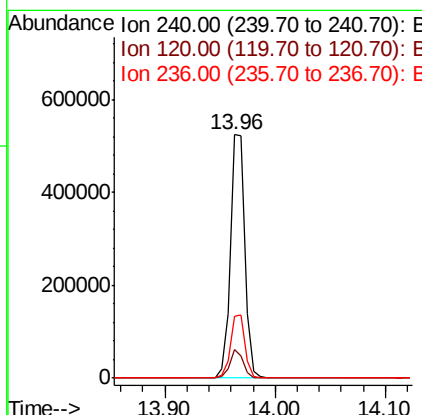
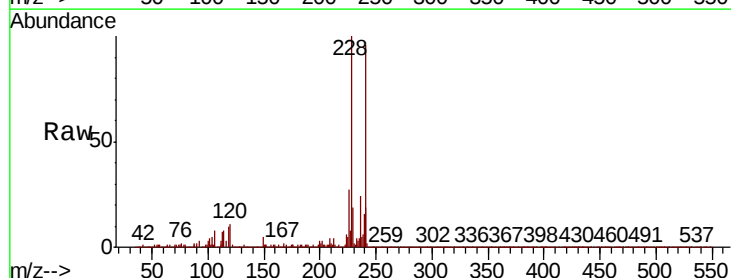
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

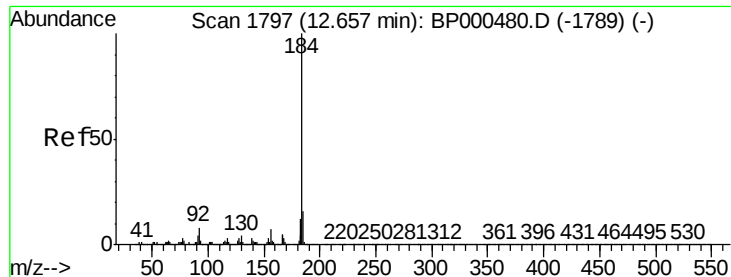
Tot Ion:202 Resp: 1398097
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.6
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:240 Resp: 483886
Ion Ratio Lower Upper
240 100
120 11.9 7.3 10.9#
236 25.6 21.2 31.8

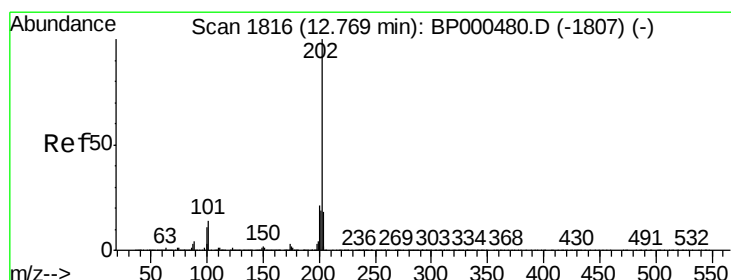
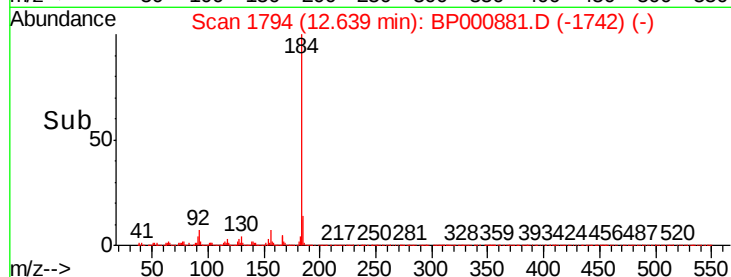
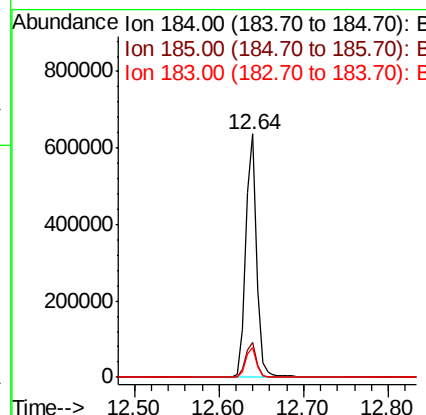
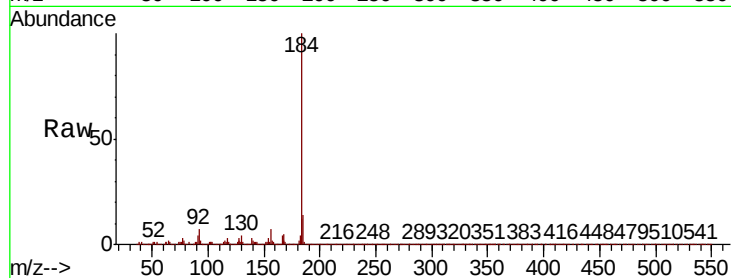




#77
Benzidine
Concen: 39.665 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

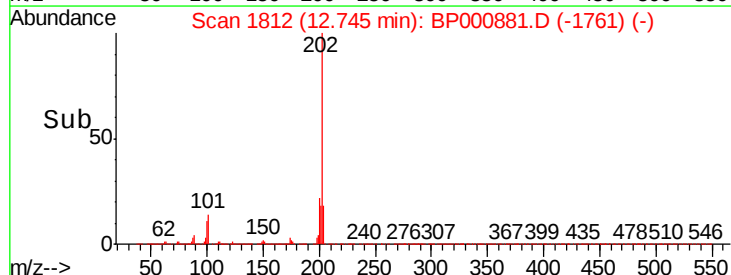
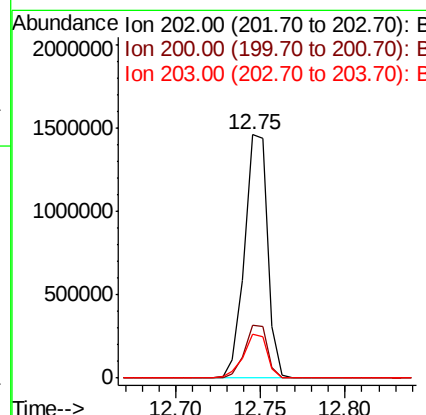
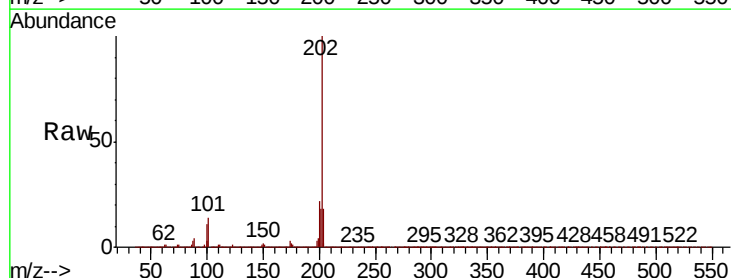
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

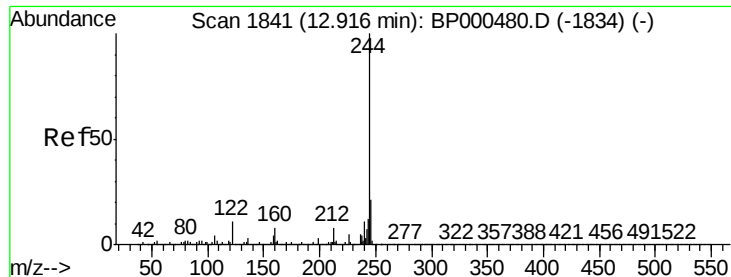
Tot Ion:184 Resp: 555787
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 12.1 9.8 14.8



#78
Pyrene
Concen: 41.826 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:202 Resp: 1395886
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 70.132 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

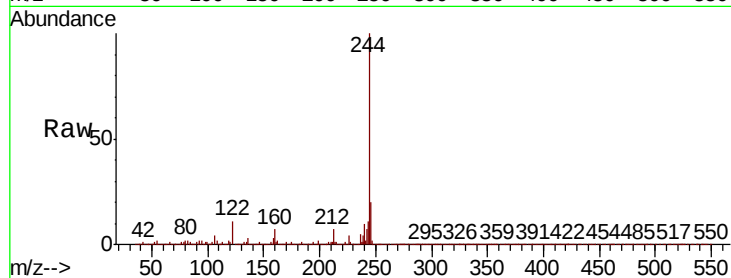
Tot Ion:244 Resp: 1676063

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

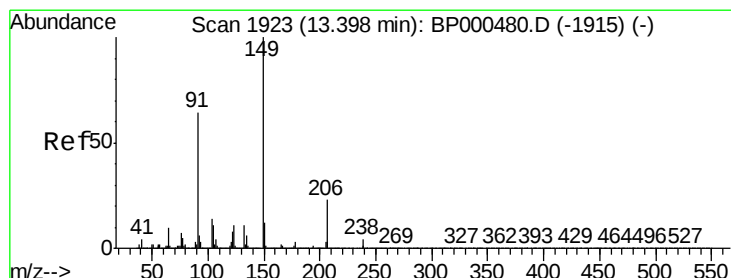
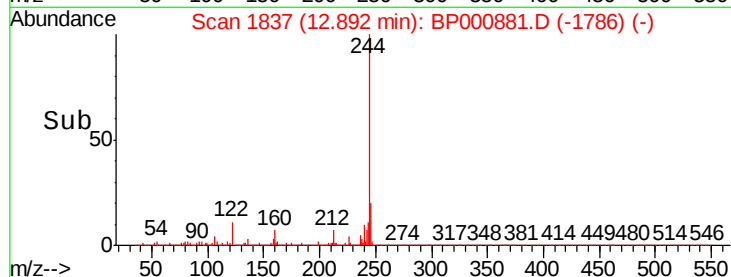
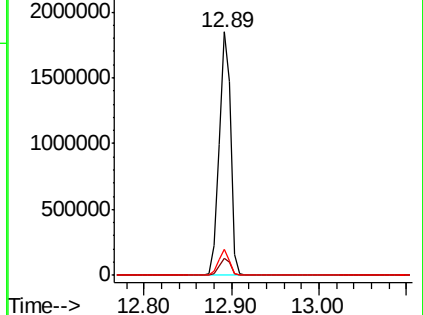
122 10.7 7.1 10.7#



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: 36.683 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

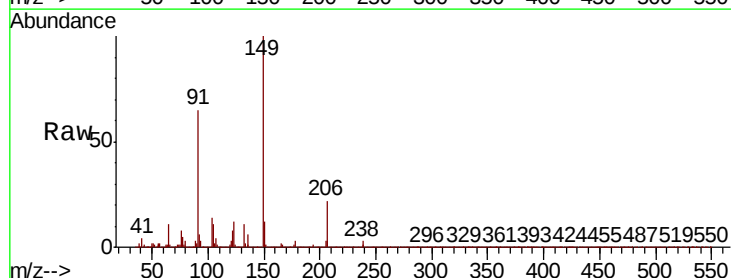
Tgt Ion:149 Resp: 533472

Ion Ratio Lower Upper

149 100

91 65.0 51.9 77.9

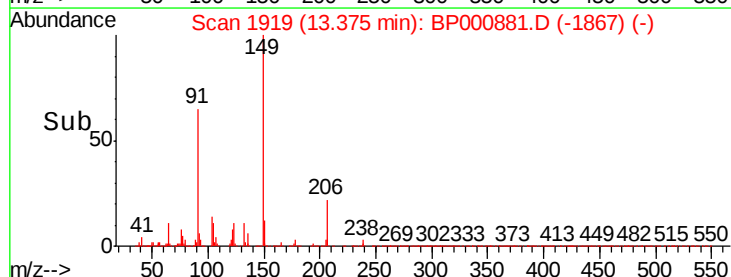
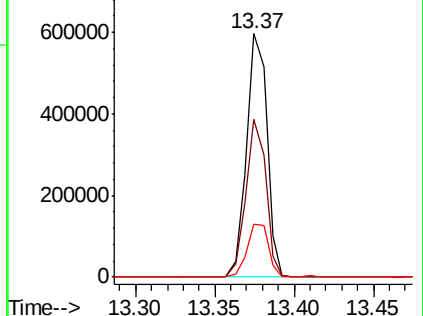
206 21.9 17.3 25.9

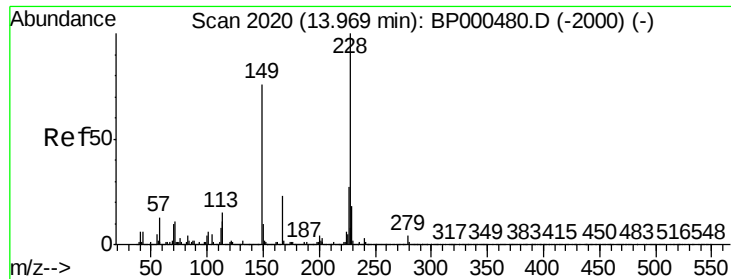


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.243 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

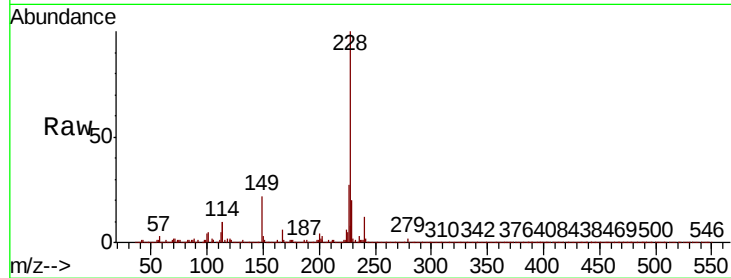
Tot Ion:228 Resp: 1158601

Ion Ratio Lower Upper

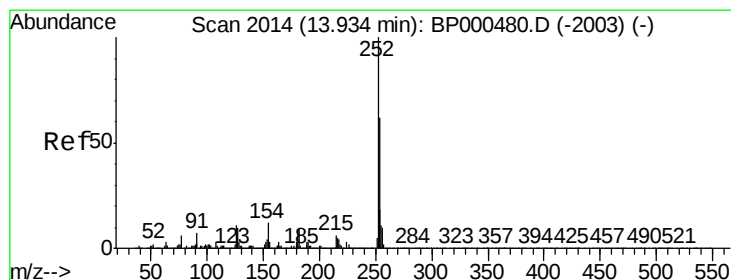
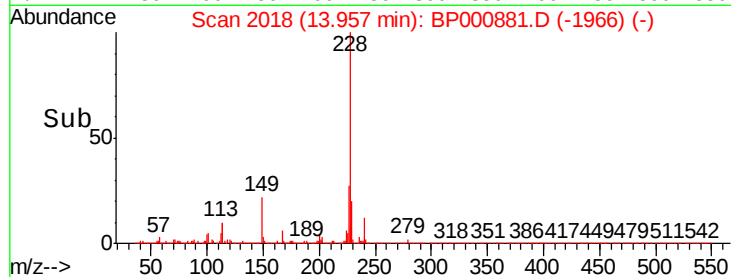
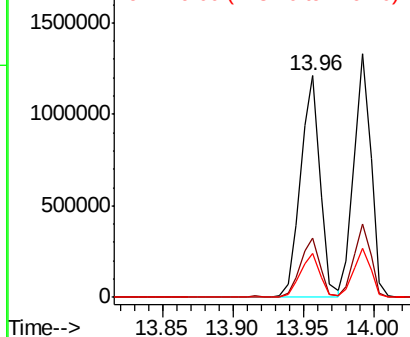
228 100

226 27.1 21.8 32.8

229 19.8 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



#82

3,3'-Dichlorobenzidine

Concen: 29.877 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

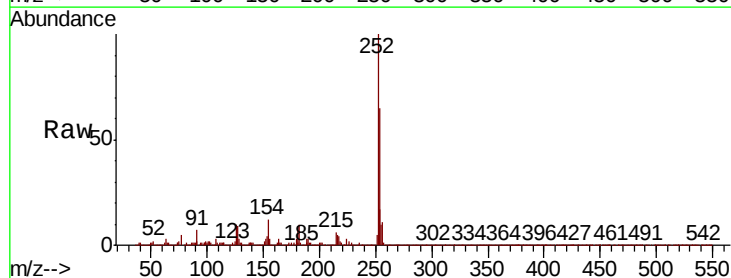
Tgt Ion:252 Resp: 350371

Ion Ratio Lower Upper

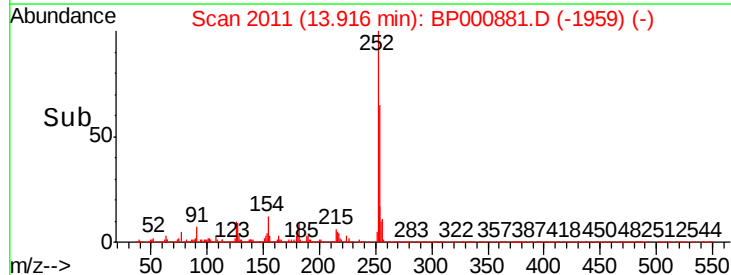
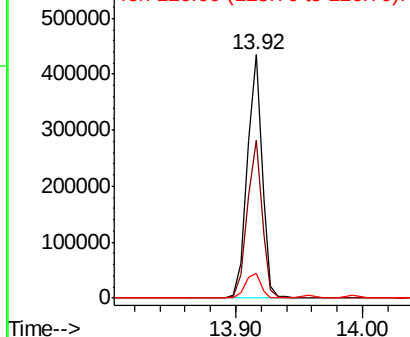
252 100

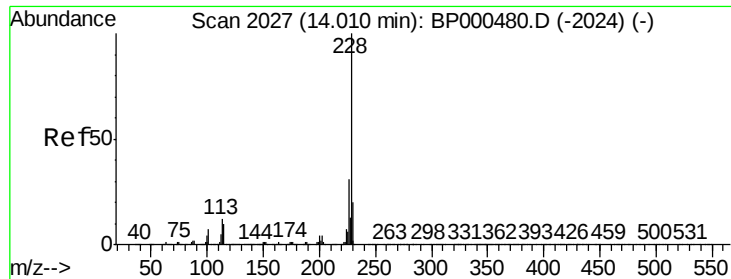
254 64.9 51.5 77.3

126 9.9 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.684 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

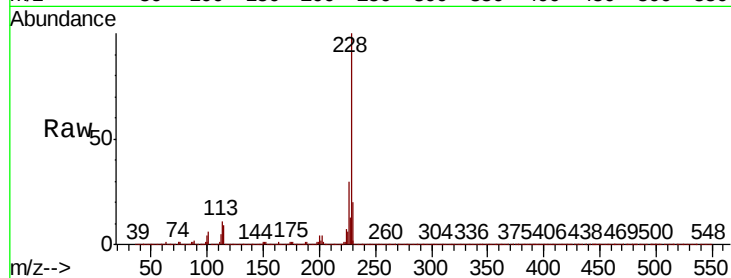
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:228 Resp: 1120962

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.9	16.2	24.2

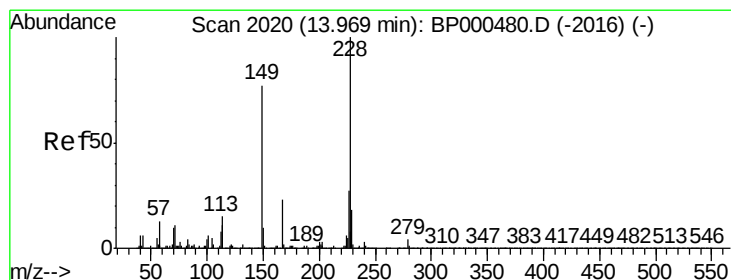
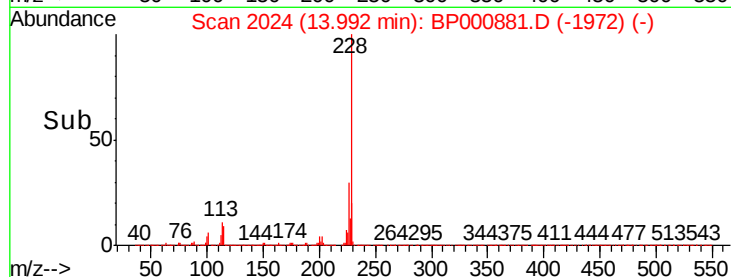
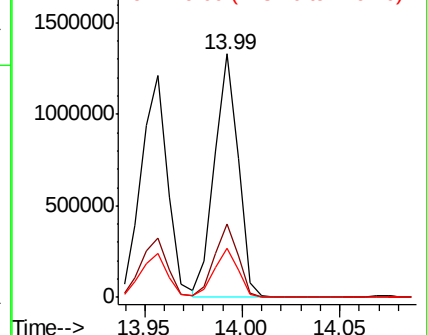


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.400 ng

RT: 13.95 min Scan# 2017

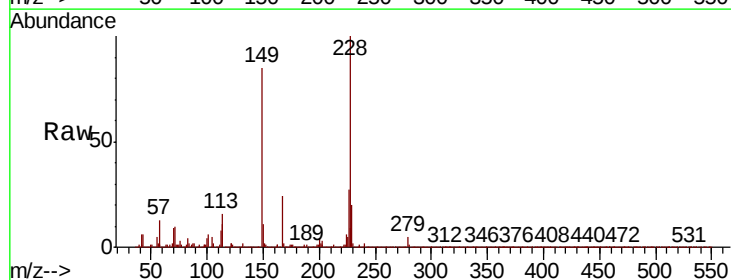
Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Tgt Ion:149 Resp: 720630

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.1	34.7
279	5.4	4.7	7.1

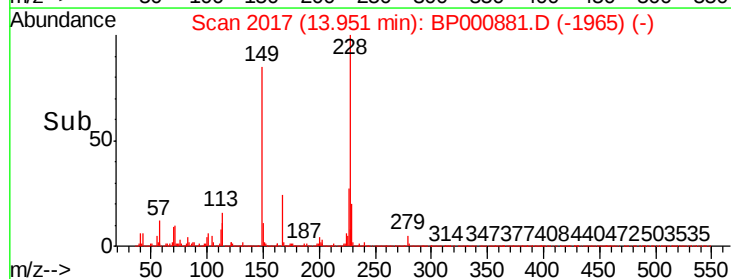
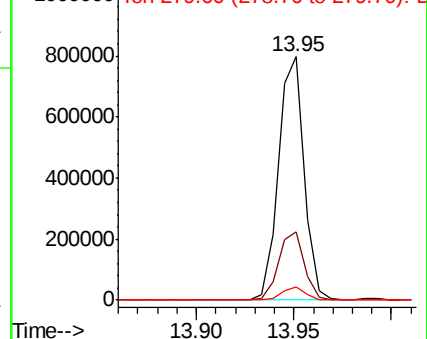


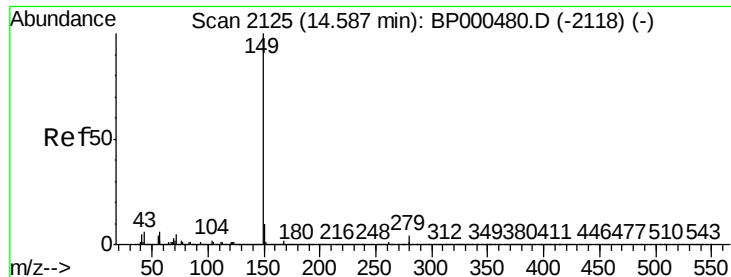
Abundance

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: 38.779 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

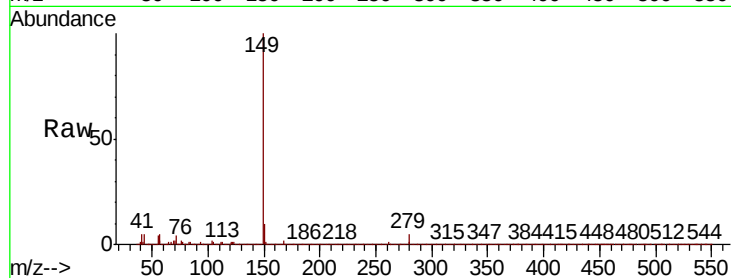
Tot Ion:149 Resp: 1285577

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.4 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0

1500000

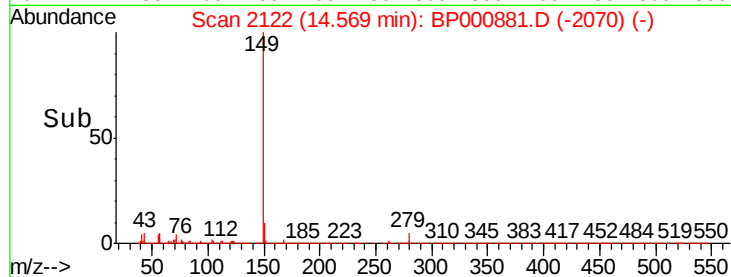
1000000

500000

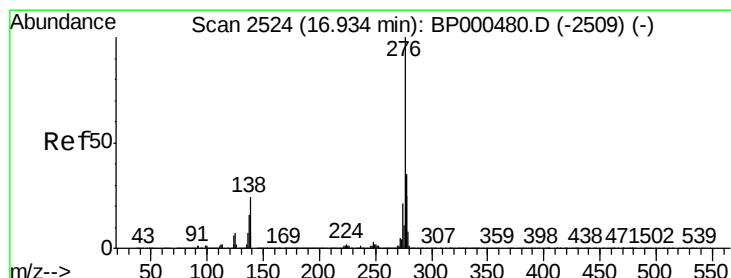
0

14.50

14.60



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.835 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

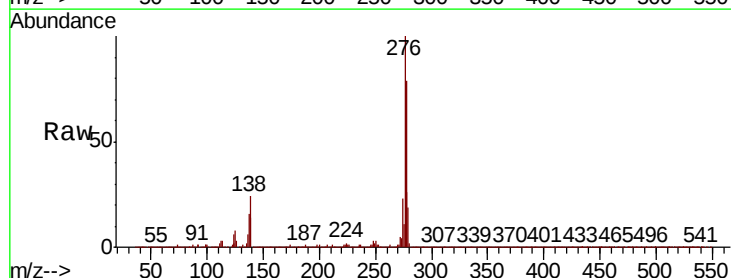
Tgt Ion:276 Resp: 1369513

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

277 25.8 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

600000

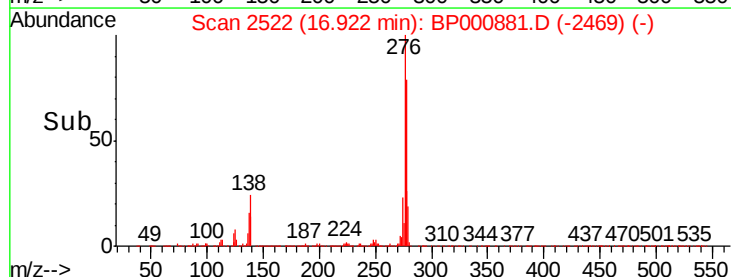
400000

200000

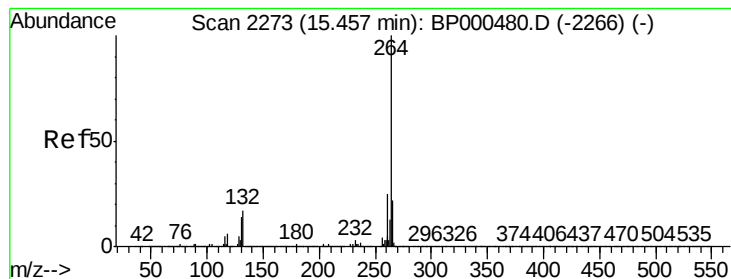
0

16.80

17.00



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

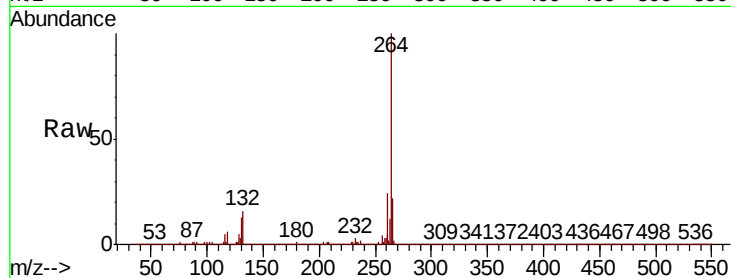
Tot Ion:264 Resp: 552544

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 17.4 26.0

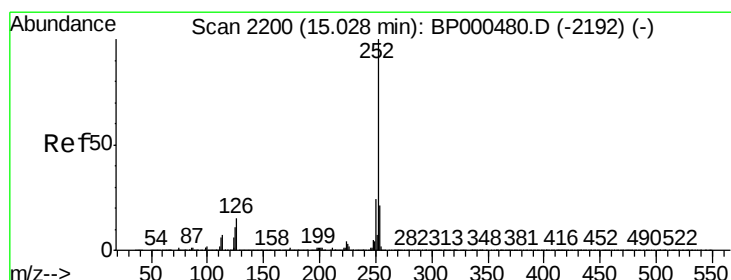
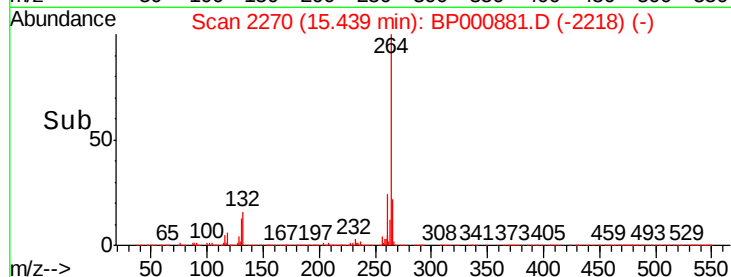
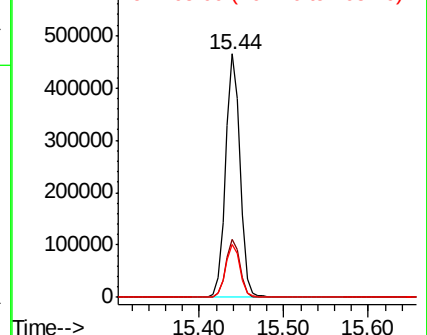


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.601 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

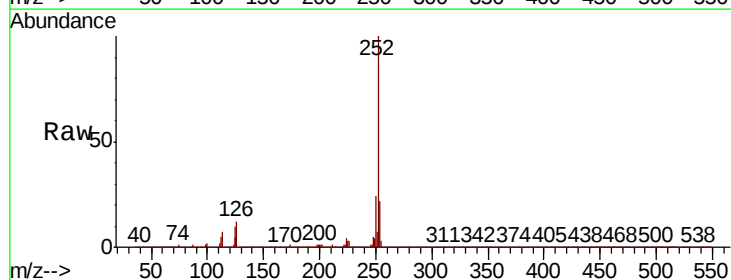
Tgt Ion:252 Resp: 1210028

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.7 7.4 11.2

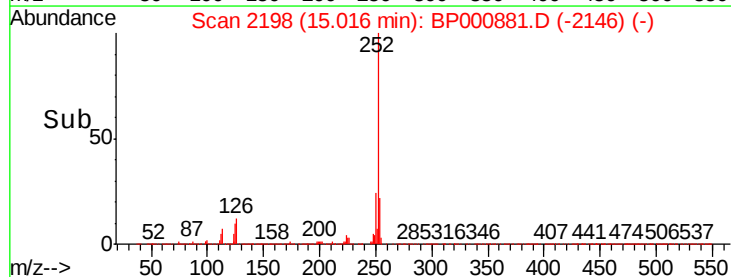
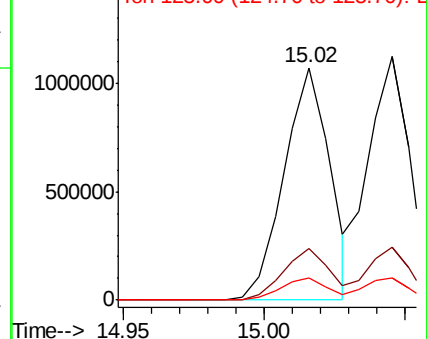


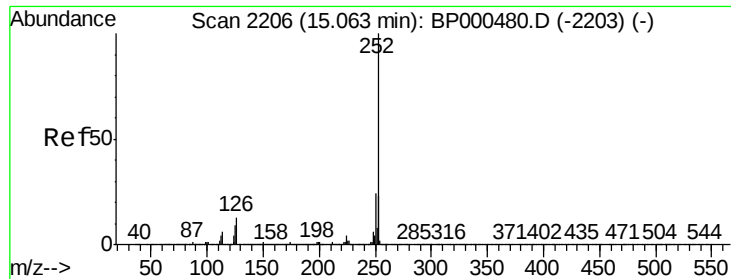
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.358 ng

RT: 15.05 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

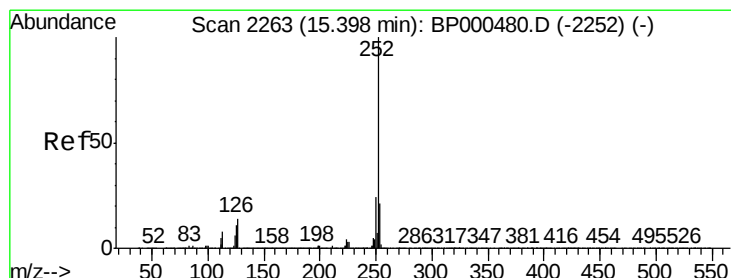
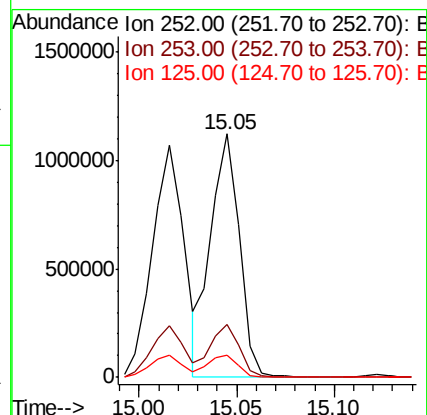
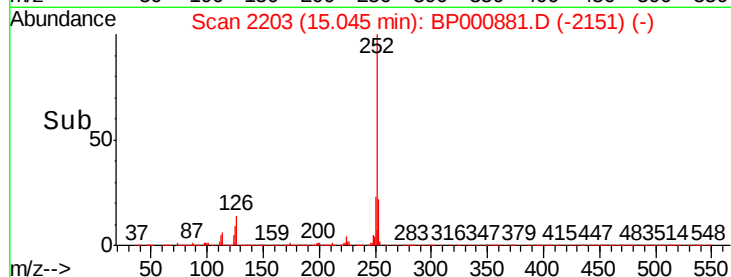
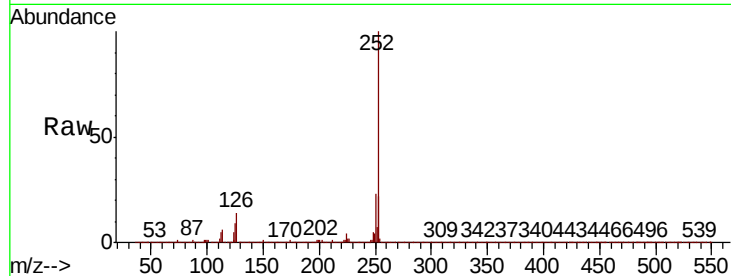
Tot Ion:252 Resp: 1144765

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.3 7.1 10.7



#90

Benzo(a)pyrene

Concen: 39.577 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BP000881.D

Acq: 18 Oct 2019 17:26

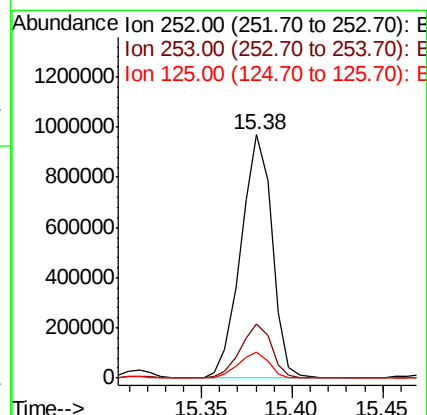
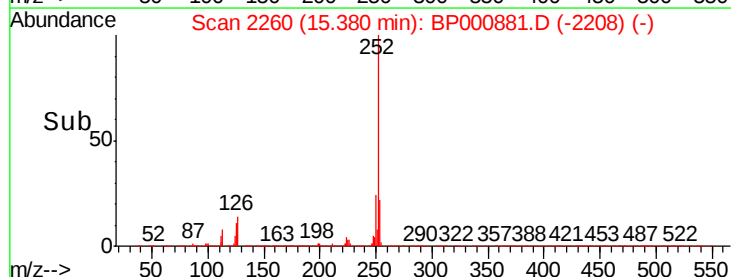
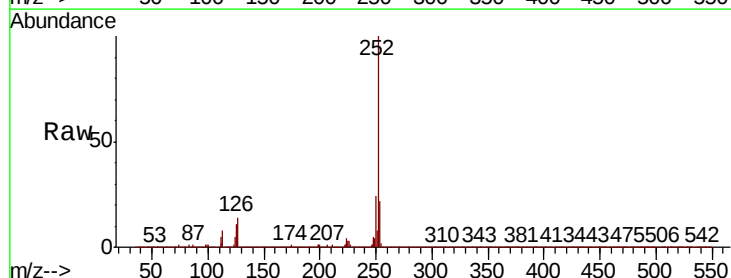
Tgt Ion:252 Resp: 1156494

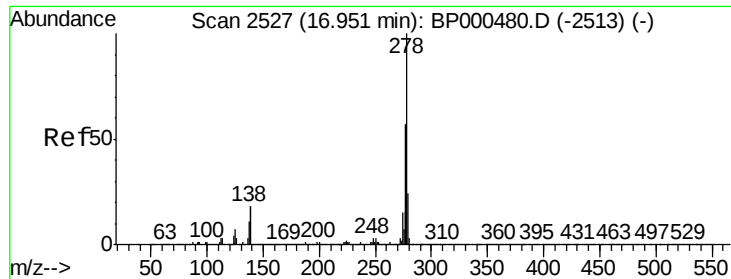
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.7 8.2 12.2

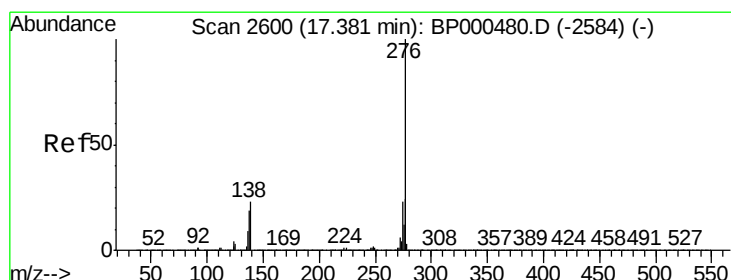
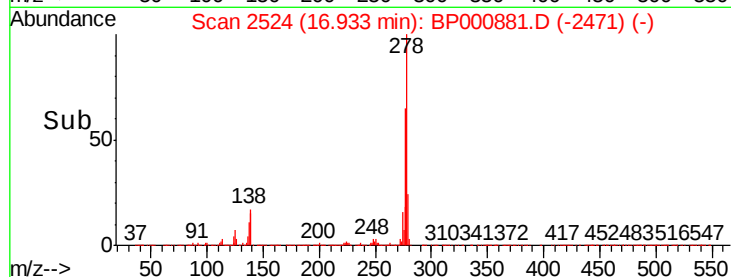
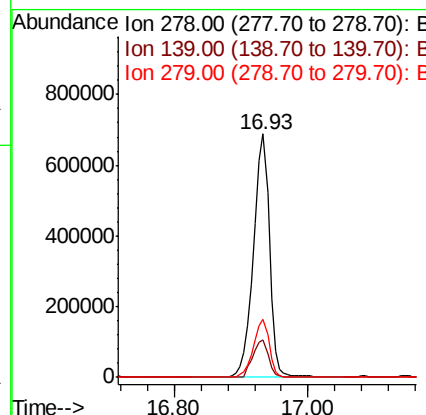
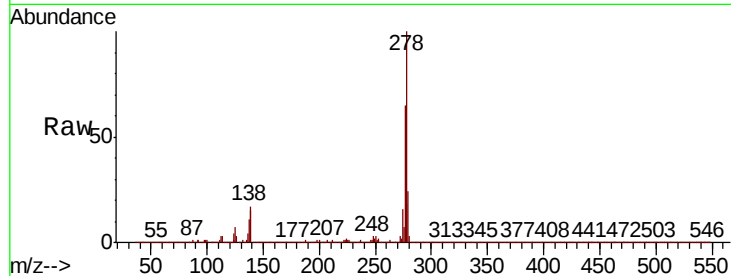




#91
Dibenzo(a,h)anthracene
Concen: 39.353 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:278 Resp: 1115303
Ion Ratio Lower Upper
278 100
139 15.4 12.4 18.6
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.032 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BP000881.D
Acq: 18 Oct 2019 17:26

Tgt Ion:276 Resp: 1152875
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.5 16.6 24.8

